




S.S. 38 - LOTTO 4: VARIANTE DI TIRANO DALLO SVINCOLO DI STAZZONA (COMPRESO) ALLO SVINCOLO DI LOVERO (CON COLLEGAMENTO ALLA DOGANA DI POSCHIAVO)

**S.S. 38 - LOTTO 4: NODO DI TIRANO -
TRATTA "A" (SVINCOLO DI BIANZONE - SVINCOLO LA GANDA)
E TRATTA "B" (SVINCOLO LA GANDA - CAMPONE IN TIRANO)**

PROGETTO ESECUTIVO

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<p>IB01</p>	<p>I - PROGETTO STRUTTURALE - OPERE D'ARTE MINORI IB - SOTTOPASSO AL KM 0+233,83 RELAZIONE TECNICA E DI CALCOLO</p>
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1 PREMESSA

La presente relazione di calcolo è inserita nell'ambito del Progetto Esecutivo della progettazione della "SS 38 Lotto 4 Nodo di Tirano, Tratta A (Svincolo di Bianzone-Svincolo La Ganda) e Tratta B (Svincolo La Ganda-Campone di Tirano).

Nel presente documento si riportano la descrizione, il dimensionamento e le verifiche strutturali e geotecniche del sottopasso ferroviario scatolare IB SOTTOPASSO al km 0+233,83 dell'asse principale, da realizzare in cemento armato ordinario a piè d'opera e spinto nella sua posizione definitiva in modo da mantenere in esercizio, durante l'esecuzione, la linea ferroviaria attuale.

La relazione definisce le norme adottate ed i materiali impiegati, identifica i carichi agenti ed infine riporta le verifiche.

Lo scatolare ha una lunghezza complessiva pari a 21.24 m in asse, una larghezza interna misurata ortogonalmente all'asse pari a 17.90 m ed un'altezza interna pari a 7.55 m. I piedritti, la soletta di copertura e il solettone di fondo hanno spessore 1.60 m.

L'asse del monolite è inclinato di 65° rispetto a quello del binario esistente nel punto in cui viene effettuato l'attraversamento.

Sarà realizzata una paratia provvisoria di micropali per permettere la realizzazione dell'opera. Il monolite sarà prefabbricato fuori opera (al di sopra della platea di varo) e, successivamente, spinto sotto il binario ferroviario mediante martinetti idraulici che contrastano da un lato sulla struttura e dall'altro su una trave reggi-spinta, che a sua volta scarica e ripartisce tale azione su una paratia di pali in c.a. Φ 120 interasse 130 cm.

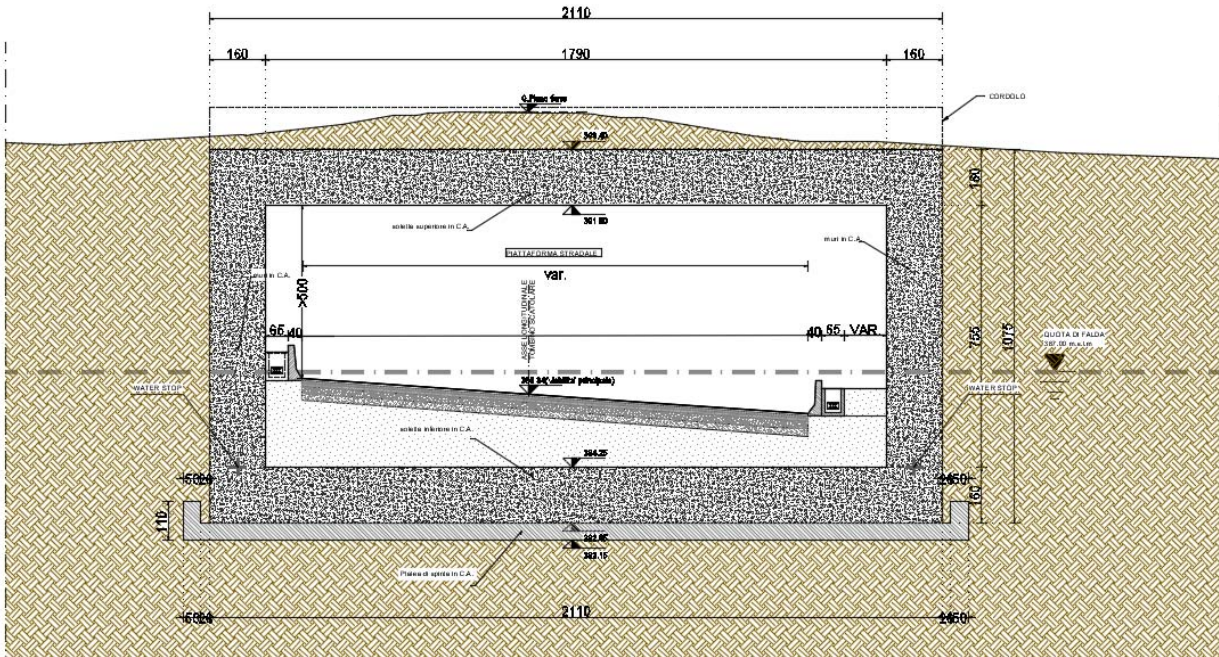
Contestualmente verrà effettuato lo scavo all'interno dell'opera in fase di varo previa la realizzazione di un sistema di sostegno provvisorio dei binari del tipo "Essen".

Lo scavo provvisorio, necessario alla realizzazione della platea, avrà inizio ad una distanza pari a circa 4.0 m dall'asse del binario esistente e manterrà un'inclinazione di 45° sull'orizzontale (scavo con pendenza 1/1) fino a quota di fondo scavo. La platea di varo avrà una larghezza pari a 22.62 m (comprensiva di due cordoli laterali di larghezza pari a 0.50 m e dello spazio utile al posizionamento delle travi guida realizzate con profili HEB 240) ed una lunghezza circa pari a quella del monolite (al netto del rostro) aumentata del franco necessario per l'alloggiamento dei martinetti di spinta. In particolare, nella fase iniziale, la distanza tra la platea del monolite e la trave reggi-spinta sarà ≥ 3.00 metri al fine di consentire l'alloggiamento dei martinetti e di una trave di ripartizione (che consente di trasmettere e ripartire la spinta esercitata dai martinetti al monolite).

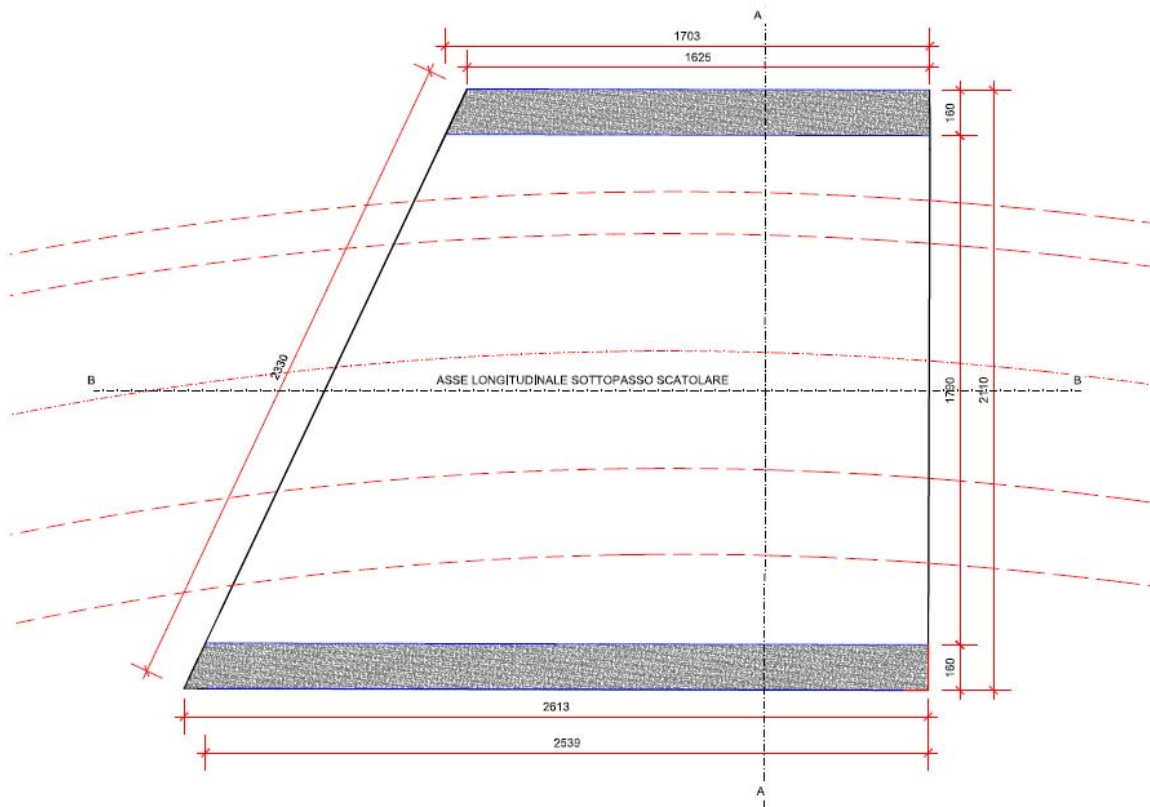
Le caratteristiche geometriche della struttura sono evidenziate nelle relative tavole di progetto allegate alla presente e riportate sinteticamente di seguito.

Così come previsto dalle NTC 2018 al paragrafo **5.2.3.1.1**, il sottopasso è progettato per il maggior numero di binari geometricamente compatibile con la larghezza dell'impalcato, a prescindere dal numero di binari effettivamente presenti; considerando un'interasse tra binari di 3,555 m (intervista in rettilineo pari a 2,12 m) risulta che il numero di binari geometricamente compatibile con la larghezza dell'impalcato è pari a 3, di cui uno quello esistente e due sul lato sinistro direzione Bormio.

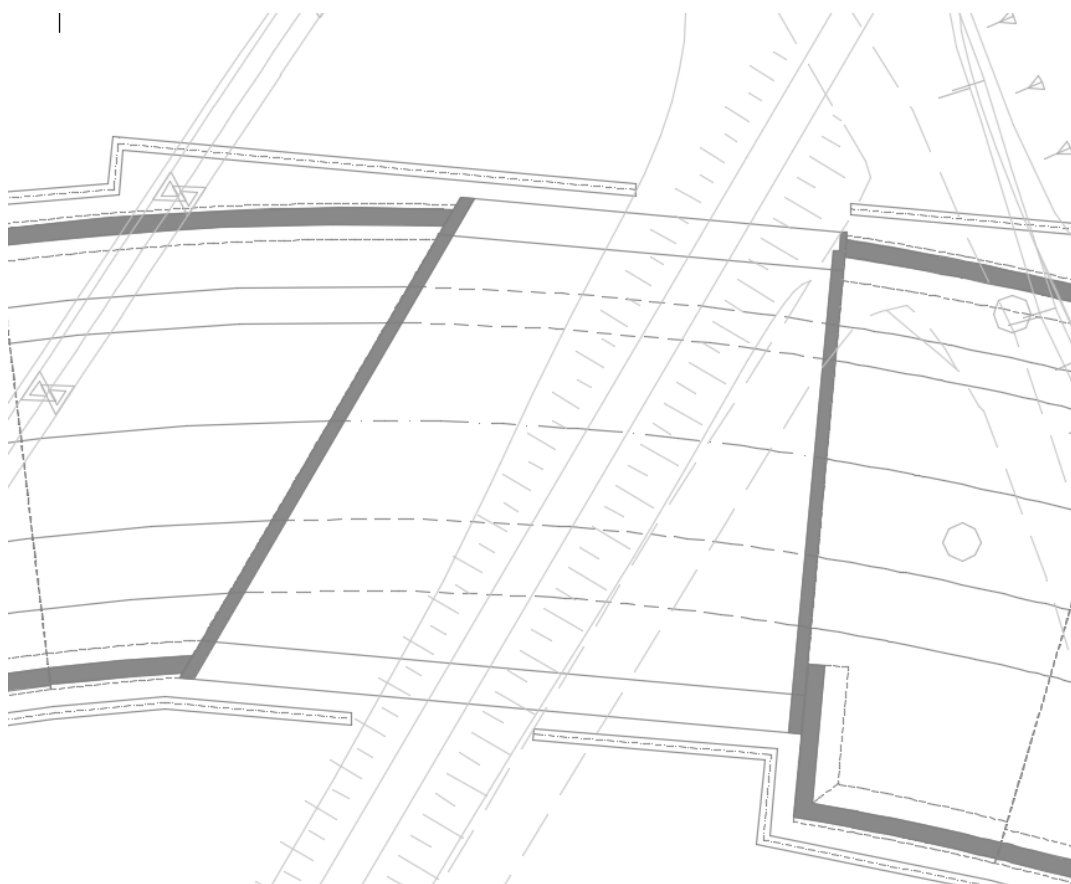
Si riportano di seguito alcune immagini che descrivono tale opera.



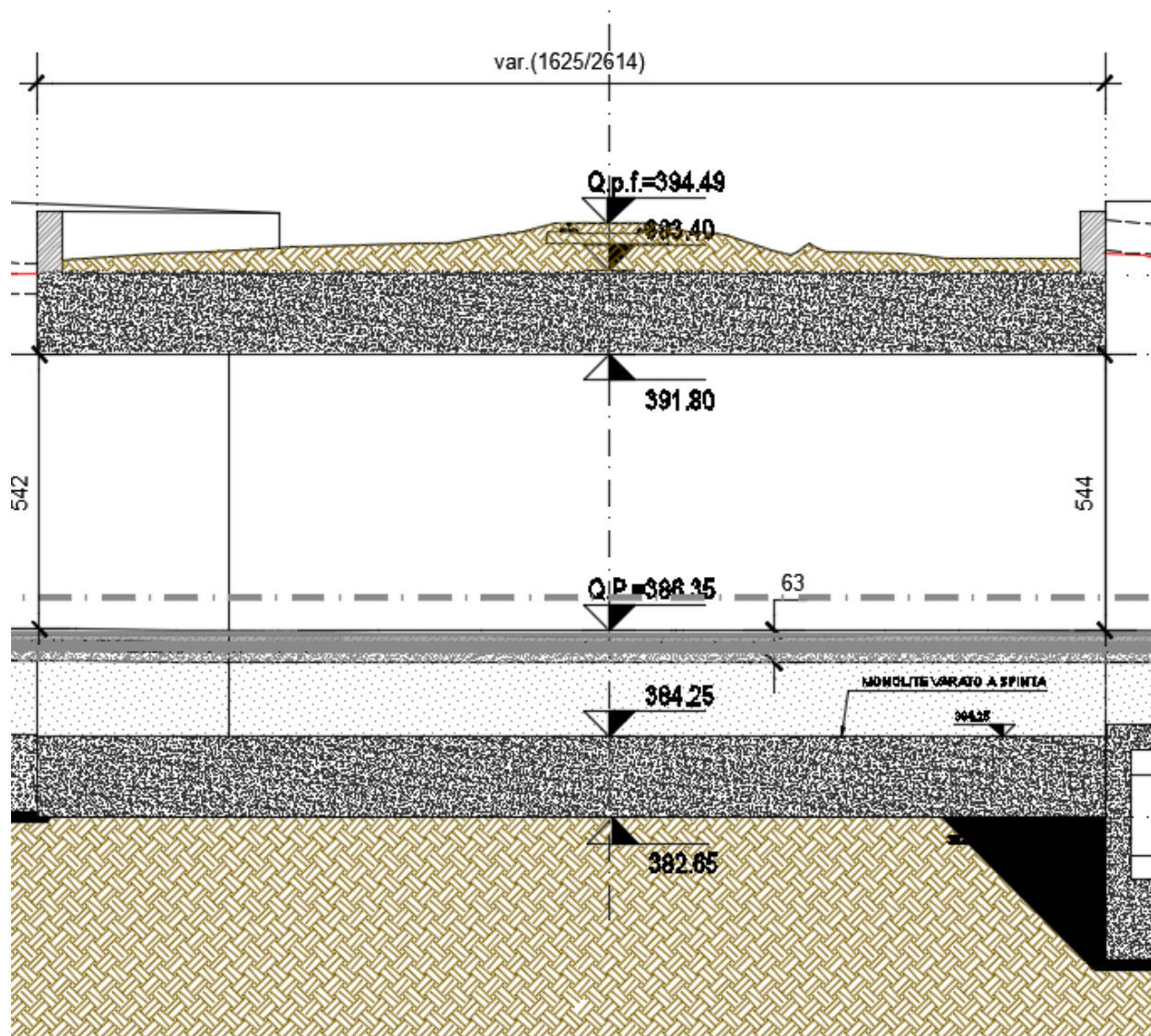
Sezione trasversale



Pianta fondazioni



Pianta impalcato



Sezione longitudinale

2 NORMATIVA DI RIFERIMENTO

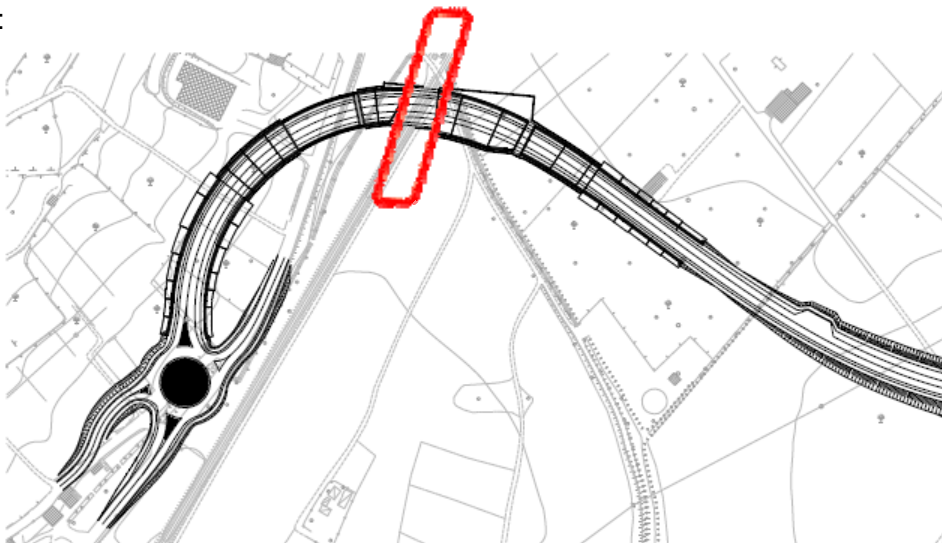
Le verifiche sono state eseguite secondo i metodi classici della scienza delle costruzioni e nel rispetto della seguente normativa:

- **Legge 05/01/1971 n.1086** → Norme per la disciplina delle opere in conglomerato cementizio armato, normale e precompresso ed a struttura metallica
- **Legge 02/02/1974 n. 64** → Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche
- **DM 17/01/2018** → Aggiornamento delle Norme Tecniche per le Costruzioni
- **Circolare n. 7 del 21/01/2019 /C.S.LL.PP.** → Istruzioni per l'applicazione dell' "Aggiornamento delle Norme Tecniche per le Costruzioni" di cui al DM 17/01/2018
- **UNI EN 1992-1 (Eurocodice 2 – Parte 1)** → Progettazione delle strutture in calcestruzzo – Regole generali
- **UNI EN 1992-2 (Eurocodice 2 – Parte 2)** → Progettazione delle strutture in calcestruzzo – Ponti

- **UNI EN 1998-5 (Eurocodice 8) – Gennaio 2015** → Progettazione delle strutture per la resistenza sismica – Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici
- **UNI EN 206-1:2016** → Calcestruzzo – Specificazione, prestazione e conformità
- **UNI 11104:2016** → Calcestruzzo – Specificazione, prestazione, produzione e conformità – Istruzioni complementari per l'applicazione della EN 206-1
- **Servizio Tecnico Centrale della Presidenza del Consiglio Superiore dei LL.PP. Linee guida sul calcestruzzo strutturale**
- **Specifica ITF n° RFIDTCINCCSSPIFS001A:** "Specifica per la progettazione geotecnica delle opere civili ferroviarie";
- **Specifica ITF n° RFIDTCINCPOSPIFS001A:** "Specifica per la progettazione e l'esecuzione dei ponti ferroviari e di altre opere minori sotto binario".
- **Decreto Ministeriale LL.PP. 11.03.1988:** "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre e delle opere di fondazione";
- **Circolare LL.PP. 24.09.1988 – I.2.2.1974, n.64 – art.1:** "Istruzioni per l'applicazione del D.M. 11.03.1988";
- **UNI EN 1997-1 2005:** "Progettazione geotecnica – Parte 1: Regole generali".

3 UBICAZIONE DELL'OPERA

Il sottopasso al km 0+233.83 km è ubicato planimetricamente come mostrato nell'immagine successiva:



Ubicazione dell'opera

4 PROGRAMMA PER L'ANALISI AUTOMATICA

Informazioni sul codice di calcolo

Titolo: IPERSPACE BIM

Versione: 1.1.0

Produttore-Distributore: SOFT.LAB s.r.l., Ponte (BN)

Codice Licenza: Licenza C04936

4.1 AFFIDABILITÀ SUL CODICE DI CALCOLO UTILIZZATO



ATTESTATO DI AFFIDABILITÀ

(Ai sensi del par. 10.2 del D.M. 17.01.2018 "Norme Tecniche per le Costruzioni" e successive modificazioni)

In base a quanto richiesto al par. 10.2 delle Norme Tecniche per le Costruzioni il produttore e distributore Soft. Lab Srl espone la seguente relazione riguardante il solutore numerico e, più in generale, la procedura di analisi e dimensionamento di **IperSpace BIM** e **inSide**. Il manuale teorico del solutore nonché il documento comprendente i numerosi esempi di confronto vengono distribuiti insieme al software.

Il motore di calcolo adottato da **IperSpace BIM** e **inSide** denominato SpaceSolver è un programma ad elementi finiti che permette l'analisi statica e dinamica in ambito lineare, con estensioni per il calcolo degli effetti del secondo ordine.

SpaceSolver è interamente sviluppato e testato nell'ambiente di sviluppo MatLab® che è programma di analisi numerica riconosciuto a livello mondiale per gli usi nella ricerca universitaria e la cui affidabilità è ampiamente documentata. Il solutore quindi fa uso delle librerie di soluzione di MatLab® avvalendosi principalmente della tecnologia delle matrici sparse (nello specifico il pacchetto UMFPACK di Timothy A. Davis), sfruttando nei modelli con pochi gradi di libertà la ben nota libreria numerica LAPACK anche essa a disposizione all'interno di MatLab® e per quanto concerne la soluzione del problema agli autovalori (analisi modale) per matrici sparse al pacchetto ARPACK.

Il solutore dispone di diversi elementi finiti tra cui particolare rilevanza assumono gli elementi monodimensionali BEAM, bidimensionali SHELL (PIASTRA o MEMBRANA) e USER (PALO, PLINTO SU PALI e ISOLATORI).

- l'elemento BEAM oltre a supportare le classiche funzionalità di disassamento e della deformabilità a taglio (vedi elementi tozzi), porta in conto la posizione effettiva del centro di taglio ottenendo l'effetto torcente di una sollecitazione tagliante eccentrica rispetto ad esso; quando è su suolo alla Winkler tiene in conto la spazialità dell'effetto del terreno in direzione ortogonale all'asse dell'elemento
- l'elemento SHELL tiene conto anche del disassamento e per azioni nel proprio piano si avvale della teoria descritta nell'articolo di A.Ibrahimbegovic, E.Wilson e R.Taylor "A robust quadrilateral membrane finite element with drilling degrees of freedom" che porta in conto la rigidità intorno all'asse ortogonale al piano dell'elemento, caratteristica peraltro assente nella maggioranza dei solutori in commercio
- l'elemento USER dal punto di vista del solutore è fondamentalmente una matrice delle rigidità, una matrice delle masse e una matrice di forze nodali equivalenti; questo elemento offre la possibilità di modellare elementi complessi non contemplati dal solutore vero e proprio, con tale elemento, ad esempio, sono stati modellati i PALI ed i PLINTI SU PALI, basati sulle equazioni di MINDLIN per un elemento immerso in un semispazio elastico con estensione rispetto alla stratigrafia e gli ISOLATORI

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L'analisi con i contributi del secondo ordine viene realizzata aggiornando la matrice di rigidità elastica del sistema con i contributi della matrice di rigidità geometrica.

L'analisi statica non lineare (PushOver) si basa sul solutore Non lineare, riconosciuto a livello internazionale, Seismstruct del prof. Pinho.

Alcuni esempi di validazione si trovano nella Relazione Tecnica e nel manuale.

In fase di input, su ogni dato, viene eseguito un controllo di compatibilità. Un ulteriore procedura di controllo può essere lanciata dall'utente in modo da individuare tutti gli errori gravi e i principali difetti della modellazione. Analoghi controlli vengono eseguiti da **IperSpace BIM** e **inSide** in fase di calcolo prima della preparazione dei dati per il solutore. Apposite procedure di controllo sono predisposte per il dimensionamento e verifica degli elementi in c.a., acciaio, legno, etc. Tali controlli riguardano l'esito della verifica: vengono segnalati, per via numerica e grafica, i casi in contrasto con le comuni tecniche costruttive e gli errori di dimensionamento che bloccano lo sviluppo delle fasi successive della progettazione, (ad esempio il disegno esecutivo).

Ulteriori funzioni, a disposizione dell'utente, agevolano il controllo dei dati e dei risultati. E' possibile eseguire una funzione di ricerca su tutte le proprietà (geometriche, fisiche, di carico, ecc.) del modello individuando gli elementi interessati. Si possono rappresentare ed interrogare graficamente, in ogni sezione desiderata, tutti i risultati dell'analisi e del dimensionamento strutturale. Nel caso sismico viene evidenziata la posizione del centro di massa e delle rigidità del sistema con disegno della ellisse delle rigidità, per dare la possibilità all'utente di valutare eventuali irregolarità strutturali. Per gli edifici è possibile, per ogni piano, a partire dalle fondazioni, conoscere la risultante delle azioni verticali e orizzontali. Analisi particolari come la ricerca di labilità interne o la ricerca di cinematici consentono all'utente di ricercare eventuali anomalie nella struttura.

Dr. Dario Nicola Pica
 Amministratore Unico




5 MATERIALI

5.1 CALCESTRUZZO

5.1.1 CALCESTRUZZO PER OPERE DI SOTTOFONDAZIONE

Per le opere di sottofondazione è stato previsto un calcestruzzo con classe di resistenza **C12/15** e classe di esposizione **X0**.

Tale calcestruzzo non ha valenza strutturale e quindi non se ne riportano le caratteristiche meccaniche.

5.1.2 CALCESTRUZZO PER PLATEA DI VARO E SCATOLARE

Per tutte le strutture in c.a. è stato previsto un calcestruzzo con classe di resistenza **C35/45** con le seguenti caratteristiche meccaniche:

Fase finale	R_{ck}	=	45.00	MPa
Resistenza a compressione cilindrica	f_{ck}	=	$0.83 \times R_{ck}$	= 37.35 MPa
Resistenza cilindrica media	f_{cm}	=	$f_{ck} + 8$	= 45.35 MPa
Modulo elastico	E_c	=	$22000 \times (f_{cm}/10)^{0.3}$	= 34625 MPa
Coefficiente parziale di sicurezza calcestruzzo	γ_c	=	1.5	
Coefficiente per le resistenze di lunga durata	α_{cc}	=	0.85	
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc} \times f_{ck} / \gamma_c$	= 21.16 MPa
Resistenza a trazione media	f_{ctm}	=	$0.30 \times f_{ck}^{2/3}$	= 3.35 MPa
Resistenza a trazione	f_{ctk}	=	$0.7 \times f_{ctm}$	= 2.35 MPa
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk} / γ_c	= 1.56 MPa
S.L.E.				
Tensione limite di esercizio (comb. Rare)	σ_{cR}	=	$f_{ck} \times 0.55$	= 19.25 MPa
Tensione limite di esercizio (comb. Quasi Perm.)	σ_{cP}	=	$f_{ck} \times 0.40$	= 14.00 MPa
Classe di esposizione fondazioni	XF3			
Classe di esposizione elevazioni	XC4+XD3+XF4			

5.1.3 CARATTERISTICHE DEL CALCESTRUZZO AI FINI DELLA DURABILITÀ

Al fine di valutare le caratteristiche vincolanti delle miscele di calcestruzzo nei confronti della durabilità viene fatto riferimento alla norma EN 206-1 ed alla norma UNI 11104.

Di seguito viene riportata la classe di esposizione che risulta vincolante ai fini delle caratteristiche della miscela. Inoltre, sono riportati la classe di resistenza, la dimensione massima degli aggregati, la classe di consistenza ed il copriferro minimo delle armature, tenuto anche conto della Vita Nominale dell'opera $V_N = 100$ anni:

Calcestruzzo fondazioni:

Classe di esposizione XF3

Classe di resistenza caratteristica a compressione: C35/45

Dimensione max aggregati: 25 mm

Classe minima di consistenza: S4

Copriferro minimo: 50 mm

Calcestruzzo elevazioni:

Classe di esposizione XC4+XD3+XF4

Classe di resistenza caratteristica a compressione: C35/45

Dimensione max aggregati: 25 mm

Classe minima di consistenza: S4

Copriferro minimo: 60 mm

5.1.4 COPRIFERRO

Ai fini di preservare le armature dai fenomeni di aggressione ambientale, dovrà essere previsto un idoneo copriferro; il suo valore, misurato tra la parete interna del cassero e la generatrice dell'armatura metallica più vicina, individua il cosiddetto "copriferro nominale".

Il copriferro nominale è somma di due contributi, il copriferro minimo e la tolleranza di posizionamento.

Nel caso in oggetto si hanno i seguenti parametri:

- Classe di esposizione XF3 fondazioni e XC4+XD3+XF4 per le elevazioni
- Classe di resistenza caratteristica a compressione: C35/45
- Dimensione max aggregati: 25 mm
- Classe minima di consistenza: S4

Il valore del copriferro minimo è valutato secondo quanto riportato al punto C4.1.6.1.3 della Circolare n. 7. Nel caso in esame la classe di esposizione ambientale è aggressiva e si pone, come da tabella C4.1.IV un copriferro minimo pari a 40 mm. La tolleranza di posizionamento è pari a 10 mm. Inoltre, data la vita nominale della struttura pari a 100 anni, come da normativa, deve aggiungersi un copriferro aggiuntivo pari a 10 mm. Si ottiene pertanto un copriferro nominale pari a 60 mm per le elevazioni e 50 mm per le fondazioni.

Tabella C4.1.IV - Copriferri minimi in mm

			barre da c.a. elementi a piastra		barre da c.a. altri elementi		cavi da c.a.p. elementi a piastra		cavi da c.a.p. altri elementi	
C _{min}	C _o	ambiente	C _o ≥ C _{min}	C _o < C _{min}	C _o ≥ C _{min}	C _o < C _{min}	C _o ≥ C _{min}	C _o < C _{min}	C _o ≥ C _{min}	C _o < C _{min}
C25/30	C35/45	ordinario	15	20	20	25	25	30	30	35
C30/37	C40/50	aggressivo	25	30	30	35	35	40	40	45
C35/45	C45/55	molto ag.	35	40	40	45	45	50	50	50

5.2 ACCIAIO

5.2.1 ACCIAIO PER BARRE DI ARMATURA LENTA

Per le barre di armatura lenta è stato previsto un acciaio del tipo **B450C**, con le seguenti caratteristiche meccaniche:

- $f_{t,k}$ = 540,00 MPa (resistenza caratteristica a rottura)
- $f_{y,k}$ = 450,00 MPa (tensione caratteristica di snervamento)
- γ_s = 1,15 (Coefficiente parziale di sicurezza acciaio)
- $f_{y,d} = f_{y,k}/\gamma_s = 391,30$ MPa (tensione di snervamento di calcolo)
- $E_s = 200.000$ MPa (modulo elastico istantaneo)

- $\sigma_{sR} = f_{yk} * 0.75 = 337,50 \text{ MPa}$ (Tensione limite di esercizio per comb. Rare)

6 CARATTERIZZAZIONE GEOTECNICA

I parametri necessari a definire le caratteristiche del terreno ai fini del calcolo delle strutture sono ricavati dagli elaborati geologici e geotecnici allegati al Progetto Esecutivo.

In particolare, con riferimento agli allegati da 1 a 5 della relazione geologica di cui si riporta nella figura seguente uno stralcio, risulta che i terreni sono costituiti da depositi alluvionali stabilizzati sub-affioranti. A seguito della campagna di indagini geognostiche effettuate nel novembre 2018, risulta che il sondaggio geognostico SP.3 è quello posto in prossimità dell'opera in progetto.

Dss	<p>Depositi alluvionali stabilizzati subaffioranti Sedimenti di fondovalle non interessati dall'azione del corso d'acqua: ghiaie e sabbie medio grossolane, con frazione più fine nelle zone distali</p>
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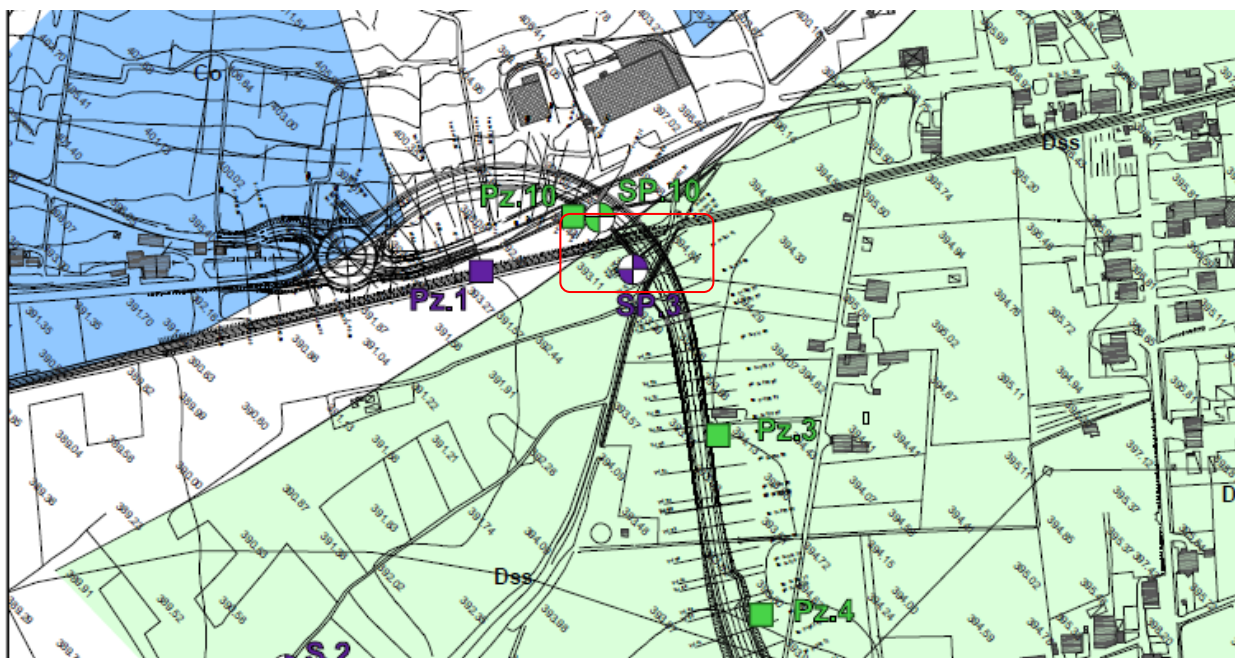


Figura 1: stralcio della carta geomorfologica con ubicazione dei sondaggi nel tratto di interesse

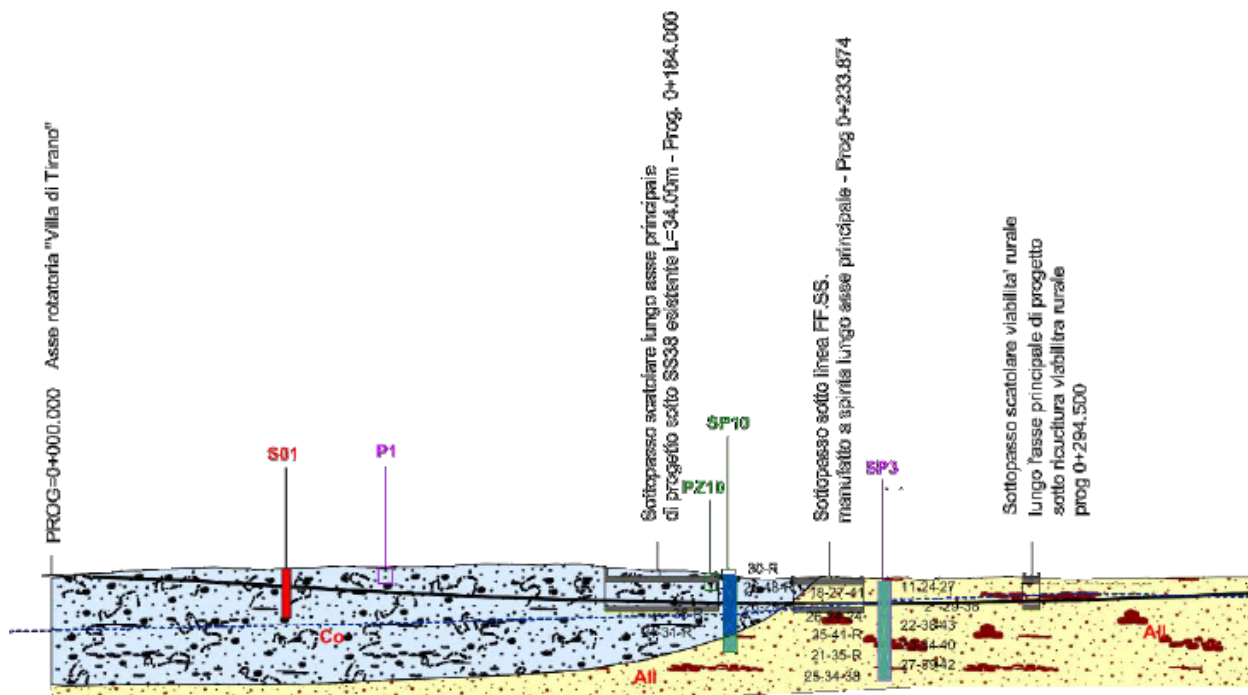


Figura 1a: stralcio del profilo geologico

La falda interessa l'opera oggetto della presente relazione; in particolare in corrispondenza del sondaggio SP.3 è stata rinvenuta a una profondità pari a 5,80 m dal piano campagna per cui in corrispondenza del sottopasso risulta a quota + 387,00 m. Nella seguente tabella, estratta dalla Tabella 5.13 della relazione geotecnica, sono riportati per i **Depositi Alluvionali** i parametri geotecnici (Angolo di attrito φ , densità relativa DR, Modulo Elastico E, Modulo Edometrico E_d) ottenuti dalle prove SPT effettuate in foro. In particolare, per il sondaggio SP.3 si ha:

- Angolo di attrito medio $\varphi = 36,20^\circ$
- Densità relativa media DR = 59,35 %
- Modulo Elastico medio E = 342,20 daN/cm²
- Modulo Edometrico medio $E_d = 132,779$ daN/cm²

Tabella 5.13 – Alluvioni - Parametri geotecnici da prove SPT

DEPOSITI ALLUVIONALI - PARAMETRI GEOTECNICI DA PROVE S.P.T.										
Sondaggio	N'(60)	N(60)	Angolo di Attrito φ (°)	Valore medio per sondaggio	Densità Relativa DR (%)	Valore medio per sondaggio	Modulo Elastico E (Kg/cm ²)	Valore medio per sondaggio	Modulo edometrico Ed (Kg/cm ²)	Valore medio per sondaggio
N°	Valori Nspt Normalizzati	Valori Nspt Normalizzati	Japanese National Railway		Bazaraa (1962)		Jamioikowski et Al. (1988)		Begemann (1974) (sabbie e ghiaie)	
SP.1	36,31	45,79	37,89	34,41	68,57	55,76	370,85	355,65	138,41	126,80
SP.1	54,28	80,33	43,28		85,59		602,79		156,38	
SP.1	26,87	44,89	35,06		60,67		376,00		128,97	
SP.1	21,04	38,75	33,31		53,73		333,97		123,14	
SP.1	17,74	35,44	32,32		49,18		311,09		119,84	
SP.1	15,22	32,60	31,57		45,31		290,62		117,32	
SP.1	12,44	28,35	30,73		40,71		257,28		114,54	
SP.1	13,71	33,55	31,11		42,30		302,58		115,81	
S.2	48,80	30,48	41,64		64,71		250,98		150,90	
S.2	37,14	36,95	38,14		65,90		302,74		139,24	
S.2	42,78	63,32	39,84	75,99	496,42	144,88				
S.2	42,43	70,88	39,73	76,24	555,07	144,53				
S.2	26,69	49,14	35,01	60,51	411,91	128,79				
S.2	32,17	64,26	36,65	66,23	525,78	134,27				
S.2	33,08	70,88	36,92	66,81	578,47	135,18				
SP.3	57,88	36,15	44,36	36,20	70,47	59,35	290,38	342,28	159,98	132,77
SP.3	54,90	54,62	43,47		80,13		420,34		157,00	
SP.3	29,19	36,81	35,76		61,49		307,27		131,29	
SP.3	20,12	29,77	33,03		52,10		258,27		122,22	
SP.3	27,16	45,36	35,15		60,99		379,45		129,26	
SP.3	21,05	42,05	33,32		53,57		362,70		123,15	
SP.3	19,91	45,36	32,97		51,49		394,53		122,01	
SP.3	15,12	36,38	31,54		44,54		325,30		117,22	
S.4	66,96	41,82	47,09		75,80		328,14		169,06	
S.4	55,70	55,42	43,71		80,71		425,38		157,80	

Nella seguente Tabella 6.4, sempre estratta dalla relazione geotecnica, sono riportati per i **Depositi Alluvionali** i valori caratteristici e di calcolo dell'angolo di attrito φ .

Tabella 6.4 – Depositi alluvionali - Valori caratteristici e di calcolo dell'angolo di attrito

Anno	Sondaggio	Angolo di attrito φ' (°)	Correzione per granulometria φ' (°)	Valore caratteristico φ'_c (°)	Valore di calcolo φ'_{cal} (°)
2002	SP.1	34,41	39,44	36,93	32,47
	S.2	38,28	38,91	38,60	34,26
	SP.3	36,20	39,90	38,05	33,67
	S.4	45,40	37,31	41,35	37,33
	SP.5	33,54		33,54	28,98
	S.6	33,42		33,42	28,87
	SP.7	32,84		32,84	28,28
	S.8	34,21	35,98	35,10	30,57
	SP.9	35,69	36,24	35,96	31,46
	SP.14	31,39	36,55	33,97	29,42
2009	S.1	39,22	38,48	38,85	34,53
	S.8	35,13	38,13	36,63	32,16
	S.9	34,84	38,09	36,46	31,98
2019	S.2DH	35,42	38,75	37,08	32,64
	S.03	34,66	39,36	37,01	32,56
	S.04PZ	34,72	36,47	35,60	31,08
	S.05	34,21		34,21	29,66
	S.06DH	34,37	36,80	35,59	31,07
	S.07PZ	33,55	36,66	35,11	30,57
	S.08PZ	33,29	35,88	34,59	30,04
			Media valori	36,04	31,58

Per quanto riguarda l'angolo di attrito di calcolo (o di progetto) dei **Depositi alluvionali** per il manufatto oggetto della presente relazione si assumerà, comunque a vantaggio di sicurezza, un valore $\varphi = 31^\circ$.

Per quanto riguarda il peso di volume dei **Depositi Alluvionali**, così come riportato nel paragrafo 6.2 della Relazione Geotecnica, si assumerà per il manufatto oggetto della presente relazione un valore $\gamma_{saturo} = 21 \text{ kN/m}^3$ e un valore con falda assente $\gamma = 19 \text{ kN/m}^3$

Per quanto riguarda la coesione efficace dei **Depositi Alluvionali**, così come riportato nel paragrafo 6.2 della Relazione Geotecnica, si assumerà per il manufatto oggetto della presente relazione un valore $c' = 0 \text{ kN/m}^2$.

Pertanto, per il sottopasso oggetto della presente relazione si assumono i seguenti valori di progetto/calcolo:

$$\gamma = 19 \text{ kN/m}^3$$

$$\gamma \text{ saturo} = 21 \text{ kN/m}^3$$

$$\Phi = 31^\circ$$

$$c' = 0 \text{ kPa}$$

Modulo di deformazione

Il valore della costante di sottofondo è stato ottenuto mediante una formulazione approssimata.

$$K_s = E_s/B/(1-\mu^2) = 342,20/100/(1-0.3^2) = 3,76 \text{ daN/cm}^3$$

6.1 SCAVI E RIEMPIMENTI

La realizzazione dell'opera avverrà secondo le modalità operative riportate nelle corrispondenti tavole di progetto. Essendo la berlinese in micropali di tipo provvisoria, la struttura sarà verificata considerando a tergo dei piedritti terreno naturale avente angolo di attrito 30° con $\gamma = 19 \text{ kN/m}^3$ e $\gamma_{\text{saturo}} = 21 \text{ kN/m}^3$.

6.2 VERIFICA AL GALLEGGIAMENTO

La verifica al galleggiamento è condotta in quanto la quota intradosso fondazione 382,65 m è inferiore alla quota di falda 387,00 m.

Deve risultare che il valore di progetto dell'azione instabilizzante $V_{\text{inst,d}}$, combinazione di azioni permanenti ($G_{\text{inst,d}}$) e variabili ($Q_{\text{inst,d}}$), sia non maggiore della combinazione dei valori di progetto delle azioni stabilizzanti ($G_{\text{stab,d}}$) e delle resistenze (R_d):

$$V_{\text{inst,d}} \leq G_{\text{stab,d}} + R_d \quad (6.2.4.2 \text{ delle NTC 2018})$$

$$\text{dove } V_{\text{inst,d}} = G_{\text{inst,d}} + Q_{\text{inst,d}} \quad (6.2.5).$$

Per le verifiche di stabilità al sollevamento, i relativi coefficienti parziali sulle azioni sono indicati nella Tab. 6.2.III delle NTC 2018.

$\gamma_{G, \text{inst}} = 1,1$
$\gamma_{G, \text{stab}} = 0,9$

Tali coefficienti devono essere combinati in modo opportuno con quelli relativi ai parametri geotecnici (M2).

Nella verifica dell'equilibrio della sezione alla traslazione verticale, la forza destabilizzante è la pressione idrostatica e quelle equilibranti sono i pesi propri delle strutture definitive, del terreno sopra le sole di fondazione e le resistenze di attrito lungo le pareti laterali. A favore di sicurezza si trascurano non solo tutti i pesi permanenti portati e gli accidentali, ma anche le anzidette resistenze di attrito.

La verifica al galleggiamento è stata condotta con riferimento allo stato limite di sollevamento (UPL) ed in relazione al battente idraulico della "falda di progetto" pari a 387,00 m.

Si distinguono due verifiche, ossia la verifica al galleggiamento a struttura ultimata e la verifica al galleggiamento in fase di realizzazione dell'opera.

A opera ultimata, la verifica al galleggiamento risulta verificata considerando il solo peso proprio delle strutture in c.a.

VERIFICA IN FASE FINALE (a metro lineare di lunghezza di sottopasso)

Zw	387	m	quota falda
Zw	382,65	m	quota scavo
Hw	4,35	m	altezza falda
γ_G , inst	1,1		coefficiente parziale azioni instabilizzanti
γ_G , stab	0,9		coefficiente parziale azioni stabilizzanti
γ_w	10	kN/m ³	peso di volume dell'acqua
γ_{cls}	25	kN/m ³	peso di volume del calcestruzzo
Pp	2424	kN	peso struttura in c.a.
Ap	21,1	m ²	Area platea
Sw	917,85	kN	sottospinta idraulica
Pp* γ_G , stab	2181,6	kN	Peso ridotto complessivo strutture
Sw)* γ_G , inst	1009,635	kN	sottospinta idraulica amplificata
coefficiente di sicurezza	2,160780876		OK

In fase di realizzazione dell'opera, la verifica al galleggiamento è condotta al fine di determinare lo spessore del tappo di fondo. Come azioni stabilizzanti sono state considerate:

- Peso proprio del tappo di fondo in jet grouting
- Peso dello strato del terreno compreso tra l'estradosso del tappo di fondo in jet grouting e l'intradosso della platea di varo

Considerando uno spessore di jet grouting pari a 4,50 m e uno strato di perforazione a vuoto di 1,00 m si ha la seguente VERIFICA IN FASE TRANSITORIA (REALIZZAZIONE DELLE OPERE):

Azione stabilizzante $(4,50 \text{ m} \times 24 \text{ kN/m}^3 + 1,00 \text{ m} \times 20 \text{ kN/m}^3) \times 0,9 = 115,2 \text{ kN/m}^2$

Azione instabilizzante $(4,35 \text{ m} + 0,50 \text{ m} + 4,50 \text{ m} + 1,00 \text{ m}) \times 10 \text{ kN/m}^3 \times 1,1 = 113,85 \text{ kN/m}^2$

Il coefficiente di sicurezza è $115,2/113,85 > 1$

7 CARATTERIZZAZIONE SISMICA

7.1 VITA NOMINALE

La vita nominale di progetto V_N di un'opera è convenzionalmente definita come il numero di anni nel quale è previsto che l'opera, purché soggetta alla necessaria manutenzione, mantenga specifici livelli prestazionali.

I valori minimi di V_N da adottare per i diversi tipi di costruzione sono riportati nella Tab. 2.4.I delle NTC2018. Tali valori possono saranno impiegati anche per definire le azioni dipendenti dal tempo.

Tab. 2.4.I – Valori minimi della Vita nominale V_N di progetto per i diversi tipi di costruzioni

TIPI DI COSTRUZIONI		Valori minimi di V_N (anni)
1	Costruzioni temporanee e provvisorie	10
2	Costruzioni con livelli di prestazioni ordinari	50
3	Costruzioni con livelli di prestazioni elevati	100

Nel caso in oggetto, l'opera ricade nella definizione di "**Costruzioni con livelli di prestazioni elevati**".

La vita nominale viene pertanto assunta: $V_N = 100$ anni.

7.2 CLASSE D'USO

Il DM 17/01/2018 al punto 2.4.2 attribuisce alle costruzioni, in funzione della loro destinazione d'uso e quindi delle conseguenze di una interruzione di operatività o di un'eventuale collasso in conseguenza di un evento sismico, diverse classi d'uso. Nel caso in oggetto si fa riferimento alla Classe III: *"Costruzioni il cui uso preveda affollamenti significativi. Industrie con attività pericolose per l'ambiente. Reti viarie extraurbane non ricadenti in Classe d'uso IV. Ponti e reti ferroviarie la cui interruzione provochi situazioni di emergenza. Dighe rilevanti per le conseguenze di un loro eventuale collasso."*

Il coefficiente d'uso risulta pertanto: $C_U = 1.5$.

7.3 PERIODO DI RIFERIMENTO PER L'AZIONE SISMICA

Le azioni sismiche su ciascuna costruzione vengono valutate in relazione ad un periodo di riferimento V_R che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale V_N per il coefficiente d'uso C_U .

Per l'opera in progetto si ottiene pertanto il periodo di riferimento: $V_R = V_N \times C_U = 100 \times 1.5 = 150$ anni.

7.4 PERICOLOSITÀ SISMICA DI BASE

Il progetto in esame ricade nel Comune di Tirano. La pericolosità sismica, in accordo alle NTC 2018, è definita in termini di accelerazione orizzontale massima attesa a_g in condizioni di campo libero su sito di riferimento rigido con superficie topografica orizzontale, con riferimento a prefissate probabilità di eccedenza PVR, come definite al § 3.2.1 NTC 2018, nel periodo di riferimento V_R come definito al § 2.4 NTC 2018.

Considerando un periodo di riferimento $V_R = 150$ anni, uno stato limite di salvaguardia della vita (SLV) corrisponde a una probabilità di superamento PVR nel periodo di riferimento V_R pari al 10%.

I terreni presenti nell'area in esame appartengono alla categoria di sottosuolo B.

Per quanto riguarda il coefficiente topografico, per configurazioni topografiche semplici, si può adottare la classificazione come da Tabella 3.2.III delle NTC 2018; nel caso in esame (Superficie pianeggiante, pendii e rilievi isolati con inclinazione media $i \leq 15^\circ$) si considera la categoria T1.

Il coefficiente S che tiene conto della categoria di sottosuolo e delle condizioni topografiche viene definito mediante la relazione seguente:

$$S = S_S \times S_T$$

con

S_S = coefficiente di amplificazione stratigrafica

S_T = coefficiente di amplificazione topografica

Tab. 3.2.V – Valori massimi del coefficiente di amplificazione topografica S_T

Categoria topografica	Ubicazione dell'opera o dell'intervento	S_T
T1	-	1,0
T2	In corrispondenza della sommità del pendio	1,2
T3	In corrispondenza della cresta di un rilievo con pendenza media minore o uguale a 30°	1,2
T4	In corrispondenza della cresta di un rilievo con pendenza media maggiore di 30°	1,4

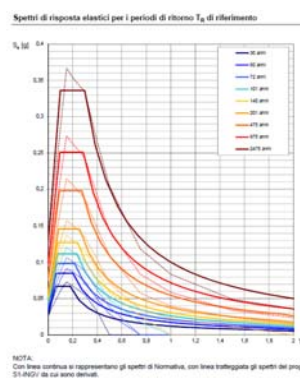
Tab. 3.2.IV – Espressioni di S_S e di C_C

Categoria sottosuolo	S_S	C_C
A	1,00	1,00
B	$1,00 \leq 1,40 - 0,40 \cdot F_o \cdot \frac{a_g}{g} \leq 1,20$	$1,10 \cdot (T_C^*)^{-0,20}$
C	$1,00 \leq 1,70 - 0,60 \cdot F_o \cdot \frac{a_g}{g} \leq 1,50$	$1,05 \cdot (T_C^*)^{-0,33}$
D	$0,90 \leq 2,40 - 1,50 \cdot F_o \cdot \frac{a_g}{g} \leq 1,80$	$1,25 \cdot (T_C^*)^{-0,50}$
E	$1,00 \leq 2,00 - 1,10 \cdot F_o \cdot \frac{a_g}{g} \leq 1,60$	$1,15 \cdot (T_C^*)^{-0,40}$

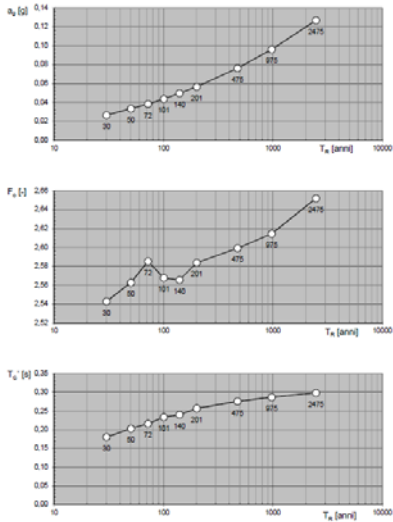
Nel caso specifico, riassumendo, si ha:

Categoria di suolo B
Categoria topografica T1
Coeff. di amplificazione stratigrafica SS 1.20
Coefficiente di amplificazione topografica ST 1.000
Coefficiente S = $S_S \times S_T$ 1.20

TABELLA 1 – PARAMETRI PER LA VALUTAZIONE DELL'AZIONE SISMICA



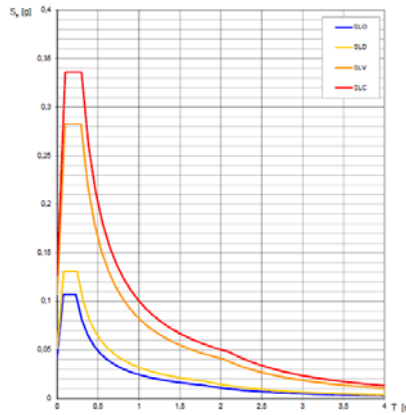
Valori dei parametri a_g , F_o , T_C : variabilità col periodo di ritorno T_R



Valori dei parametri a_g , F_o , T_C per i periodi di ritorno T_R di riferimento

T_R [anni]	a_g [g]	F_o [-]	T_C [s]
30	0,026	2,543	0,180
50	0,033	2,563	0,203
72	0,038	2,585	0,216
101	0,044	2,568	0,234
140	0,050	2,565	0,240
201	0,057	2,584	0,257
475	0,076	2,599	0,275
975	0,096	2,614	0,287
2475	0,127	2,652	0,298

Spettri di risposta elastici per i diversi Stati Limite



FASE 2. SCELTA DELLA STRATEGIA DI PROGETTAZIONE

Vita nominale della costruzione (in anni) - V_n [anni]

Coefficiente d'uso della costruzione - C_u [anni]

Valori di progetto

Periodo di riferimento per la costruzione (in anni) - V_R [anni]

Periodi di ritorno per la definizione dell'azione sismica - T_R [anni]

Stati limite di esercizio - SLE

- SLE - $P_{int} = 81\%$ [anni]
- SLE - $P_{int} = 63\%$ [anni]
- SLE - $P_{int} = 10\%$ [anni]
- SLE - $P_{int} = 5\%$ [anni]

Elaborazioni

- Grafico parametri azione
- Grafico spettri di risposta
- Tabella parametri azione

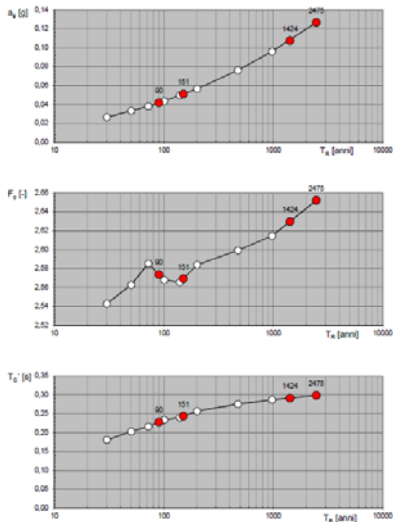
Strategia di progettazione

LEGENDA GRAFICO

- Strategia per costruzioni ordinarie
- Strategia scelta

INTRO FASE 1 **FASE 2** FASE 3

Valori di progetto dei parametri a_g , F_o , T_C in funzione del periodo di ritorno T_R



Valori dei parametri a_g , F_o , T_C per i periodi di ritorno T_R associati a ciascuno SL

SLATO LIMITE	T_R [anni]	a_g [g]	F_o [-]	T_C [s]
SLO	90	0,042	2,574	0,228
SLD	151	0,051	2,569	0,244
SLV	1424	0,107	2,630	0,291
SLC	2475	0,127	2,652	0,298

FASE 3. DETERMINAZIONE DELL'AZIONE DI PROGETTO

Stato Limite
 Stato Limite considerato: SLV

Richiesta sismica locale
 Categoria di sottosuolo: B
 Categoria topografica: T1

Compon. orizzontale
 Spettro di progetto elastico (SLE)
 Spettro di progetto inelastico (SLI)

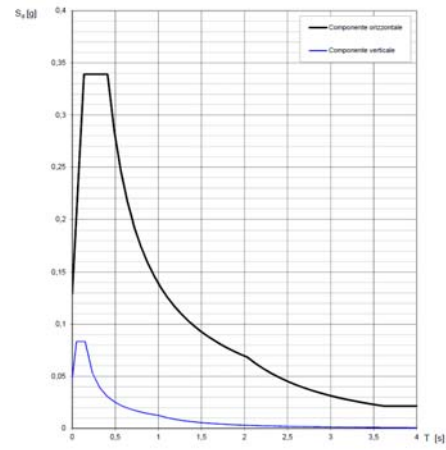
Compon. verticale
 Spettro di progetto

Elaborazioni
 Grafici spettri di risposta
 Parametri e punti spettri di risposta

Spettro di progetto - componente orizzontale
 Spettro di progetto - componente verticale
 Spettro elastico di riferimento (Cat. A-T1, (+/- 5%)

INTRO FASE 1 FASE 2 FASE 3

Spettri di risposta (componenti orizz. e vert.) per lo stato limite: SLV



Parametri e punti dello spettro di risposta orizzontale per lo stato limite: SLV

Parametri indipendenti

STATO LIMITE	SLV
a_g	0,107 g
F_c	2,630
T_c	0,291 s
S_a	1,200
C_d	1,408
C_v	1,000
q	1,000

Parametri dipendenti

S	1,200
η	1,000
T_B	0,137 s
T_C	0,410 s
T_D	2,030 s

Espressioni dei parametri dipendenti

$$S = S_a \cdot S_v \quad (\text{NTC-08 Eq. 3.2.5})$$

$$\eta = \sqrt{10 \cdot (S = 2)} \geq 0.55; \eta - 1 \leq q \quad (\text{NTC-08 Eq. 3.2.6; §. 3.2.3.5})$$

$$T_B = T_c / 3 \quad (\text{NTC-07 Eq. 3.2.8})$$

$$T_C = C_d \cdot T_c \quad (\text{NTC-07 Eq. 3.2.7})$$

$$T_D = 4 \cdot 0.4 \cdot g / 1.6 \quad (\text{NTC-07 Eq. 3.2.9})$$

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$$0 \leq T < T_B \quad S_d(T) = a_g \cdot S \cdot \eta \cdot F_v \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_v} \left(1 - \frac{T}{T_B} \right) \right]$$

$$T_B \leq T < T_C \quad S_d(T) = a_g \cdot S \cdot \eta \cdot F_v$$

$$T_C \leq T < T_D \quad S_d(T) = a_g \cdot S \cdot \eta \cdot F_v \left(\frac{T_C}{T} \right)$$

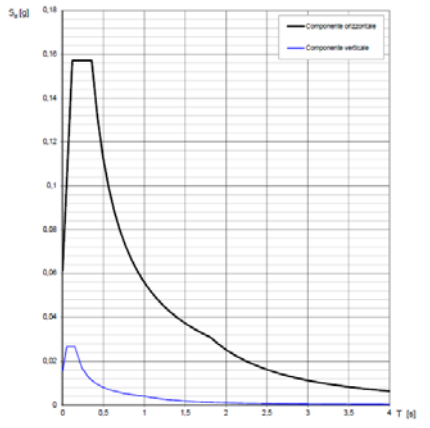
$$T_D \leq T \quad S_d(T) = a_g \cdot S \cdot \eta \cdot F_v \left(\frac{T_C \cdot T_D}{T} \right)$$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ulteri è ottenuto dalle espressioni dello spettro elastico $S_e(T)$ sostituendo η con $1/q$, dove q è il fattore di struttura. (NTC-08 § 3.2.3.5)

Punti dello spettro di risposta

T [s]	S_d [g]
0.000	0.129
0.137	0.339
0.410	0.339
0.487	0.285
0.564	0.246
0.641	0.217
0.719	0.193
0.796	0.175
0.873	0.159
0.950	0.146
1.027	0.135
1.104	0.129
1.181	0.118
1.258	0.110
1.336	0.104
1.413	0.098
1.490	0.093
1.567	0.089
1.644	0.085
1.721	0.081
1.798	0.077
1.876	0.074
1.953	0.071
2.030	0.068
2.104	0.065
2.177	0.062
2.250	0.059
2.323	0.056
2.396	0.053
2.469	0.050
2.542	0.047
2.615	0.044
2.688	0.041
2.761	0.038
2.834	0.035
2.907	0.032
2.980	0.029
3.053	0.026
3.126	0.023
3.199	0.020
3.272	0.017
3.345	0.014
3.418	0.011
3.491	0.008
3.564	0.005
3.637	0.002
3.710	0.001
3.783	0.001
3.856	0.001
3.929	0.001
4.000	0.001

Spettri di risposta (componenti orizz. e vert.) per lo stato limite: SLD



FASE 3. DETERMINAZIONE DELL'AZIONE DI PROGETTO

Stato Limite
 Stato Limite considerato: SLD

Richiesta sismica locale
 Categoria di sottosuolo: B
 Categoria topografica: T1

Compon. orizzontale
 Spettro di progetto elastico (SLE)
 Spettro di progetto inelastico (SLI)

Compon. verticale
 Spettro di progetto

Elaborazioni
 Grafici spettri di risposta
 Parametri e punti spettri di risposta

Spettro di progetto - componente orizzontale
 Spettro di progetto - componente verticale
 Spettro elastico di riferimento (Cat. A-T1, (+/- 5%)

INTRO FASE 1 FASE 2 FASE 3

Parametri e punti dello spettro di risposta orizzontale per lo stato limite: SLD

Parametri indipendenti		Punti dello spettro di risposta	
STATO LIMITE	SLD	T (s)	SD (g)
γ_a	0.951 g	0.100	0.951
γ_b	2.860	0.110	0.157
γ_c	0.244 s	0.205	0.157
γ_d	1.200	0.424	0.132
γ_e	1.450	0.480	0.113
γ_f	1.000	0.582	0.099
γ_g	1.000	0.611	0.089
γ_h	1.000	0.700	0.080
γ_i	1.000	0.769	0.073
γ_j	1.000	0.838	0.067
γ_k	1.000	0.907	0.062
γ_l	1.000	0.976	0.057
γ_m	0.110 s	1.045	0.053
γ_n	0.305 s	1.114	0.050
γ_o	1.804 s	1.183	0.047
		1.252	0.045
		1.321	0.042
		1.390	0.040
		1.459	0.038
		1.528	0.037
		1.597	0.036
		1.666	0.034
		1.735	0.033
		1.804	0.031
		1.874	0.029
		1.943	0.028
		2.013	0.026
		2.082	0.025
		2.152	0.024
		2.221	0.023
		2.291	0.022
		2.360	0.021
		2.430	0.020
		2.500	0.019
		2.570	0.017
		2.640	0.016
		2.710	0.014
		2.780	0.013
		2.850	0.012
		2.920	0.012
		3.000	0.011
		3.080	0.010
		3.160	0.009
		3.240	0.009
		3.320	0.008
		3.400	0.007
		3.480	0.007
		3.560	0.007
		3.640	0.007
		3.720	0.007
		3.800	0.007
		3.880	0.007
		3.960	0.007
		4.000	0.006

Parametri dipendenti	
γ	1.000
η	1.000
β	0.110 s
β_c	0.305 s
β_o	1.804 s

Espressioni dei parametri dipendenti

$S_1 = S_2, S_3$ (NTC-08 Eq. 3.2.5)
 $\nu = \sqrt{0.75(1-\nu)} \geq 0.55, \nu = 1 - \nu$ (NTC-08 Eq. 3.2.6, § 3.2.3.6)
 $T_n = T_n / \beta$ (NTC-07 Eq. 3.2.8)
 $T_c = C_n / \beta$ (NTC-07 Eq. 3.2.7)
 $T_1 = 4.0 \cdot a_n / g + 1.0$ (NTC-07 Eq. 3.2.6)

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$0 \leq T < T_n$ $S_d(T) = a_n \cdot S_n \cdot \eta \cdot E \cdot \left(\frac{T}{T_n} + \frac{1}{\beta} \right) \cdot \left(\frac{T}{T_n} \right)$
 $T_n \leq T < T_c$ $S_d(T) = a_n \cdot S_n \cdot \eta \cdot E \cdot \left(\frac{T}{T_n} \right)$
 $T_c \leq T < T_o$ $S_d(T) = a_n \cdot S_n \cdot \eta \cdot E \cdot \left(\frac{T}{T_c} \right)$
 $T_o \leq T$ $S_d(T) = a_n \cdot S_n \cdot \eta \cdot E \cdot \left(\frac{T_o}{T} \right)$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ulteri è ottenuto dalle espressioni dello spettro elastico $S_d(T)$ sostituendo η con η_{eq} , dove η è il fattore di struttura (NTC-08 § 3.2.3.6)

8 MODELLAZIONE STRUTTURALE

8.1 SCHEMATIZZAZIONE DELLA SOVRASTRUTTURA E DEI VINCOLI

Il manufatto scatolare è stato schematizzato in un modello ad elementi finiti di tipo “piastra” (shell). Le analisi di sollecitazione e le verifiche sono state condotte utilizzando il software IPERSPACE BIM 2.0.0 prodotto e distribuito dalla Soft.Lab S.r.l con sede in Ponte (BN).

I modelli matematici delle strutture analizzate, i dettagli dei quali sono riportati nei rispettivi allegati, sono stati realizzati utilizzando elementi bidimensionali secondo i criteri che seguono:

- elementi bidimensionali tipo guscio a 3 o 4 nodi;
- elementi bidimensionali tipo guscio su suolo elastico alla Winkler a 3 o 4 nodi;

8.2 MODELLAZIONE DEI MATERIALI

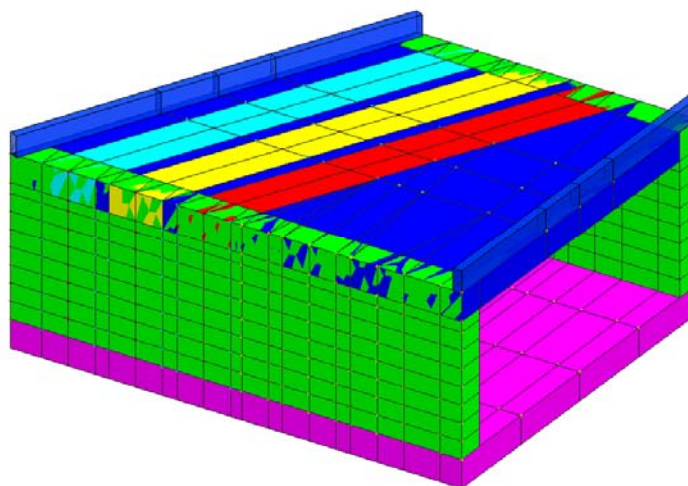
I materiali considerati hanno comportamento elastico lineare in fase di calcolo delle sollecitazioni.

8.3 MODELLAZIONE DEI VINCOLI ESTERNI E DEGLI SVINCOLI INTERNI

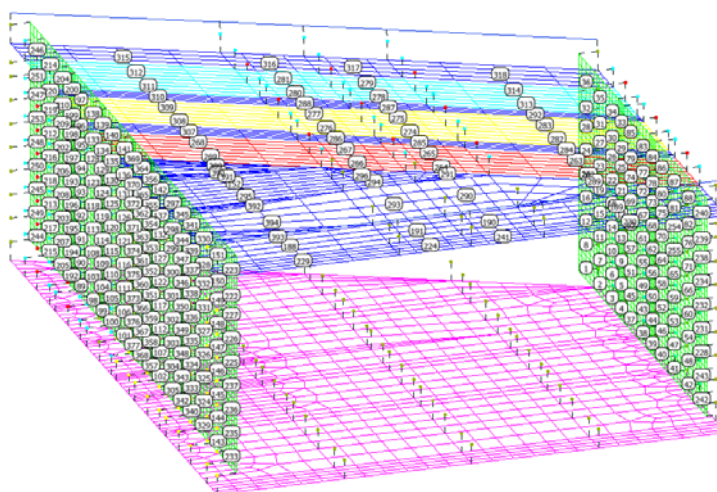
I vincoli esterni sono considerati puntuali e sono costituiti da vincoli rigidi o da molle a comportamento elastico lineare a simulare il suolo elastico alla Winkler.

8.4 MODELLO DI CALCOLO

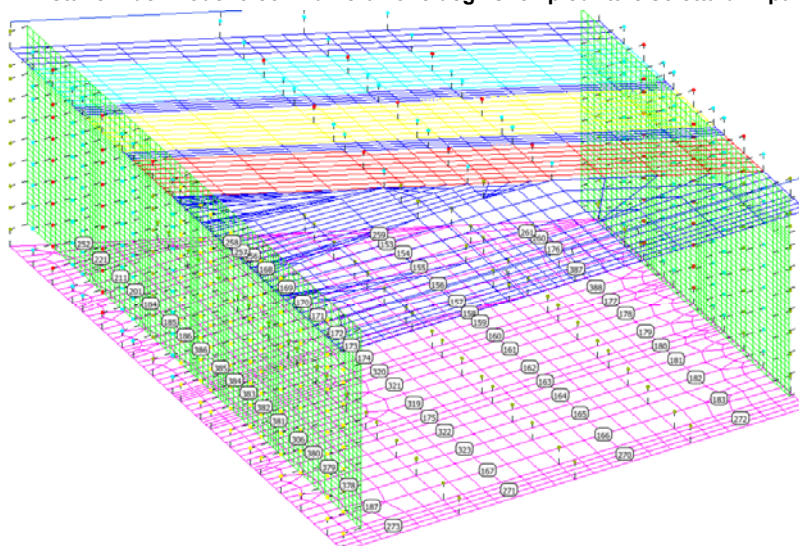
È stato assemblato un modello tridimensionale agli elementi finiti secondo le modalità descritte in precedenza. Si riportano qui di seguito alcune viste del modello nella rappresentazione con ingombri:



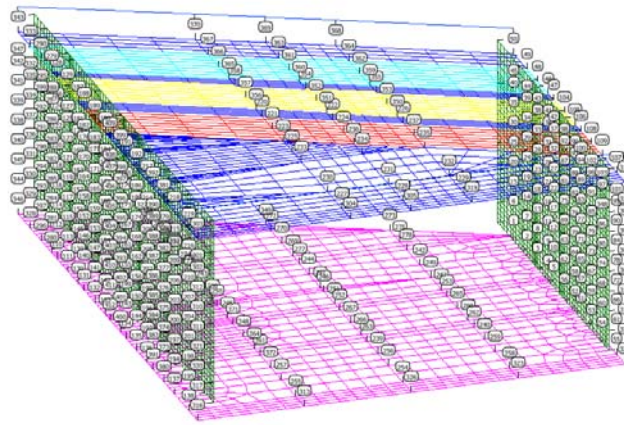
vista completa del modello



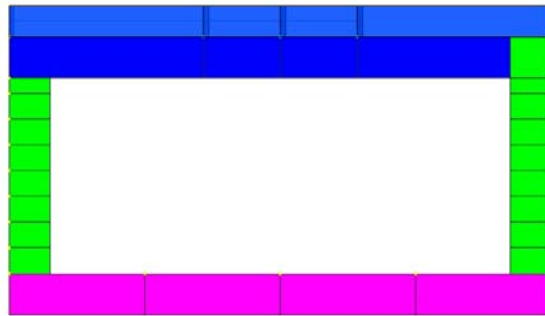
vista fem del modello con numerazione degli shell piedritti e soletta d'impalcato



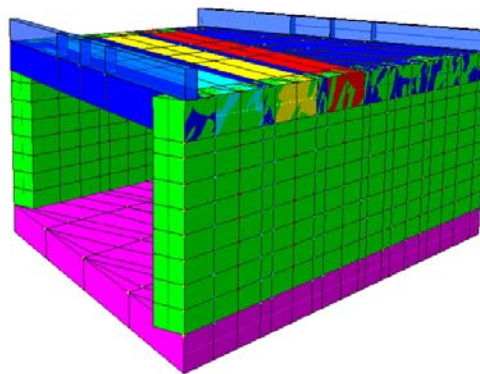
vista fem del modello con numerazione degli shell platea



vista fem del modello con numerazione dei nodi



vista frontale del modello



vista prospettica del modello

9 ANALISI DEI CARICHI

9.1 CARICHI PERMANENTI G1

9.1.1 PESO PROPRIO STRUTTURALE

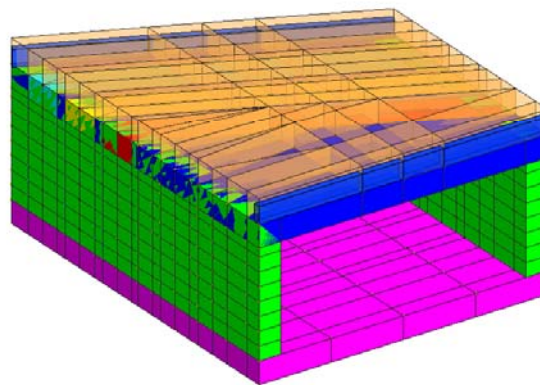
Il peso proprio è calcolato in automatico dal software in funzione dei pesi di volume inseriti nel database e alla reale geometria degli elementi. In particolare, il peso di volume del c.a. è stato assunto pari a 25 kN/m^3 . I parapetti laterali in c.a., da realizzare a varo avvenuto, hanno spessore $0,50 \text{ m}$ e altezza $1,20 \text{ m}$ circa.

9.1.2 CARICHI PERMANENTI SU SOLETTA DI COPERTURA

Si considerano i seguenti carichi permanenti portati sulla soletta:

- massiciata (ballast): $g_{s1} = 18 \times 0.90 = 16.20 \text{ kN/m}^2$
- massetto impermeab.: $g_{s2} = 25 \times 0.05 = 1.25 \text{ kN/m}^2$
- totale: $g_s = 16.20 + 1.25 = 17.25 \text{ kN/m}^2$

A vantaggio di sicurezza tale carico si considera uniformemente distribuito su tutta la soletta di copertura.



vista del modello con inserimento dei carichi permanenti sulla soletta di copertura

9.1.3 CARICHI PERMANENTI IN FONDAZIONE

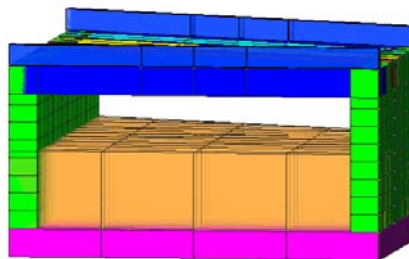
Per la sovrastruttura stradale (binder + usura + base + fondazione + misto cementato) dello spessore di 63 cm è stato assunto un peso di volume pari a 22 kN/m^3 .

Peso sovrastruttura = $22 \text{ kN/m}^3 \times 0,63 \text{ m} = 13,86 \text{ kN/m}^2$.

Per la massiciata stradale (materiale da rilevato) è stato assunto un peso di volume pari a 20 kN/m^3 . Lo spessore medio complessivo è pari a 150 cm in asse strada.

Peso massiciata = $20 \text{ kN/m}^3 \times 1,50 \text{ m} = 30 \text{ kN/m}^2$.

Sulla fondazione del sottopasso è stato applicato un carico uniformemente distribuito pari a $43,90 \text{ kN/m}^2$.



vista del modello con inserimento dei carichi permanenti in fondazione

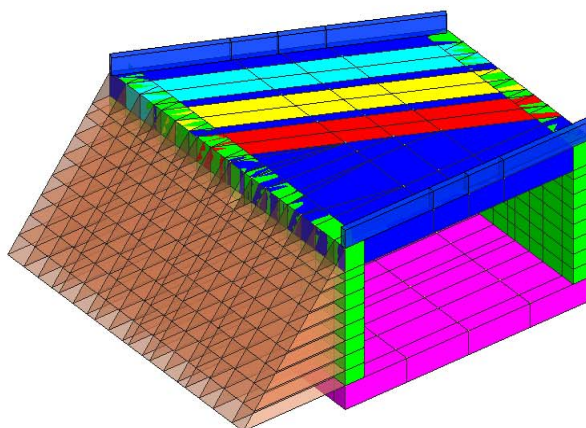
9.1.4 SPINTA SULLE PARETI DOVUTA AL TERRENO IN CONDIZIONI STATICHE E SPINTA IDROSTATICA

Per il materiale a tergo dei piedritti i parametri di progetto che si assumono sono:

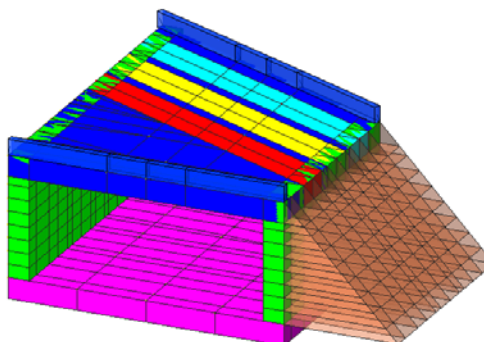
- Peso di volume $\gamma = 19 \text{ kN/m}^3$

- Angolo di attrito $\phi = 30^\circ$
- Coesione $c = 0$

Il coefficiente di spinta viene calcolato, considerando l'elevata rigidezza della struttura, utilizzando la formula $K_0=1-\sin\phi'$, per cui si ottiene un valore di $K_0= 0,50$.



vista del modello con inserimento delle spinte terreno sx



vista del modello con inserimento delle spinte terreno dx

La falda con superficie distante H_w dalla base del muro induce delle pressioni idrostatiche normali alla parete che, alla profondità z , sono espresse come segue:

$$P_w(z) = \gamma_w \cdot z$$

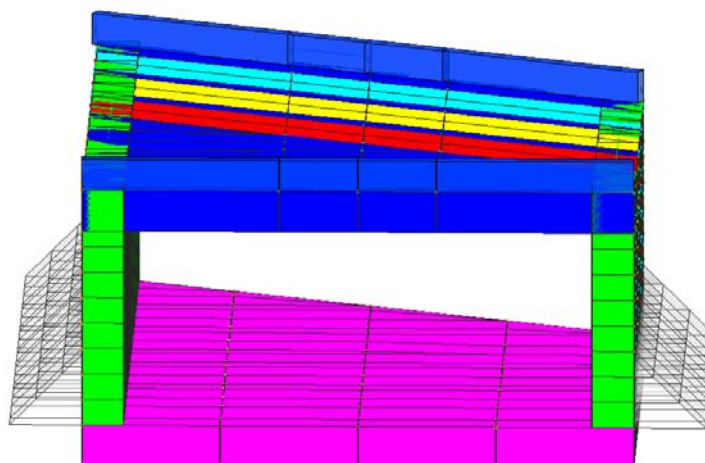
Con risultante pari a:

$$S_w = \frac{1}{2} \gamma_w \cdot H^2$$

La spinta del terreno immerso si ottiene sostituendo γt con $\gamma' t$ ($\gamma' t = \gamma_{\text{saturo}} - \gamma_w$), peso efficace del materiale immerso in acqua.

A vantaggio di sicurezza si considera per la parte immersa sia la spinta idrostatica sia la spinta del terreno con γt anziché $\gamma' t$.

Si considera la quota falda a 387,00 m per cui essendo la quota estradosso fondazioni pari a 384,25 m si ha $H_w = 2,75$ m.

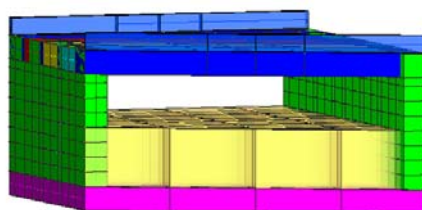


vista del modello con inserimento delle spinte idrostatiche della falda

9.2 AZIONI VARIABILI Q

9.2.1 AZIONI VARIABILI DA TRAFFICO STRADALE

In fondazione, per tenere conto del sovraccarico mobile variabile, si applica un carico uniformemente distribuito pari a 40 KN/m².



vista del modello con inserimento dei carichi stradali sulla fondazione

9.2.2 CARICHI VARIABILI FERROVIARI SU SOLETTA DI COPERTURA

I modelli di carico considerati sono LM71 (traffico ferroviario normale) e SW/2 (traffico ferroviario pesante), poiché il modello di carico SW/0 schematizza gli effetti statici prodotti dal traffico ferroviario normale per travi continue e quindi utilizzato solo per le travi continue qualora più sfavorevole dell'LM71.

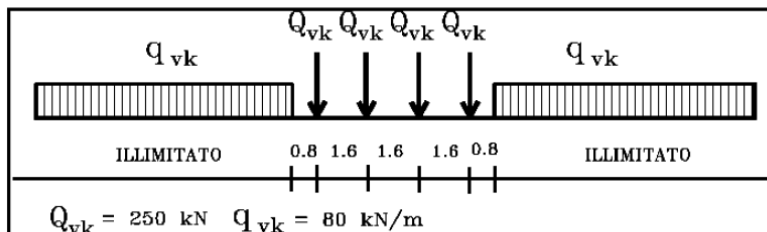


Fig. 5.2.1 - Modello di carico LM71

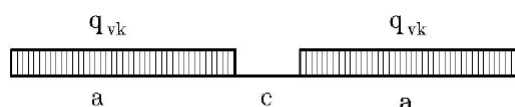


Fig. 5.2.2 - Modelli di carico SW

Tab. 5.2.I - Caratteristiche Modelli di Carico SW

Tipo di Carico	q_{vk} [kN/m]	a [m]	c [m]
SW/0	133	15,0	5,3
SW/2	150	25,0	7,0

Coefficiente di adattamento: treni di carico LM71, SW/0: $\alpha = 1.1$

treni di carico SW/2: $\alpha = 1.0$

Il carico ferroviario è stato considerato con inclinazione di circa 64° rispetto l'asse longitudinale dello scatolare.

Ripartizione trasversale: il carico ferroviario risulta distribuito su una larghezza efficace B ricavata ipotizzando una distribuzione del carico con inclinazione 4:1 all'interno del ballast

La larghezza B risulta pertanto dalla seguente espressione:

$$B = L_{\text{traversa}} + 2 \cdot \frac{1}{4} \cdot H_{\text{ballast}} = 2.30 + 2 \cdot \frac{1}{4} \cdot 0.90 = 2.75 \text{ m}$$

Ripartizione longitudinale (assi concentrati treno di carico LM71): i carichi concentrati vengono considerati uniformemente ripartiti in direzione longitudinale (del binario) su una lunghezza pari a 6.4 m (NTC 2018, § 5.2.2.2.1.4)

Calcolo del coefficiente dinamico: esso è stato ricavato, secondo quanto previsto dalle NTC 2018 § 5.2.2.2.3, mediante le seguenti relazioni e la tabella 5.2.II:

Per linea con ridotto standard manutentivo si ha, nel presente caso (5.3):

(b) per linee con ridotto standard manutentivo:

$$\Phi_3 = \frac{2.16}{\sqrt{L_\phi} - 0.2} + 0.73 \quad \text{con la limitazione } 1.00 \leq \Phi_3 \leq 2.00$$

TRAVI PRINCIPALI		
5	5.1 Travi e solette semplicemente appoggiate (compresi i solettoni a travi incorporate)	luce nella direzione delle travi principali
	5.2 Travi e solette continue su n luci, indicando con: $L_m = 1/n \cdot (L_1 + L_2 + \dots + L_n)$	$L_\phi = kL_m$ dove: $n = 2 - 3 - 4 - \geq 5$ $k = 1,2 - 1,3 - 1,4 - 1,5$
	5.3 Portali: - a luce singola - a luci multiple	da considerare come trave continua a tre luci (usando la 5.2 considerando le altezze dei piedritti e la lunghezza del traverso) da considerare come trave continua a più luci (usando la 5.2 considerando le altezze dei piedritti terminali e la lunghezza di tutti i traversi)
	5.4 Solette ed altri elementi di scotolari per uno o più binari (sottovia di altezza libera $\leq 5,0$ m e luce libera $\leq 8,0$ m). Per gli scotolari che non rispettano i precedenti limiti vale il punto 5.3, trascurando la presenza della soletta inferiore e considerando un coefficiente riduttivo del Φ pari a 0,9, da applicare al coefficiente Φ	$\Phi_2 = 1,20$; $\Phi_3 = 1,35$
	5.5 Travi ad asse curvilineo, archi a spinta eliminata, archi senza riempimento.	metà della luce libera
	5.6 Archi e serie di archi con riempimento	due volte la luce libera

$$L_m = 1/3 (7.6 + 17.90 + 7.6) = 11.03 \text{ m}$$

$$L\Phi = 1.3 \cdot 11.3 = 14,34 \text{ m}$$

$$\Phi_3 = 2,16 / (14,34^{0,5} - 0,2) + 0,73 = 1,33$$

Eccentricità dei carichi: per il treno di carico LM71 si prevede un'eccentricità del carico rispetto all'asse del binario, calcolata sulla base del massimo rapporto fra i carichi QV1 e QV2, relativi alle due ruote del medesimo asse:

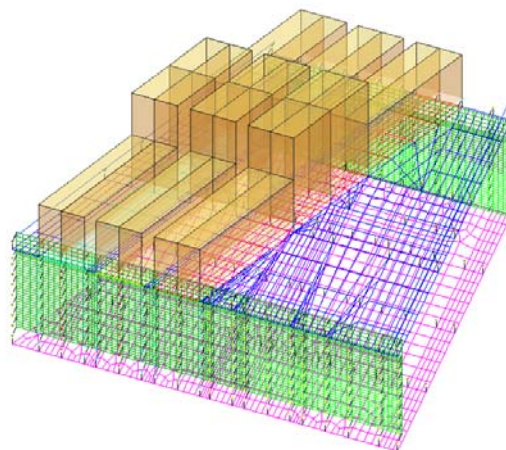
- massimo rapporto carichi ruote: $QV2 / QV1 = 1.25$
- eccentricità della risultante: $e = s / 18 = 1.435 / 18 = 0.08 \text{ m}$

I treni di carico sono considerati "carichi mobili" e vengono fatti viaggiare longitudinalmente in modo da ottenere le massime (o minime) sollecitazioni in ogni elemento.

Considerando il coefficiente di adattamento "α" pari a 1,1 e il coefficiente dinamico ϕ_3 pari a 1.33, il treno di carico LM71 distribuito a livello della soletta superiore risulta pari a:

$$\text{assi concentrati: } q_z = 1.1 \times 1.33 \times 4 \times 250 / 2.75 / 6.4 = 83,12 \text{ kN/m}^2$$

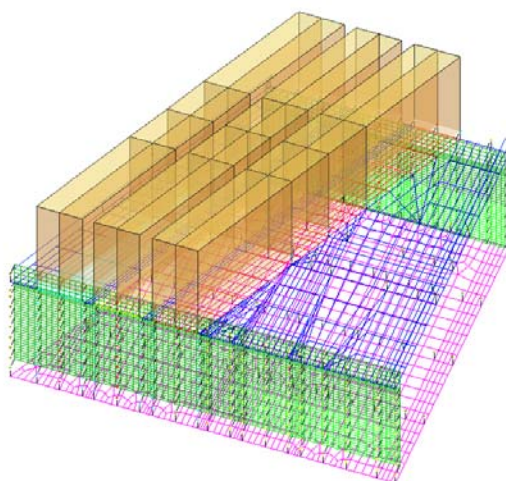
$$\text{carico distribuito: } q'z = 1.1 \times 1.33 \times 80 / 2.75 = 42,56 \text{ kN/m}^2$$



vista del modello con inserimento dei carichi verticali ferroviari LM71 sui tre binari

Considerando il coefficiente di adattamento "α" unitario e il coefficiente dinamico ϕ_3 pari a 1.33, il treno di carico SW/2 distribuito a livello della soletta superiore risulta pari a:

$$\text{treno di carico } q''z = 1.0 \times 1.33 \times 150 / 2.75 = 72,54 \text{ kN/m}^2$$



vista del modello con inserimento dei carichi verticali ferroviari SW/2 sui tre binari

9.2.3 AZIONE LATERALE (SERPEGGIO)

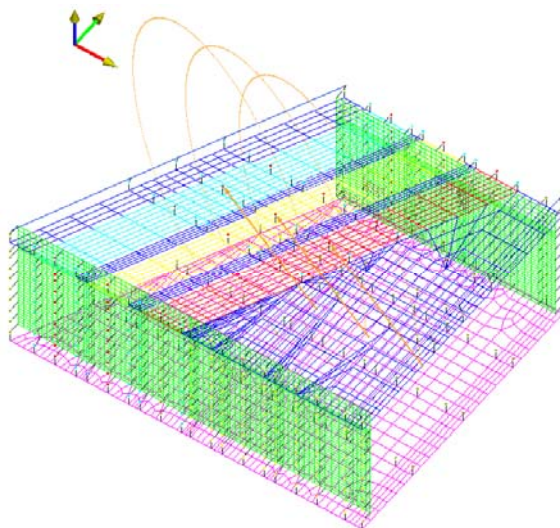
La forza laterale indotta dal serpeggio si considera come una forza concentrata agente orizzontalmente, applicata alla sommità della rotaia più alta, perpendicolarmente all'asse del binario.

Il valore caratteristico di tale forza sarà assunto pari a $Q_{sk} = 100$ kN. Tale valore deve essere moltiplicato per α per cui si ha:

$$Q_{skLM71} = 110 \text{ kN};$$

$$Q_{Ssw2} = 100 \text{ kN}$$

Questa forza laterale deve essere sempre combinata con i carichi verticali.



vista del modello con inserimento delle azioni di serpeggio sui tre binari

9.2.4 AZIONI DI AVVIAMENTO E FRENATURA

Oltre ai carichi verticali il treno produce delle azioni orizzontali, applicate sulla sommità del binario, nella direzione longitudinale dello stesso, dovute all'avviamento o alla frenatura del convoglio. Il maggiore tra i due è l'avviamento per il convoglio LM71 e la frenatura per il

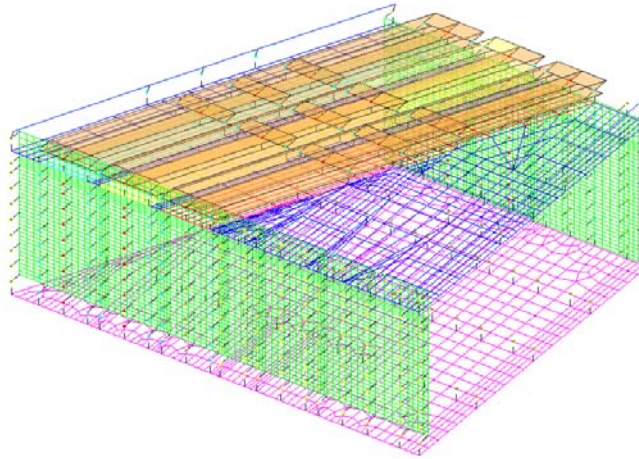
convoglio SW2. Le forze orizzontali sono applicate nella direzione longitudinale dei binari, ossia con inclinazione di 64° rispetto l'asse longitudinale dello scatolare.

I valori caratteristici da considerare sono i seguenti:

- avviamento: $Q1_{a,k} = 33 \text{ kN/m} \times L \text{ (m)} \leq 1000 \text{ kN}$: per treni LM71 e SW/2
- frenatura: $Q1_{b,k} = 20 \text{ kN/m} \times L \text{ (m)} \leq 6000 \text{ kN}$: per treni LM71
- $Q1_{b,k} = 35 \text{ kN/m} \times L \text{ (m)}$: per treni SW/2

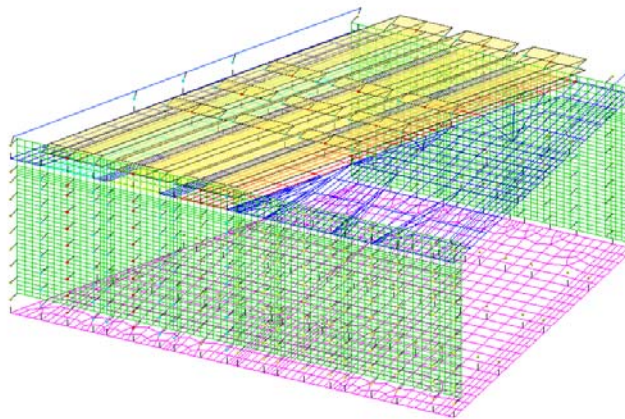
Le forze precedenti si considerano ripartite sulla larghezza B determinata al paragrafo precedente; si ottiene una pressione tangenziale estesa a tutto il modello, a favore della sicurezza, pari al massimo tra:

- avviamento: $q_a = 33 / 2.75 = 12.00 \text{ kN/m}^2$.



vista del modello con inserimento delle azioni di avviamento sui tre binari

- frenatura: $q_f = 35 / 2.75 = 12.73 \text{ kN/m}^2$.



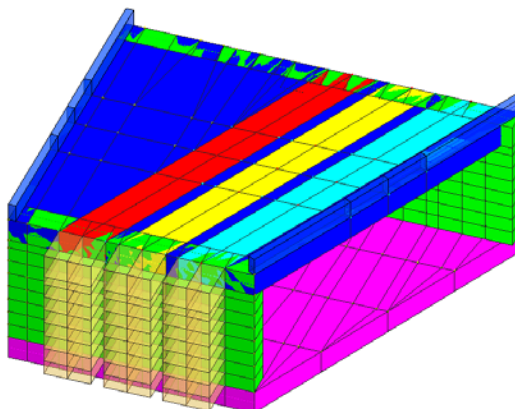
vista del modello con inserimento delle azioni di frenatura sui tre binari

9.2.5 SPINTA SULLE PARETI DOVUTE AI CARICHI VARIABILI

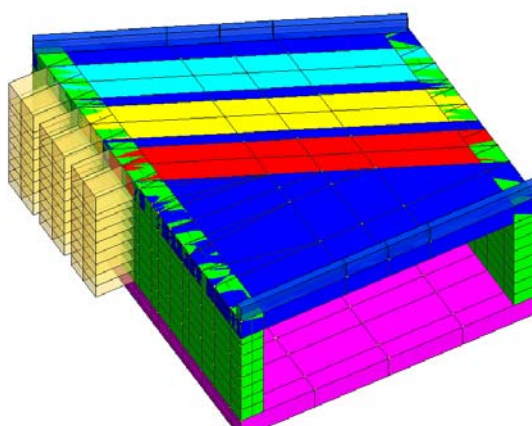
Secondo quanto previsto dal paragrafo 5.2.2.2.1.5 delle NTC 2018, il carico verticale a livello del piano di regolamento (posto a circa 0,70 metri al di sotto del piano del ferro) su rilevato a tergo della spalla può essere assunto uniformemente distribuito su una larghezza di 3,0 m. Per questo tipo di carico distribuito non deve applicarsi l'incremento dinamico.

L'intensità del carico variabile sul terreno a tergo dei piedritti è stata assunta sulla base del modello di carico SW/2 ripartito sulla larghezza B; si ottiene sulle pareti un diagramma uniforme di pressione pari a:

$$q = 0.50 \times 150 / 2.75 = 27,27 \text{ kN/m}^2$$



vista del modello con inserimento delle spinte sui piedritti dx dovute ai carichi ferroviari



vista del modello con inserimento delle spinte sui piedritti sx dovute ai carichi ferroviari

9.2.6 AZIONI INDOTTE DALLE VARIAZIONI TERMICHE

Si considera una variazione termica differenziale con un gradiente di 5° tra intradosso ed estradosso. Per la struttura in esame la variazione termica uniforme può essere trascurata.

9.3 AZIONE SISMICA

L'inerzia della struttura, dei carichi permanenti non strutturali ad eccezione delle e dei carichi variabili dovuta all'azione sismica è computata automaticamente dal software di calcolo utilizzato.

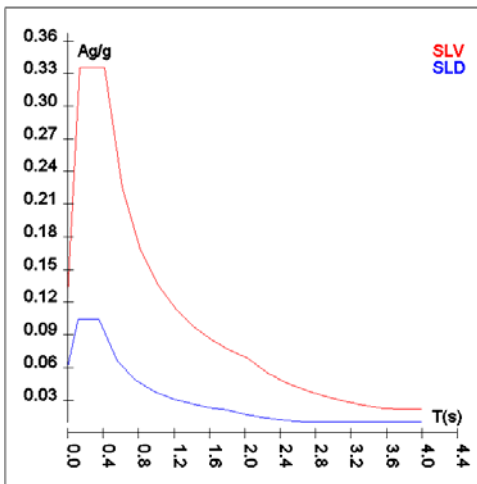
La classe del sottosuolo è la B. Si assume un fattore di struttura q pari a 1.0 e quindi non sono necessarie verifiche di gerarchia delle resistenze.

L'azione sismica è calcolata con i seguenti parametri:

Vita della struttura	
Tipo	Ponti imp. strategica (>100)
Vita nominale(anni)	100.0
Classe d'uso	III
Coefficiente d'uso	1.500
Periodo di riferimento(anni)	150.000

Stato limite di esercizio - SLD	PVR=63.0%
Stato limite ultimo - SLV	PVR=10.0%
Periodo di ritorno SLD(anni)	TR=150.9
Periodo di ritorno SLV(anni)	TR=1423.7
Parametri del sito	
Comune	
Longitudine	10.186
Latitudine	46.2063
Id reticolo del sito	8946-8945-9167-9168
Valori di riferimento del sito	
Ag/g(TR=150.9) SLD	0.0507
F0(TR=150.9) SLD	2.5736
T'C(TR=150.9) SLD	0.244
Ag/g(TR=1423.7) SLV	0.1060
F0(TR=1423.7) SLV	2.6366
T'C(TR=1423.7) SLV	0.294
Coefficiente Amplificazione Topografica	St=1.000
Categoria terreno B	
stato limite SLV	
	Ss=1.20
	TB=0.14
	TC=0.41
	TD=2.02
stato limite SLD	
	Ss=1.20
	TB=0.12
	TC=0.36
	TD=1.80
Fattore di comportamento (SLV)	
Classe duttilità	B
Fattore per spettro elastico	1.000
Fattore di comportamento q SLD	1.500

TSLV [s]	SLV[a/g]	TSLD [s]	SLD[a/g]
0.00000	0.12725	0.00000	0.06082
0.13754	0.33550	0.11845	0.10435
0.41262	0.33550	0.35536	0.10435
0.61406	0.22544	0.56213	0.06597
0.81550	0.16975	0.76889	0.04823
1.01695	0.13613	0.97566	0.03801
1.21839	0.11362	1.18243	0.03136
1.41983	0.09750	1.38920	0.02669
1.62127	0.08539	1.59597	0.02324
1.82271	0.07595	1.80274	0.02057
2.02416	0.06839	2.02246	0.01634
2.24369	0.05566	2.24219	0.01330
2.46323	0.04618	2.46191	0.01103
2.68277	0.03893	2.68164	0.01014
2.90231	0.03327	2.90137	0.01014
3.12185	0.02875	3.12109	0.01014
3.34139	0.02510	3.34082	0.01014
3.56092	0.02210	3.56055	0.01014
3.78046	0.02121	3.78027	0.01014
4.00000	0.02121	4.00000	0.01014



La sovrappinta sismica del terreno è calcolata con la teoria di Mononobe-Okabe.

Nell'analisi pseudo-statica, l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico.

Nelle verifiche, i valori dei coefficienti sismici orizzontale k_h e verticale k_v sono stati valutati mediante le espressioni

$$k_h = \beta_m \cdot \frac{a_{max}}{g} \quad [7.11.6]$$

$$k_v = \pm 0,5 \cdot k_h \quad [7.11.7]$$

dove

β_m = coefficiente di riduzione dell'accelerazione massima attesa al sito;

a_{max} = accelerazione orizzontale massima attesa al sito;

γ = accelerazione di gravità.

L'accelerazione massima è stata valutata con la relazione

$$a_{max} = S \cdot a_g = (S_S \cdot S_T) \cdot a_g \quad [7.11.8]$$

dove

S = coefficiente che comprende l'effetto dell'amplificazione stratigrafica (S_S) e dell'amplificazione topografica (S_T), di cui al § 3.2.3.2 delle NTC 2018;

a_g = accelerazione orizzontale massima attesa su sito di riferimento rigido.

Nella precedente espressione, il coefficiente di riduzione dell'accelerazione massima attesa al sito è pari a 1 in quanto trattasi di muri non liberi di subire spostamenti relativi rispetto al terreno.

L'accelerazione massima al suolo è pari a:

$$a_{max} = S \times a_g = 1.2 \times 0.119 = 0.1428 \text{ g}$$

da cui il coefficiente sismico orizzontale k_h :

$$k_h = \beta_m \times a_{max}/g = 1 \times 0.1428 = 0.1428$$

INCREMENTO SISMICO SPINTE DEL TERRENO Viene calcolata, per stati di spinta a riposo, secondo la teoria di J.H.Wood (Earthquake induced soil pressure on structures – California Institute of Technology – Pasadena, 08/1973).

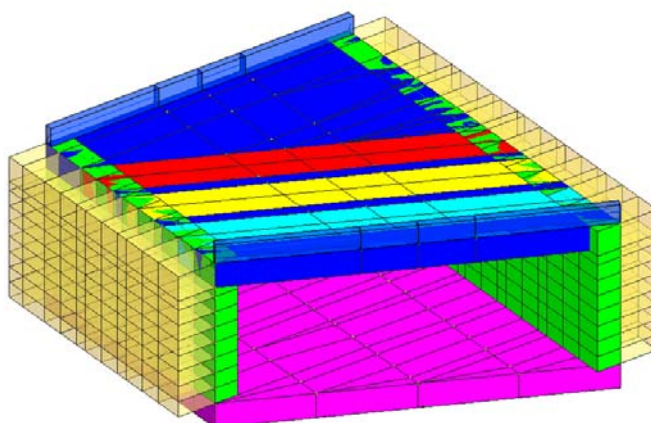
Sulle pareti si ottiene un diagramma uniforme di pressioni pari a:

$$\Delta p = kh \cdot \gamma \cdot H = 0.145 \cdot 19 \cdot 9.20 = 25,35 \text{ kN/m}^2$$

in cui: $kh = 0.145$: coefficiente sismico orizzontale

$\gamma = 19 \text{ kN/m}^3$: peso specifico terreno

$H = 9.20 \text{ m}$: altezza complessiva dell'opera



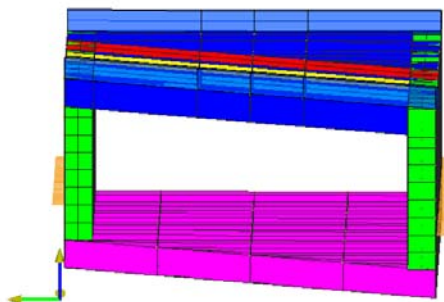
vista del modello con inserimento dell'incremento di spinta sismica delle terre sui piedritti

La spinta idrodinamica assume la seguente espressione:

$$E_{wd} = \frac{7}{12} k_h \gamma_w H'^2$$

con H' altezza del livello di falda misurato a partire dalla base del muro e applicata ad una quota dalla base del muro pari a $0,40 H'$.

Considerando $kh = 0,145$ e $H' = 2,75 \text{ m}$ si ha che la spinta idrodinamica vale $6,5 \text{ kN/m}$ applicata a $2,00 \text{ m}$ dalla base del muro.



vista del modello con inserimento delle spinte idrodinamiche sui piedritti

10 CRITERI DI VERIFICA

 criterio di verifica: CLS Muri e solette		
Generici		
Resistenza caratteristica R_{ck}	kg/cmq	450
Tensione caratteristica snervamento acciaio f_{yk}	kg/cmq	4500
Deformazione unitaria ec_0		0.002

Deformazione ultima ecu		0.0035
efu (solo incrudimento)		0.01
Modulo elastico E acciaio	kg/cmq	2E06
Copriferro di calcolo	cm	6.5
Copriferro di disegno	cm	5.0
Coefficiente di sicurezza gCls		1.5
Coefficiente di sicurezza gAcc		1.15
Riduzione fcd calcestruzzo		0.85
Usa staffe minime di normativa in assenza di sisma		Si
Usa staffe minime di normativa in presenza di sisma		Si
Generici N.T.		
Inclinazione bielle compresse cotg(q)		1.00
Modello acciaio		Elasto-plastico
Elemento esistente		No
Generici D.M. 96 T.A.		
Tensione ammissibile sc	kg/cmq	135.0
Tensione ammissibile sc in trazione	kg/cmq	28.6
Tensione ammissibile sc acciaio	kg/cmq	2600.0
Tensione tangenziale ammissibile tc0	kg/cmq	8.0
Tensione tangenziale massima tc1	kg/cmq	22.6
Coefficiente di omogeneizzazione n		15
Coefficiente di omogeneizzazione n in trazione		0.5
Sezione interamente reagente		No
Fessurazioni		
Verifica a decompressione		No
Verifica formazione fessure		No
Verifica aperture fessure		Si
Classe di esposizione		XF4
Tipo armatura		Poco sensibile
Combinazione Rara		No
Combinazione QP		Si
W ammissibile Combinazione QP	mm	0.200
Combinazione Freq.		Si
W ammissibile Combinazione Freq.	mm	0.200
Valore caratteristico apertura fessure wk(*wm)		1
fc efficace	kg/cmq	33.52
Coefficiente di breve o lunga durata kt		0.60
Coefficiente di aderenza k1		0.80
Tensioni ammissibili di esercizio		
Verifica Combinazione Rara		Si
Tensione ammissibile sCls	kg/cmq	224
Tensione ammissibile sAcciaio	kg/cmq	3375
Verifica Combinazione QP		Si
Tensione ammissibile sCls	kg/cmq	140
Tensione ammissibile sAcciaio	kg/cmq	3600
Verifica Combinazione Freq.		No
Coefficienti di omogeneizzazione		
Acciaio - Cls compresso		15
Cls tesoro - Cls compresso		0.5
Armatura muri		

Minima percentuale armatura rispetto al Cls in direzione X	%	0.2
Minima percentuale armatura rispetto al Cls in direzione Y	%	0.2
Massima percentuale armatura rispetto al Cls in direzione X	%	2
Massima percentuale armatura rispetto al Cls in direzione Y	%	2
Verifica muri		
Step incremento armatura	cmq	0.01
Verifica muri come pareti		No

Criterio di verifica: CLS Platee		
Generici		
Resistenza caratteristica Rck	kg/cmq	450
Tensione caratteristica snervamento acciaio fyk	kg/cmq	4500
Deformazione unitaria ec0		0.002
Deformazione ultima ecu		0.0035
efu (solo incrudimento)		0.00214
Modulo elastico E acciaio	kg/cmq	2E06
Copriferro di calcolo	cm	5.5
Copriferro di disegno	cm	4.0
Coefficiente di sicurezza gCls		1.5
Coefficiente di sicurezza gAcc		1.15
Riduzione fcd calcestruzzo		0.85
Usa staffe minime di normativa in assenza di sisma		Si
Usa staffe minime di normativa in presenza di sisma		Si
Generici N.T.		
Inclinazione bielle compresse cotg(q)		1.00
Modello acciaio		Incrudente
Incrudimento Ey/E0		0.000
Elemento esistente		No
Generici D.M. 96 T.A.		
Tensione ammissibile sc	kg/cmq	135.0
Tensione ammissibile sc in trazione	kg/cmq	28.6
Tensione ammissibile sc acciaio	kg/cmq	2600.0
Tensione tangenziale ammissibile tc0	kg/cmq	8.0
Tensione tangenziale massima tc1	kg/cmq	22.6
Coefficiente di omogeneizzazione n		15
Coefficiente di omogeneizzazione n in trazione		0.5
Sezione interamente reagente		No
Fessurazioni		
Verifica a decompressione		No
Verifica formazione fessure		No
Verifica aperture fessure		Si
Classe di esposizione		XF3
Tipo armatura		Poco sensibile
Combinazione Rara		No
Combinazione QP		Si
W ammissibile Combinazione QP	mm	0.200
Combinazione Freq.		Si
W ammissibile Combinazione Freq.	mm	0.300
Valore caratteristico apertura fessure wk(*wm)		1

fc efficace	kg/cmq	33.52
Coefficiente di breve o lunga durata kt		0.60
Coefficiente di aderenza k1		0.80
Tensioni ammissibili di esercizio		
Verifica Combinazione Rara		Si
Tensione ammissibile sCls	kg/cmq	193
Tensione ammissibile sAcciaio	kg/cmq	3375
Verifica Combinazione QP		Si
Tensione ammissibile sCls	kg/cmq	140
Tensione ammissibile sAcciaio	kg/cmq	3600
Verifica Combinazione Freq.		No
Coefficienti di omogeneizzazione		
Acciaio - Cls compresso		15
Cls teso - Cls compresso		0.5
Armatura muri		
Minima percentuale armatura rispetto al Cls in direzione X	%	0.1
Minima percentuale armatura rispetto al Cls in direzione Y	%	0.1
Massima percentuale armatura rispetto al Cls in direzione X	%	2
Massima percentuale armatura rispetto al Cls in direzione Y	%	2
Verifica muri		
Step incremento armatura	cmq	0.01
Verifica muri come pareti		No

11 COMBINAZIONI DI CARICO

Le condizioni di carico precedenti sono combinate per ottenere le sollecitazioni di verifica totali. I carichi variabili sono valutati nel rispetto delle tabelle 5.2.III, 5.2.IV, 5.2.V, 5.2.VI e 5.2.VII del D.M. 17/01/2018.

Nella progettazione dei ponti sarà considerata l'eventuale contemporaneità di più treni, secondo quanto previsto nella Tab. 5.2.III considerando, in genere, sia il traffico normale che il traffico pesante.

Tab. 5.2.III - Carichi mobili in funzione del numero di binari presenti sul ponte

Numero di binari	Binari Carichi	Traffico normale		Traffico pesante ⁽²⁾
		caso a ⁽¹⁾	caso b ⁽¹⁾	
1	Primo	1,0 (LM 71"++SW/0)	-	1,0 SW/2
	Primo	1,0 (LM 71"++SW/0)	-	1,0 SW/2
2	secondo	1,0 (LM 71"++SW/0)	-	1,0 (LM 71"++SW/0)
	Primo	1,0 (LM 71"++SW/0)	0,75 (LM 71"++SW/0)	1,0 SW/2
≥3	secondo	1,0 (LM 71"++SW/0)	0,75 (LM 71"++SW/0)	1,0 (LM 71"++SW/0)
	Altri	-	0,75 (LM 71"++SW/0)	-

⁽¹⁾ LM71 "++" SW/0 significa considerare il più sfavorevole fra i treni LM 71, SW/0

⁽²⁾ Salvo i casi in cui sia esplicitamente escluso

Per strutture con 3 binari si considerano due distinte condizioni: la prima che prevede carichi solo due binari (primo e secondo) considerando gli effetti più gravosi tra il caso "a" ed il traffico pesante; la seconda che prevede tutti i binari carichi con l'entità del carico corrispondente a quello fissato nel caso "b".

Come "primo" binario si intende quello su cui disporre il treno più pesante per avere i massimi effetti sulla struttura. Per "secondo" binario si intende quello su cui viene disposto il secondo

treno per avere, congiuntamente con il primo, i massimi effetti sulla struttura; pertanto, il "primo" e il "secondo" binario possono anche non essere contigui. Tutti gli effetti delle azioni sono determinati con i carichi e le forze disposti nelle posizioni più sfavorevoli. Azioni che producano effetti favorevoli saranno trascurate.

Tab. 5.2.IV - Valutazione dei carichi da traffico

TIPO DI CARICO	Azioni verticali		Azioni orizzontali			Commenti
	Carico verticale (1)	Treno scarico	Frenatura e avviamento	Centrifuga	Serpeggio	
Gruppo 1 (2)	1,0	-	0,5 (0,0)	1,0 (0,0)	1,0 (0,0)	massima azione verticale e laterale
Gruppo 2 (2)	-	1,0	0,0	1,0 (0,0)	1,0 (0,0)	stabilità laterale
Gruppo 3 (2)	1,0 (0,5)	-	1,0	0,5 (0,0)	0,5 (0,0)	massima azione longitudinale
Gruppo 4	0,8 (0,6;0,4)	-	0,8 (0,6;0,4)	0,8 (0,6;0,4)	0,8 (0,6;0,4)	Fessurazione

(1) Includendo tutti i valori (F; a; etc..)

(2) La simultaneità di due o tre valori caratteristici interi (assunzione di diversi coefficienti pari ad 1,0), sebbene improbabile, è stata considerata come semplificazione per i gruppi di carico 1,2 e 3 senza che ciò abbia significative conseguenze progettuali

I valori campiti in grigio rappresentano l'azione dominante.

Gli effetti dei carichi verticali dovuti alla presenza dei convogli vanno sempre combinati con le altre azioni derivanti dal traffico ferroviario, adottando i coefficienti indicati in Tab. 5.2.IV. Il carico verticale, nel caso di ponti con più binari, è quello che si ottiene con i treni specificati nella Tab. 5.2.III.

Nella valutazione degli effetti di interazione, alle azioni conseguenti all'applicazione dei carichi da traffico ferroviario si adotteranno gli stessi coefficienti parziali dei carichi che li generano.

I valori fra parentesi indicati nella Tab. 5.2.IV vanno assunti quando l'azione risulta favorevole nei riguardi della verifica che si sta svolgendo.

Il gruppo 4 è da considerarsi esclusivamente per le verifiche a fessurazione. I valori indicati fra parentesi si assumeranno pari a:

(0,6) per impalcati con 2 binari carichi e (0,4) per impalcati con tre binari carichi.

Le azioni derivanti da ciascuno dei gruppi di carico definiti nella Tab. 5.2.IV sono da intendersi come un'unica azione caratteristica da utilizzarsi nella definizione dei valori rari e frequenti.

Per le verifiche agli stati limite ultimi si adottano i valori dei coefficienti parziali Ψ in Tab. 5.2.V e i coefficienti di combinazione Ψ in Tab. 5.2.VI.

Tab. 5.2.V - Coefficienti parziali di sicurezza per le combinazioni di carico agli SLUI

Coefficiente			EQU ⁽¹⁾	A1	A2
Azioni permanenti	favorevoli	γ_{G1}	0,90	1,00	1,00
	sfavorevoli		1,10	1,35	1,00
Azioni permanenti non strutturali ⁽²⁾	favorevoli	γ_{G2}	0,00	0,00	0,00
	sfavorevoli		1,50	1,50	1,30
Ballast ⁽³⁾	favorevoli	γ_B	0,90	1,00	1,00
	sfavorevoli		1,50	1,50	1,30
Azioni variabili da traffico ⁽⁴⁾	favorevoli	γ_Q	0,00	0,00	0,00
	sfavorevoli		1,45	1,45	1,25
Azioni variabili	favorevoli	γ_{Qi}	0,00	0,00	0,00
	sfavorevoli		1,50	1,50	1,30
Precompressione	favorevole	γ_P	0,90	1,00	1,00
	sfavorevole		1,00 ⁽⁵⁾	1,00 ⁽⁶⁾	1,00
Ritiro, viscosità e cedimenti non imposti appositamente	favorevole	γ_{Ce}	0,00	0,00	0,00
	sfavorevole	d	1,20	1,20	1,00

⁽¹⁾ Equilibrio che non coinvolga i parametri di deformabilità e resistenza del terreno; altrimenti si applicano i valori della colonna A2.

⁽²⁾ Nel caso in cui l'intensità dei carichi permanenti non strutturali, o di una parte di essi (ad esempio carichi permanenti portati), sia ben definita in fase di progetto, per detti carichi o per la parte di essi nota si potranno adottare gli stessi coefficienti validi per le azioni permanenti.

⁽³⁾ Quando si prevedano variazioni significative del carico dovuto al ballast, se ne dovrà tener conto esplicitamente nelle verifiche.

⁽⁴⁾ Le componenti delle azioni da traffico sono introdotte in combinazione considerando uno dei gruppi di carico gr della Tab. 5.2.IV.

⁽⁵⁾ 1,30 per instabilità in strutture con precompressione esterna

⁽⁶⁾ 1,20 per effetti locali

Nella Tab. 5.2.V il significato dei simboli è il seguente:

γG_1 coefficiente parziale del peso proprio della struttura, del terreno e dell'acqua, quando pertinente;

γG_2 coefficiente parziale dei pesi propri degli elementi non strutturali;

γB coefficiente parziale del peso proprio del ballast;

γQ coefficiente parziale delle azioni variabili da traffico;

γQ_i coefficiente parziale delle azioni variabili

γP coefficiente parziale delle azioni di precompressione

γ_{Ced} coefficiente parziale delle azioni di ritiro, viscosità e cedimenti non imposti appositamente.

Tab. 5.2.VI - Coefficienti di combinazione Ψ delle azioni

Azioni		ψ_0	ψ_1	ψ_2
Azioni singole	Carico sul rilevato a tergo delle spalle	0,80	0,50	0,0
da traffico	Azioni aerodinamiche generate dal transito dei convogli	0,80	0,50	0,0
	gr_1	0,80 ⁽¹⁾	0,80 ⁽¹⁾	0,0
Gruppi di	gr_2	0,80 ⁽²⁾	0,80 ⁽¹⁾	-
carico	gr_3	0,80 ⁽²⁾	0,80 ⁽¹⁾	0,0
	gr_4	1,00	1,00 ⁽¹⁾	0,0
Azioni del vento	F_{wk}	0,60	0,50	0,0
Azioni da	in fase di esecuzione	0,80	0,0	0,0
neve	SLU e SLE	0,0	0,0	0,0
Azioni termiche	T_k	0,60	0,60	0,50

⁽¹⁾ 0,80 se è carico solo un binario, 0,60 se sono carichi due binari e 0,40 se sono carichi tre o più binari.

⁽²⁾ Quando come azione di base venga assunta quella del vento, i coefficienti ψ_0 relativi ai gruppi di carico delle azioni da traffico vanno assunti pari a 0,0.

Tab. 5.2.VII - Ulteriori coefficienti di combinazione ψ delle azioni

	Azioni	ψ_0	ψ_1	ψ_2
Azioni singole da traffico	Treno di carico LM 71	0,80 ⁽³⁾	⁽¹⁾	0,0
	Treno di carico SW /0	0,80 ⁽³⁾	0,80	0,0
	Treno di carico SW/2	0,00 ⁽³⁾	0,80	0,0
	Treno scarico	1,00 ⁽³⁾	-	-
	Centrifuga	⁽²⁾ ⁽³⁾	⁽²⁾	⁽²⁾
	Azione laterale (serpeggio)	1,00 ⁽³⁾	0,80	0,0

⁽¹⁾ 0,80 se è carico solo un binario, 0,60 se sono carichi due binari e 0,40 se sono carichi tre o più binari.

⁽²⁾ Si usano gli stessi coefficienti ψ adottati per i carichi che provocano dette azioni.

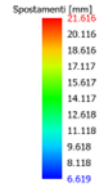
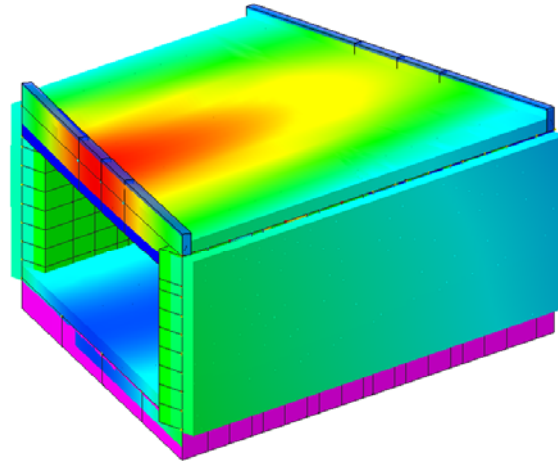
⁽³⁾ Quando come azione di base venga assunta quella del vento, i coefficienti ψ_0 relativi ai gruppi di carico delle azioni da traffico vanno assunti pari a 0,0.

Per le verifiche agli stati limite d'esercizio si adottano i valori dei coefficienti parziali in Tab. 5.2.VI.

12 VERIFICHE STRUTTURALI

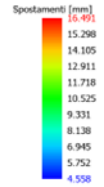
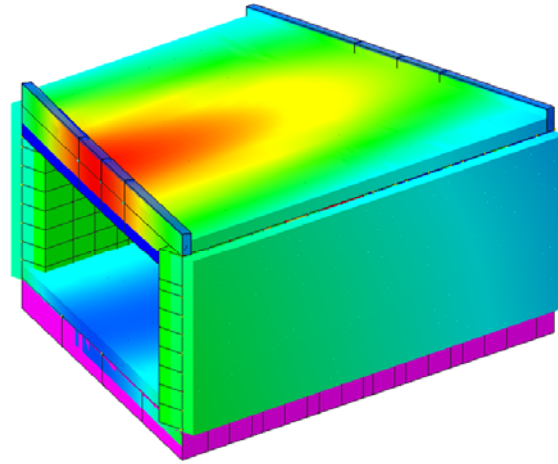
Si riportano di seguito i diagrammi delle deformate e gli involuipi delle sollecitazioni SLU/SLV massimi e minimi. A seguire sono riportati i tabulati di verifica.

Tipo diagramma: Deformata
 Combinazione corrente: Scenario ScenarioNT_2018 A2_SLV_SLD_STR_GEO - C 5



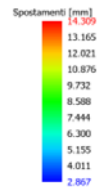
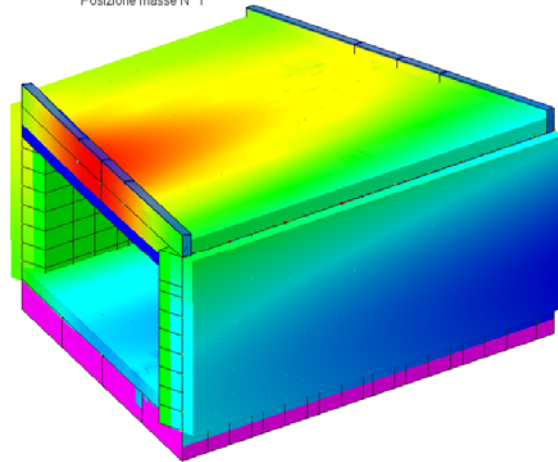
deformate allo SLU

Tipo diagramma: Deformata
 Combinazione corrente: Scenario ScenarioNT_2018 A2_SLV_SLD_STR_GEO - C 14



deformate allo SLE combinazione rara

Tipo diagramma: Deformata
 Combinazione corrente: Scenario ScenarioNT_2018 A2_SLV_SLD_STR_GEO - C 11-I
 Posizione masse N° 1



deformate allo SLV

Tipo diagramma: Sollecitazioni
 Combinazione corrente: Scenario ScenarioNT_2018 A2_SLV_SLD_STR_GEO - C 1
 Sollecitazione aste: Momento fl.Y - pilastri/pali: Momento fl.Y
 Sollecitazione Muri: M1
 Sollecitazione Setti: Momento fl.Z

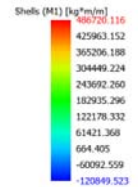
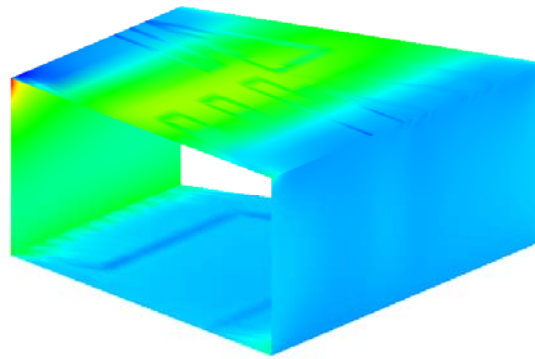


Diagramma del momento flettente longitudinale x-x allo SLU

Tipo diagramma: Sollecitazioni
 Combinazione corrente: Scenario ScenarioNT_2018 A2_SLV_SLD_STR_GEO - C 1
 Sollecitazione aste: Momento fl.Y - pilastri/pali: Momento fl.Y
 Sollecitazione Muri: S1
 Sollecitazione Setti: Momento fl.Z

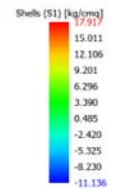
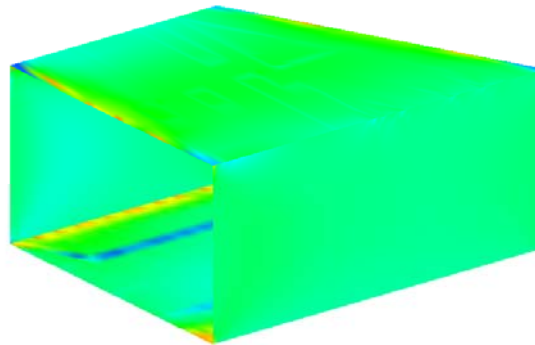
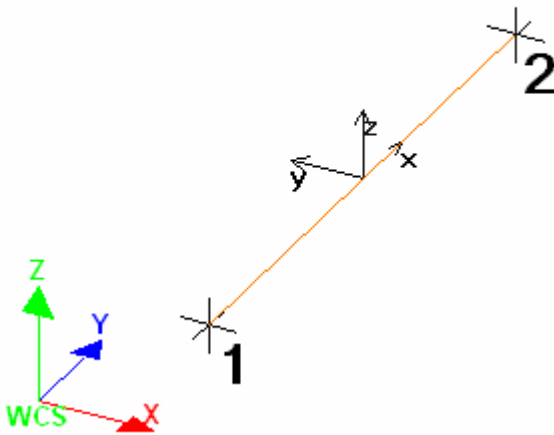


Diagramma del taglio allo SLU

PRESENTAZIONE DEI RISULTATI

Il sistema di riferimento globale rispetto al quale è stata riferita l'intera struttura è una terna di assi cartesiani sinistrorsa OXYZ (X,Y, e Z sono disposti e orientati rispettivamente secondo il pollice, l'indice ed il medio della mano destra, una volta posizionati questi ultimi a 90° tra loro).

La terna di riferimento locale per un'asta è pure una terna sinistrorsa O'xyz che ha l'asse x orientato dal nodo iniziale I dell'asta verso il nodo finale J e gli assi y e z diretti secondo gli assi geometrici della sezione con l'asse y orizzontale e orientato in modo da portarsi a coincidere con l'asse x a mezzo di una rotazione oraria di 90° e l'asse z di conseguenza.



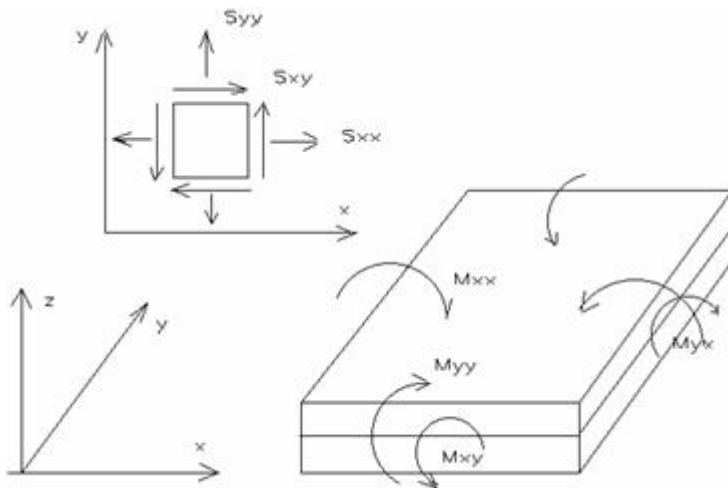
Per un'asta comunque disposta nello spazio la sua terna locale è orientata in modo tale da portarsi a coincidere con la terna globale a mezzo di rotazioni orarie degli assi locali inferiori a 180°.

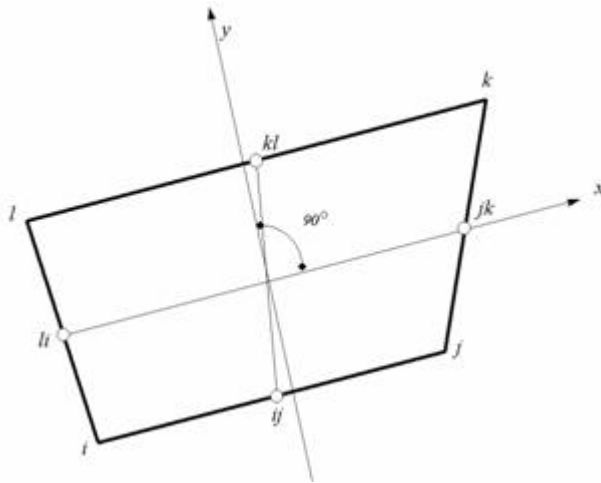
- ? Le forze, sia sulle aste che sulle pareti o lastre, sono positive se opposte agli assi locali;
- ? Le forze nodali sono positive se opposte agli assi globali;
- ? Le coppie sono positive se sinistrorse.

Le caratteristiche di sollecitazione sono positive se sulla faccia di normale positiva sono rappresentate da vettori equiversi agli assi di riferimento locali; in particolare il vettore momento positivo rappresenta una coppia che ruota come le dita della mano destra che si chiudono quando il pollice è equiverso all'asse locale.

- ? Le traslazioni sono positive se concorde con gli assi globali;
- ? Le rotazioni sono positive se sinistrorse.

Il sistema di riferimento locale per gli elementi bidimensionali è quello riportato in figura





La terna locale per l'elemento shell è costituita dall'asse x locale che va dal nodo li al nodo jk, l'asse y è diretto secondo il piano dell'elemento e orientato verso il nodo l e l'asse z di conseguenza in modo da formare la solita terna sinistrorsa. L'asse z locale rappresenta la normale positiva all'elemento.

Le sollecitazioni dell'elemento sono:

a) sforzi membranali.

$$S_{xx} = s_x$$

$$S_{yy} = s_y$$

$$S_{xy} = t_{xy}$$

b) sforzi flessionali:

M_{xx} momento flettente che genera s_x , cioè intorno ad y.

M_{yy} momento flettente che genera s_y , cioè intorno ad x

M_{xy} momento torcente che genera t_{xy} .

Le sollecitazioni principali dell'elemento sono:

$$M_{1,2} = \frac{M_{xx} + M_{yy}}{2} \pm \sqrt{\left(\frac{M_{xx} - M_{yy}}{2}\right)^2 + M_{xy}^2}$$

$$S_{1,2} = \frac{S_{xx} + S_{yy}}{2} \pm \sqrt{\left(\frac{S_{xx} - S_{yy}}{2}\right)^2 + S_{xy}^2}$$

$$\tan 2\theta = \frac{M_{xy}}{M_{xx} - M_{yy}}$$

dove θ è l'angolo formato dagli assi principali di M_1 e M_2 con quelli di riferimento e

$$\tan 2\psi = \frac{S_{xy}}{S_{xx} - S_{yy}}$$

dove ψ è l'angolo formato dagli assi principali di S_1 e S_2 con quelli di riferimento

L'elemento shell usato come piastra dà i momenti flettenti e non i tagli in direzione ortogonale all'elemento che possono ottenersi come derivazione dei momenti flettenti;

$$T_{zx} = M_{xx,x} + M_{xy,y}$$

$$T_{zy} = M_{xy,y} + M_{yy,y}$$

quando invece viene usato come lastra ci restituisce una 's' costante ed una 't' costante non adatti a rappresentare momenti flettenti, ma solo sforzi normali e tagli nel piano della lastra.

Nodi - Geometria e vincoli

Nodo	X	Y	Z	Tx	Ty	Tz	Rx	Ry	Rz	Impalcato
	Coordinate [mm]			Vincoli						
1	20000	0	0	1	1	0	0	0	1	0
2	21950	0	0	1	1	0	0	0	1	0
3	23500	0	0	1	1	0	0	0	1	0
4	25050	0	0	1	1	0	0	0	1	0
5	25850	0	0	1	1	0	0	0	1	0
6	20000	0	1000	0	0	0	0	0	0	1
7	21950	0	1000	0	0	0	0	0	0	1
8	23500	0	1000	0	0	0	0	0	0	1
9	25050	0	1000	0	0	0	0	0	0	1
10	25850	0	1000	0	0	0	0	0	0	1
11	25050	0	2000	0	0	0	0	0	0	2
12	25850	0	2000	0	0	0	0	0	0	2
13	23500	0	2000	0	0	0	0	0	0	2
14	21950	0	2000	0	0	0	0	0	0	2
15	20000	0	2000	0	0	0	0	0	0	2
16	25050	0	3000	0	0	0	0	0	0	3
17	25850	0	3000	0	0	0	0	0	0	3
18	23500	0	3000	0	0	0	0	0	0	3
19	21950	0	3000	0	0	0	0	0	0	3
20	20000	0	3000	0	0	0	0	0	0	3
21	25050	0	4000	0	0	0	0	0	0	4
22	25850	0	4000	0	0	0	0	0	0	4
23	23500	0	4000	0	0	0	0	0	0	4
24	21950	0	4000	0	0	0	0	0	0	4
25	20000	0	4000	0	0	0	0	0	0	4
26	25050	0	5000	0	0	0	0	0	0	5
27	25850	0	5000	0	0	0	0	0	0	5
28	23500	0	5000	0	0	0	0	0	0	5
29	21950	0	5000	0	0	0	0	0	0	5
30	20000	0	5000	0	0	0	0	0	0	5
31	25050	0	6000	0	0	0	0	0	0	6
32	25850	0	6000	0	0	0	0	0	0	6
33	23500	0	6000	0	0	0	0	0	0	6
34	21950	0	6000	0	0	0	0	0	0	6
35	20000	0	6000	0	0	0	0	0	0	6
36	25050	0	7000	0	0	0	0	0	0	7
37	25850	0	7000	0	0	0	0	0	0	7
38	23500	0	7000	0	0	0	0	0	0	7
39	21950	0	7000	0	0	0	0	0	0	7
40	20000	0	7000	0	0	0	0	0	0	7
41	25050	0	7600	0	0	0	0	0	0	8
42	25850	0	7600	0	0	0	0	0	0	8
43	23500	0	7600	0	0	0	0	0	0	8
44	21950	0	7600	0	0	0	0	0	0	8
45	20000	0	7600	0	0	0	0	0	0	8
46	25050	0	9150	0	0	0	0	0	0	9
47	25850	0	9150	0	0	0	0	0	0	9
48	23500	0	9150	0	0	0	0	0	0	9
49	21950	0	9150	0	0	0	0	0	0	9
50	20000	0	9150	0	0	0	0	0	0	9
51	29800	0	0	1	1	0	0	0	1	0
52	28950	0	0	1	1	0	0	0	1	0
53	31350	0	0	1	1	0	0	0	1	0

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	X	Y	Z	Tx	Ty	Tz	Rx	Ry	Rz	Impalcato
54	32900	0	0	1	1	0	0	0	1	0
55	35000	0	0	1	1	0	0	0	1	0
56	27400	0	0	1	1	0	0	0	1	0
57	29800	0	1000	0	0	0	0	0	0	1
58	28950	0	1000	0	0	0	0	0	0	1
59	31350	0	1000	0	0	0	0	0	0	1
60	32900	0	1000	0	0	0	0	0	0	1
61	35000	0	1000	0	0	0	0	0	0	1
62	27400	0	1000	0	0	0	0	0	0	1
63	27400	0	2000	0	0	0	0	0	0	2
64	28950	0	2000	0	0	0	0	0	0	2
65	29800	0	2000	0	0	0	0	0	0	2
66	35000	0	2000	0	0	0	0	0	0	2
67	31350	0	2000	0	0	0	0	0	0	2
68	32900	0	2000	0	0	0	0	0	0	2
69	27400	0	3000	0	0	0	0	0	0	3
70	28950	0	3000	0	0	0	0	0	0	3
71	29800	0	3000	0	0	0	0	0	0	3
72	35000	0	3000	0	0	0	0	0	0	3
73	31350	0	3000	0	0	0	0	0	0	3
74	32900	0	3000	0	0	0	0	0	0	3
75	27400	0	4000	0	0	0	0	0	0	4
76	28950	0	4000	0	0	0	0	0	0	4
77	29800	0	4000	0	0	0	0	0	0	4
78	35000	0	4000	0	0	0	0	0	0	4
79	31350	0	4000	0	0	0	0	0	0	4
80	32900	0	4000	0	0	0	0	0	0	4
81	27400	0	5000	0	0	0	0	0	0	5
82	28950	0	5000	0	0	0	0	0	0	5
83	29800	0	5000	0	0	0	0	0	0	5
84	35000	0	5000	0	0	0	0	0	0	5
85	31350	0	5000	0	0	0	0	0	0	5
86	32900	0	5000	0	0	0	0	0	0	5
87	27400	0	6000	0	0	0	0	0	0	6
88	28950	0	6000	0	0	0	0	0	0	6
89	29800	0	6000	0	0	0	0	0	0	6
90	35000	0	6000	0	0	0	0	0	0	6
91	31350	0	6000	0	0	0	0	0	0	6
92	27400	0	7000	0	0	0	0	0	0	7
93	28950	0	7000	0	0	0	0	0	0	7
94	29800	0	7000	0	0	0	0	0	0	7
95	35000	0	7000	0	0	0	0	0	0	7
96	31350	0	7000	0	0	0	0	0	0	7
97	32900	0	7000	0	0	0	0	0	0	7
98	27400	0	7600	0	0	0	0	0	0	8
99	28950	0	7600	0	0	0	0	0	0	8
100	29800	0	7600	0	0	0	0	0	0	8
101	35000	0	7600	0	0	0	0	0	0	8
102	31350	0	7600	0	0	0	0	0	0	8
103	32900	0	7600	0	0	0	0	0	0	8
104	27400	0	9150	0	0	0	0	0	0	9
105	28950	0	9150	0	0	0	0	0	0	9
106	29800	0	9150	0	0	0	0	0	0	9
107	35000	0	9150	0	0	0	0	0	0	9
108	31350	0	9150	0	0	0	0	0	0	9
109	32900	0	9150	0	0	0	0	0	0	9
110	15800	-21100	0	1	1	0	0	0	1	0
111	17350	-21100	0	1	1	0	0	0	1	0
112	15800	-21100	1000	0	0	0	0	0	0	1
113	17350	-21100	1000	0	0	0	0	0	0	1
114	15800	-21100	2000	0	0	0	0	0	0	2
115	17350	-21100	2000	0	0	0	0	0	0	2

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	X	Y	Z	Tx	Ty	Tz	Rx	Ry	Rz	Impalcato
116	15800	-21100	3000	0	0	0	0	0	0	3
117	17350	-21100	3000	0	0	0	0	0	0	3
118	15800	-21100	4000	0	0	0	0	0	0	4
119	17350	-21100	4000	0	0	0	0	0	0	4
120	15800	-21100	5000	0	0	0	0	0	0	5
121	17350	-21100	5000	0	0	0	0	0	0	5
122	15800	-21100	6000	0	0	0	0	0	0	6
123	17350	-21100	6000	0	0	0	0	0	0	6
124	15800	-21100	7000	0	0	0	0	0	0	7
125	17350	-21100	7000	0	0	0	0	0	0	7
126	15800	-21100	7600	0	0	0	0	0	0	8
127	17350	-21100	7600	0	0	0	0	0	0	8
128	15800	-21100	9150	0	0	0	0	0	0	9
129	17350	-21100	9150	0	0	0	0	0	0	9
130	18900	-21100	0	1	1	0	0	0	1	0
131	19750	-21100	0	1	1	0	0	0	1	0
132	21300	-21100	0	1	1	0	0	0	1	0
133	22850	-21100	0	1	1	0	0	0	1	0
134	25850	-21100	0	1	1	0	0	0	1	0
135	27400	-21100	0	1	1	0	0	0	1	0
136	28950	-21100	0	1	1	0	0	0	1	0
137	32900	-21100	0	1	1	0	0	0	1	0
138	35000	-21100	0	1	1	0	0	0	1	0
139	18900	-21100	1000	0	0	0	0	0	0	1
140	19750	-21100	1000	0	0	0	0	0	0	1
141	21300	-21100	1000	0	0	0	0	0	0	1
142	22850	-21100	1000	0	0	0	0	0	0	1
143	25850	-21100	1000	0	0	0	0	0	0	1
144	27400	-21100	1000	0	0	0	0	0	0	1
145	18900	-21100	2000	0	0	0	0	0	0	2
146	19750	-21100	2000	0	0	0	0	0	0	2
147	21300	-21100	2000	0	0	0	0	0	0	2
148	22850	-21100	2000	0	0	0	0	0	0	2
149	25850	-21100	2000	0	0	0	0	0	0	2
150	27400	-21100	2000	0	0	0	0	0	0	2
151	18900	-21100	3000	0	0	0	0	0	0	3
152	19750	-21100	3000	0	0	0	0	0	0	3
153	21300	-21100	3000	0	0	0	0	0	0	3
154	22850	-21100	3000	0	0	0	0	0	0	3
155	25850	-21100	3000	0	0	0	0	0	0	3
156	27400	-21100	3000	0	0	0	0	0	0	3
157	18900	-21100	4000	0	0	0	0	0	0	4
158	19750	-21100	4000	0	0	0	0	0	0	4
159	21300	-21100	4000	0	0	0	0	0	0	4
160	22850	-21100	4000	0	0	0	0	0	0	4
161	25850	-21100	4000	0	0	0	0	0	0	4
162	27400	-21100	4000	0	0	0	0	0	0	4
163	18900	-21100	5000	0	0	0	0	0	0	5
164	19750	-21100	5000	0	0	0	0	0	0	5
165	21300	-21100	5000	0	0	0	0	0	0	5
166	22850	-21100	5000	0	0	0	0	0	0	5
167	25850	-21100	5000	0	0	0	0	0	0	5
168	27400	-21100	5000	0	0	0	0	0	0	5
169	18900	-21100	6000	0	0	0	0	0	0	6
170	19750	-21100	6000	0	0	0	0	0	0	6
171	21300	-21100	6000	0	0	0	0	0	0	6
172	22850	-21100	6000	0	0	0	0	0	0	6
173	25850	-21100	6000	0	0	0	0	0	0	6
174	27400	-21100	6000	0	0	0	0	0	0	6
175	18900	-21100	7000	0	0	0	0	0	0	7
176	19750	-21100	7000	0	0	0	0	0	0	7
177	21300	-21100	7000	0	0	0	0	0	0	7

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	X	Y	Z	Tx	Ty	Tz	Rx	Ry	Rz	Impalcato
178	22850	-21100	7000	0	0	0	0	0	0	7
179	25850	-21100	7000	0	0	0	0	0	0	7
180	27400	-21100	7000	0	0	0	0	0	0	7
181	18900	-21100	7600	0	0	0	0	0	0	8
182	19750	-21100	7600	0	0	0	0	0	0	8
183	21300	-21100	7600	0	0	0	0	0	0	8
184	22850	-21100	7600	0	0	0	0	0	0	8
185	25850	-21100	7600	0	0	0	0	0	0	8
186	27400	-21100	7600	0	0	0	0	0	0	8
187	18900	-21100	9150	0	0	0	0	0	0	9
188	19750	-21100	9150	0	0	0	0	0	0	9
189	21300	-21100	9150	0	0	0	0	0	0	9
190	22850	-21100	9150	0	0	0	0	0	0	9
191	25850	-21100	9150	0	0	0	0	0	0	9
192	27400	-21100	9150	0	0	0	0	0	0	9
193	28950	-21100	1000	0	0	0	0	0	0	1
194	32900	-21100	1000	0	0	0	0	0	0	1
195	35000	-21100	1000	0	0	0	0	0	0	1
196	28950	-21100	2000	0	0	0	0	0	0	2
197	32900	-21100	2000	0	0	0	0	0	0	2
198	35000	-21100	2000	0	0	0	0	0	0	2
199	28950	-21100	3000	0	0	0	0	0	0	3
200	32900	-21100	3000	0	0	0	0	0	0	3
201	35000	-21100	3000	0	0	0	0	0	0	3
202	28950	-21100	4000	0	0	0	0	0	0	4
203	32900	-21100	4000	0	0	0	0	0	0	4
204	35000	-21100	4000	0	0	0	0	0	0	4
205	28950	-21100	5000	0	0	0	0	0	0	5
206	32900	-21100	5000	0	0	0	0	0	0	5
207	35000	-21100	5000	0	0	0	0	0	0	5
208	28950	-21100	6000	0	0	0	0	0	0	6
209	32900	-21100	6000	0	0	0	0	0	0	6
210	35000	-21100	6000	0	0	0	0	0	0	6
211	28950	-21100	7000	0	0	0	0	0	0	7
212	32900	-21100	7000	0	0	0	0	0	0	7
213	35000	-21100	7000	0	0	0	0	0	0	7
214	28950	-21100	7600	0	0	0	0	0	0	8
215	32900	-21100	7600	0	0	0	0	0	0	8
216	35000	-21100	7600	0	0	0	0	0	0	8
217	28950	-21100	9150	0	0	0	0	0	0	9
218	32900	-21100	9150	0	0	0	0	0	0	9
219	35000	-21100	9150	0	0	0	0	0	0	9
220	23350	-13550	9150	0	0	0	0	0	0	9
221	24850	-13550	9150	0	0	0	0	0	0	9
222	24750	-10550	9150	0	0	0	0	0	0	9
223	26450	-13550	9150	0	0	0	0	0	0	9
224	26350	-10550	9150	0	0	0	0	0	0	9
225	27750	-13550	9150	0	0	0	0	0	0	9
226	26200	-7550	9150	0	0	0	0	0	0	9
227	35000	-13550	9150	0	0	0	0	0	0	9
228	35000	-10550	9150	0	0	0	0	0	0	9
229	35000	-7550	9150	0	0	0	0	0	0	9
230	32900	-13550	9150	0	0	0	0	0	0	9
231	32900	-10550	9150	0	0	0	0	0	0	9
232	32900	-7550	9150	0	0	0	0	0	0	9
233	29100	-13550	9150	0	0	0	0	0	0	9
234	29100	-10550	9150	0	0	0	0	0	0	9
235	29300	-7550	9150	0	0	0	0	0	0	9
236	27850	-10550	9150	0	0	0	0	0	0	9
237	27750	-7550	9150	0	0	0	0	0	0	9
238	22850	-15825	0	1	1	0	0	0	1	0
239	31350	-10550	0	1	1	0	0	0	1	0

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	X	Y	Z	Tx	Ty	Tz	Rx	Ry	Rz	Impalcato
240	31350	-5275	0	1	1	0	0	0	1	0
241	23000	-10550	0	1	1	0	0	0	1	0
242	21950	-5275	0	1	1	0	0	0	1	0
243	21300	-15825	0	1	1	0	0	0	1	0
244	21300	-10550	0	1	1	0	0	0	1	0
245	25050	-15825	0	1	1	0	0	0	1	0
246	23500	-10550	0	1	1	0	0	0	1	0
247	25050	-5275	0	1	1	0	0	0	1	0
248	27400	-15825	0	1	1	0	0	0	1	0
249	23500	-5275	0	1	1	0	0	0	1	0
250	23500	-15825	0	1	1	0	0	0	1	0
251	25050	-10550	0	1	1	0	0	0	1	0
252	25850	-10550	0	1	1	0	0	0	1	0
253	25850	-5275	0	1	1	0	0	0	1	0
254	35000	-10550	0	1	1	0	0	0	1	0
255	35000	-15825	0	1	1	0	0	0	1	0
256	32900	-10550	0	1	1	0	0	0	1	0
257	32900	-15825	0	1	1	0	0	0	1	0
258	35000	-5275	0	1	1	0	0	0	1	0
259	32900	-5275	0	1	1	0	0	0	1	0
260	28950	-5275	0	1	1	0	0	0	1	0
261	29800	-15825	0	1	1	0	0	0	1	0
262	29800	-5275	0	1	1	0	0	0	1	0
263	29800	-10550	0	1	1	0	0	0	1	0
264	28950	-15825	0	1	1	0	0	0	1	0
265	27400	-5275	0	1	1	0	0	0	1	0
266	28950	-10550	0	1	1	0	0	0	1	0
267	27400	-10550	0	1	1	0	0	0	1	0
268	15800	-15825	0	1	1	0	0	0	1	0
269	19000	-10550	0	1	1	0	0	0	1	0
270	17350	-10550	0	1	1	0	0	0	1	0
271	17350	-15825	0	1	1	0	0	0	1	0
272	15800	-10550	0	1	1	0	0	0	1	0
273	17525	-5275	0	1	1	0	0	0	1	0
274	18900	-15825	0	1	1	0	0	0	1	0
275	19000	-5275	0	1	1	0	0	0	1	0
276	19750	-15825	0	1	1	0	0	0	1	0
277	20000	-10550	0	1	1	0	0	0	1	0
278	20000	-5275	0	1	1	0	0	0	1	0
279	15000	-21100	9150	0	0	0	0	0	0	9
280	15000	-21100	0	1	1	0	0	0	1	0
281	15000	-21100	1000	0	0	0	0	0	0	1
282	15000	-21100	4000	0	0	0	0	0	0	4
283	15000	-21100	5000	0	0	0	0	0	0	5
284	15000	-21100	2000	0	0	0	0	0	0	2
285	15000	-21100	3000	0	0	0	0	0	0	3
286	15000	-21100	6000	0	0	0	0	0	0	6
287	15000	-21100	7000	0	0	0	0	0	0	7
288	15000	-21100	7600	0	0	0	0	0	0	8
289	15000	-15825	0	1	1	0	0	0	1	0
290	13450	-21100	9150	0	0	0	0	0	0	9
291	13450	-21100	5000	0	0	0	0	0	0	5
292	13450	-21100	6000	0	0	0	0	0	0	6
293	13450	-21100	2000	0	0	0	0	0	0	2
294	13450	-21100	3000	0	0	0	0	0	0	3
295	13450	-21100	7600	0	0	0	0	0	0	8
296	13450	-21100	0	1	1	0	0	0	1	0
297	13450	-21100	1000	0	0	0	0	0	0	1
298	13450	-21100	4000	0	0	0	0	0	0	4
299	13450	-21100	7000	0	0	0	0	0	0	7
300	13450	-15825	0	1	1	0	0	0	1	0
301	36250	-21100	7600	0	0	0	0	0	0	8

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	X	Y	Z	Tx	Ty	Tz	Rx	Ry	Rz	Impalcato
302	36250	-21100	7000	0	0	0	0	0	0	7
303	36250	-21100	9150	0	0	0	0	0	0	9
304	36250	-13550	9150	0	0	0	0	0	0	9
305	36250	-10550	9150	0	0	0	0	0	0	9
306	36250	0	4000	0	0	0	0	0	0	4
307	36250	0	5000	0	0	0	0	0	0	5
308	36250	0	6000	0	0	0	0	0	0	6
309	36250	0	7000	0	0	0	0	0	0	7
310	36250	-21100	5000	0	0	0	0	0	0	5
311	36250	-21100	4000	0	0	0	0	0	0	4
312	36250	-21100	6000	0	0	0	0	0	0	6
313	36250	-15825	0	1	1	0	0	0	1	0
314	36250	0	3000	0	0	0	0	0	0	3
315	36250	0	2000	0	0	0	0	0	0	2
316	36250	-21100	0	1	1	0	0	0	1	0
317	36250	-21100	1000	0	0	0	0	0	0	1
318	36250	0	9150	0	0	0	0	0	0	9
319	36250	-7550	9150	0	0	0	0	0	0	9
320	36250	-21100	2000	0	0	0	0	0	0	2
321	36250	-21100	3000	0	0	0	0	0	0	3
322	36250	0	0	1	1	0	0	0	1	0
323	36250	-5275	0	1	1	0	0	0	1	0
324	36250	0	7600	0	0	0	0	0	0	8
325	36250	0	1000	0	0	0	0	0	0	1
326	36250	-10550	0	1	1	0	0	0	1	0
327	12582	-15825	0	1	1	0	0	0	1	0
328	11900	-21100	0	1	1	0	0	0	1	0
329	11900	-21100	1000	0	0	0	0	0	0	1
330	11900	-21100	2000	0	0	0	0	0	0	2
331	11900	-21100	3000	0	0	0	0	0	0	3
332	11900	-21100	7600	0	0	0	0	0	0	8
333	11900	-21100	9150	0	0	0	0	0	0	9
334	11900	-21100	6000	0	0	0	0	0	0	6
335	11900	-21100	7000	0	0	0	0	0	0	7
336	11900	-21100	4000	0	0	0	0	0	0	4
337	11900	-21100	5000	0	0	0	0	0	0	5
338	10110	-21100	4000	0	0	0	0	0	0	4
339	10110	-21100	5000	0	0	0	0	0	0	5
340	10110	-21100	3000	0	0	0	0	0	0	3
341	10110	-21100	6000	0	0	0	0	0	0	6
342	10110	-21100	7000	0	0	0	0	0	0	7
343	10110	-21100	9150	0	0	0	0	0	0	9
344	10110	-21100	1000	0	0	0	0	0	0	1
345	10110	-21100	2000	0	0	0	0	0	0	2
346	10110	-21100	0	1	1	0	0	0	1	0
347	10110	-21100	7600	0	0	0	0	0	0	8
348	32900	0	6000	0	0	0	0	0	0	6
349	15055	-10550	0	1	1	0	0	0	1	0
350	25350	-7550	9150	0	0	0	0	0	0	9
351	23900	-10550	9150	0	0	0	0	0	0	9
352	22350	-10550	9150	0	0	0	0	0	0	9
353	23800	-7550	9150	0	0	0	0	0	0	9
354	20850	-10550	9150	0	0	0	0	0	0	9
355	22250	-7550	9150	0	0	0	0	0	0	9
356	22500	-13550	9150	0	0	0	0	0	0	9
357	20950	-13550	9150	0	0	0	0	0	0	9
358	19400	-13550	9150	0	0	0	0	0	0	9
359	21400	-7550	9150	0	0	0	0	0	0	9
360	20000	-10550	9150	0	0	0	0	0	0	9
361	18450	-10550	9150	0	0	0	0	0	0	9
362	19900	-7550	9150	0	0	0	0	0	0	9
363	16900	-10550	9150	0	0	0	0	0	0	9

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	X	Y	Z	Tx	Ty	Tz	Rx	Ry	Rz	Impalcato
364	18300	-7550	9150	0	0	0	0	0	0	9
365	18550	-13550	9150	0	0	0	0	0	0	9
366	17000	-13550	9150	0	0	0	0	0	0	9
367	15450	-13550	9150	0	0	0	0	0	0	9
368	16400	-7550	9150	0	0	0	0	0	0	9
369	15000	-10550	9150	0	0	0	0	0	0	9
370	13600	-13550	9150	0	0	0	0	0	0	9
371	25850	-15825	0	1	1	0	0	0	1	0
372	31350	-15825	0	1	1	0	0	0	1	0
373	31350	-21100	1000	0	0	0	0	0	0	1
374	31350	-21100	2000	0	0	0	0	0	0	2
375	31350	-21100	3000	0	0	0	0	0	0	3
376	31350	-21100	4000	0	0	0	0	0	0	4
377	31350	-21100	5000	0	0	0	0	0	0	5
378	31350	-21100	7000	0	0	0	0	0	0	7
379	31350	-21100	7600	0	0	0	0	0	0	8
380	31350	-21100	0	1	1	0	0	0	1	0
381	31350	-21100	9150	0	0	0	0	0	0	9
382	31350	-21100	6000	0	0	0	0	0	0	6
383	29800	-21100	1000	0	0	0	0	0	0	1
384	29800	-21100	2000	0	0	0	0	0	0	2
385	29800	-21100	3000	0	0	0	0	0	0	3
386	29800	-21100	4000	0	0	0	0	0	0	4
387	29800	-21100	5000	0	0	0	0	0	0	5
388	29800	-21100	6000	0	0	0	0	0	0	6
389	29800	-21100	7000	0	0	0	0	0	0	7
390	29800	-21100	7600	0	0	0	0	0	0	8
391	29800	-21100	0	1	1	0	0	0	1	0
392	29800	-21100	9150	0	0	0	0	0	0	9
393	25050	-21100	3000	0	0	0	0	0	0	3
394	25050	-21100	4000	0	0	0	0	0	0	4
395	25050	-21100	5000	0	0	0	0	0	0	5
396	25050	-21100	6000	0	0	0	0	0	0	6
397	25050	-21100	7000	0	0	0	0	0	0	7
398	25050	-21100	7600	0	0	0	0	0	0	8
399	25050	-21100	9150	0	0	0	0	0	0	9
400	25050	-21100	0	1	1	0	0	0	1	0
401	25050	-21100	1000	0	0	0	0	0	0	1
402	25050	-21100	2000	0	0	0	0	0	0	2
403	23500	-21100	3000	0	0	0	0	0	0	3
404	23500	-21100	4000	0	0	0	0	0	0	4
405	23500	-21100	5000	0	0	0	0	0	0	5
406	23500	-21100	6000	0	0	0	0	0	0	6
407	23500	-21100	7000	0	0	0	0	0	0	7
408	23500	-21100	7600	0	0	0	0	0	0	8
409	23500	-21100	9150	0	0	0	0	0	0	9
410	23500	-21100	2000	0	0	0	0	0	0	2
411	23500	-21100	1000	0	0	0	0	0	0	1
412	23500	-21100	0	1	1	0	0	0	1	0

Nodi - Carichi

N°	C.Car.	Fx	Fy	Fz	Mx	My	Mz	Tx	Ty	Tz	Rx	Ry	Rz	Dt
		kg			kg*m			mm			mrad			°C
22 4	serpeggio binario esistente	9970	-4650	0	4650	9970	0							
35 2	serpeggio binario 2	9970	-4650	0	4650	9970	0							
36 1	serpeggio binario 3	9970	-4650	0	4650	9970	0							

Aste - Carichi

Descrizione carichi aste

UnifG	Uniforme globale
UnifL	Uniforme locale
VarG	Variabile lineare globale
VarL	Variabile lineare locale
PoIG	Poligonale globale
Termico	Distorsione termica
Torcente	Carico torcente
Precomp.	Carico da precompressione
PoIL	Poligonale locale

Sezione	Ni	Nf	Cond.	Tipo c.	Xi	QXi	QYi	QZi	Xf	QXf	QYf	QZf
					cm	car. dist. kg/m coppie torc. kg*m/m			cm	car. dist. kg/m coppie torc. kg*m/m		
Trave 1												
Sezione Nulla	320	198	spinta sismica acqua	UnifG	0	0	-650	0	125	0	-650	0
Trave 2												
Sezione Nulla	198	197	spinta sismica acqua	UnifG	0	0	-650	0	210	0	-650	0
Trave 3												
Sezione Nulla	197	374	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 4												
Sezione Nulla	374	384	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 5												
Sezione Nulla	384	196	spinta sismica acqua	UnifG	0	0	-650	0	85	0	-650	0
Trave 6												
Sezione Nulla	196	150	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 7												
Sezione Nulla	150	149	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 8												
Sezione Nulla	149	402	spinta sismica acqua	UnifG	0	0	-650	0	80	0	-650	0
Trave 9												
Sezione Nulla	402	410	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 10												
Sezione Nulla	410	148	spinta sismica acqua	UnifG	0	0	-650	0	65	0	-650	0
Trave 11												
Sezione Nulla	148	147	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 12												
Sezione Nulla	147	146	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 13												
Sezione Nulla	146	145	spinta sismica acqua	UnifG	0	0	-650	0	85	0	-650	0
Trave 14												
Sezione Nulla	145	115	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 15												
Sezione Nulla	115	114	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0

Sezione	Ni	Nf	Cond.	Tipo c.	Xi	QXi	QYi	QZi	Xf	QXf	QYf	QZf
Trave 16												
Sezione Nulla	114	284	spinta sismica acqua	UnifG	0	0	-650	0	80	0	-650	0
Trave 17												
Sezione Nulla	284	293	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 18												
Sezione Nulla	293	330	spinta sismica acqua	UnifG	0	0	-650	0	155	0	-650	0
Trave 19												
Sezione Nulla	330	345	spinta sismica acqua	UnifG	0	0	-650	0	179	0	-650	0
Trave 20												
Sezione Nulla	315	66	spinta sismica acqua	UnifG	0	0	650	0	125	0	650	0
Trave 21												
Sezione Nulla	66	68	spinta sismica acqua	UnifG	0	0	650	0	210	0	650	0
Trave 22												
Sezione Nulla	68	67	spinta sismica acqua	UnifG	0	0	650	0	155	0	650	0
Trave 23												
Sezione Nulla	67	65	spinta sismica acqua	UnifG	0	0	650	0	155	0	650	0
Trave 24												
Sezione Nulla	65	64	spinta sismica acqua	UnifG	0	0	650	0	85	0	650	0
Trave 25												
Sezione Nulla	64	63	spinta sismica acqua	UnifG	0	0	650	0	155	0	650	0
Trave 26												
Sezione Nulla	63	12	spinta sismica acqua	UnifG	0	0	650	0	155	0	650	0
Trave 27												
Sezione Nulla	12	11	spinta sismica acqua	UnifG	0	0	650	0	80	0	650	0
Trave 28												
Sezione Nulla	11	13	spinta sismica acqua	UnifG	0	0	650	0	155	0	650	0
Trave 29												
Sezione Nulla	13	14	spinta sismica acqua	UnifG	0	0	650	0	155	0	650	0
Trave 30												
Sezione Nulla	14	15	spinta sismica acqua	UnifG	0	0	650	0	195	0	650	0
Trave 901												
50x120	303	304	Peso Proprio	UnifG	0	0	0	1500	755	0	0	1500
50x120	304	305	Peso Proprio	UnifG	0	0	0	1500	300	0	0	1500
50x120	305	319	Peso Proprio	UnifG	0	0	0	1500	300	0	0	1500
50x120	319	318	Peso Proprio	UnifG	0	0	0	1500	755	0	0	1500
Trave 902												
50x120	343	370	Peso Proprio	UnifG	0	0	0	1500	832	0	0	1500
50x120	368	50	Peso Proprio	UnifG	0	0	0	1500	836	0	0	1500
50x120	369	368	Peso Proprio	UnifG	0	0	0	1500	331	0	0	1500
50x120	370	369	Peso Proprio	UnifG	0	0	0	1500	331	0	0	1500

Pareti / solette / platee - geometria e vincoli

Parete	Nodi	Tipo	Materiale	Criterio	N.P.	N.P.X	N.P.Y	Spess. cm
1	1-6-7-2	Discreto	C35/45	CLS_Muri	16	4	4	160
2	2-7-8-3	Discreto	C35/45	CLS_Muri	16	4	4	160
3	3-8-9-4	Discreto	C35/45	CLS_Muri	16	4	4	160
4	4-9-10-5	Discreto	C35/45	CLS_Muri	16	4	4	160
5	9-11-12-10	Discreto	C35/45	CLS_Muri	16	4	4	160
6	8-13-11-9	Discreto	C35/45	CLS_Muri	16	4	4	160
7	7-14-13-8	Discreto	C35/45	CLS_Muri	16	4	4	160
8	6-15-14-7	Discreto	C35/45	CLS_Muri	16	4	4	160
9	11-16-17-12	Discreto	C35/45	CLS_Muri	16	4	4	160
10	13-18-16-11	Discreto	C35/45	CLS_Muri	16	4	4	160
11	14-19-18-13	Discreto	C35/45	CLS_Muri	16	4	4	160
12	15-20-19-14	Discreto	C35/45	CLS_Muri	16	4	4	160
13	16-21-22-17	Discreto	C35/45	CLS_Muri	16	4	4	160
14	18-23-21-16	Discreto	C35/45	CLS_Muri	16	4	4	160
15	19-24-23-18	Discreto	C35/45	CLS_Muri	16	4	4	160
16	20-25-24-19	Discreto	C35/45	CLS_Muri	16	4	4	160
17	21-26-27-22	Discreto	C35/45	CLS_Muri	16	4	4	160
18	23-28-26-21	Discreto	C35/45	CLS_Muri	16	4	4	160
19	24-29-28-23	Discreto	C35/45	CLS_Muri	16	4	4	160
20	25-30-29-24	Discreto	C35/45	CLS_Muri	16	4	4	160
21	26-31-32-27	Discreto	C35/45	CLS_Muri	16	4	4	160
22	28-33-31-26	Discreto	C35/45	CLS_Muri	16	4	4	160
23	29-34-33-28	Discreto	C35/45	CLS_Muri	16	4	4	160
24	30-35-34-29	Discreto	C35/45	CLS_Muri	16	4	4	160
25	31-36-37-32	Discreto	C35/45	CLS_Muri	16	4	4	160
26	33-38-36-31	Discreto	C35/45	CLS_Muri	16	4	4	160
27	34-39-38-33	Discreto	C35/45	CLS_Muri	16	4	4	160
28	35-40-39-34	Discreto	C35/45	CLS_Muri	16	4	4	160
29	36-41-42-37	Discreto	C35/45	CLS_Muri	16	4	4	160
30	38-43-41-36	Discreto	C35/45	CLS_Muri	16	4	4	160
31	39-44-43-38	Discreto	C35/45	CLS_Muri	16	4	4	160
32	40-45-44-39	Discreto	C35/45	CLS_Muri	16	4	4	160
33	41-46-47-42	Discreto	C35/45	CLS_Muri	16	4	4	160
34	43-48-46-41	Discreto	C35/45	CLS_Muri	16	4	4	160
35	44-49-48-43	Discreto	C35/45	CLS_Muri	16	4	4	160
36	45-50-49-44	Discreto	C35/45	CLS_Muri	16	4	4	160
37	5-10-62-56	Discreto	C35/45	CLS_Muri	16	4	4	160
38	56-62-58-52	Discreto	C35/45	CLS_Muri	16	4	4	160
39	52-58-57-51	Discreto	C35/45	CLS_Muri	16	4	4	160
40	51-57-59-53	Discreto	C35/45	CLS_Muri	16	4	4	160
41	53-59-60-54	Discreto	C35/45	CLS_Muri	16	4	4	160
42	54-60-61-55	Discreto	C35/45	CLS_Muri	16	4	4	160
43	62-63-64-58	Discreto	C35/45	CLS_Muri	16	4	4	160
44	58-64-65-57	Discreto	C35/45	CLS_Muri	16	4	4	160
45	10-12-63-62	Discreto	C35/45	CLS_Muri	16	4	4	160
46	57-65-67-59	Discreto	C35/45	CLS_Muri	16	4	4	160
47	59-67-68-60	Discreto	C35/45	CLS_Muri	16	4	4	160
48	60-68-66-61	Discreto	C35/45	CLS_Muri	16	4	4	160
49	63-69-70-64	Discreto	C35/45	CLS_Muri	16	4	4	160
50	64-70-71-65	Discreto	C35/45	CLS_Muri	16	4	4	160
51	12-17-69-63	Discreto	C35/45	CLS_Muri	16	4	4	160
52	65-71-73-67	Discreto	C35/45	CLS_Muri	16	4	4	160
53	67-73-74-68	Discreto	C35/45	CLS_Muri	16	4	4	160
54	68-74-72-66	Discreto	C35/45	CLS_Muri	16	4	4	160
55	69-75-76-70	Discreto	C35/45	CLS_Muri	16	4	4	160
56	70-76-77-71	Discreto	C35/45	CLS_Muri	16	4	4	160
57	17-22-75-69	Discreto	C35/45	CLS_Muri	16	4	4	160
58	71-77-79-73	Discreto	C35/45	CLS_Muri	16	4	4	160

Parete	Nodi	Tipo	Materiale	Criterio	N.P.	N.P.X	N.P.Y	Spess.
59	73-79-80-74	Discreto	C35/45	CLS_Muri	16	4	4	160
60	74-80-78-72	Discreto	C35/45	CLS_Muri	16	4	4	160
61	75-81-82-76	Discreto	C35/45	CLS_Muri	16	4	4	160
62	76-82-83-77	Discreto	C35/45	CLS_Muri	16	4	4	160
63	22-27-81-75	Discreto	C35/45	CLS_Muri	16	4	4	160
64	77-83-85-79	Discreto	C35/45	CLS_Muri	16	4	4	160
65	79-85-86-80	Discreto	C35/45	CLS_Muri	16	4	4	160
66	80-86-84-78	Discreto	C35/45	CLS_Muri	16	4	4	160
67	81-87-88-82	Discreto	C35/45	CLS_Muri	16	4	4	160
68	82-88-89-83	Discreto	C35/45	CLS_Muri	16	4	4	160
69	27-32-87-81	Discreto	C35/45	CLS_Muri	16	4	4	160
70	83-89-91-85	Discreto	C35/45	CLS_Muri	16	4	4	160
71	86-348-90-84	Discreto	C35/45	CLS_Muri	16	4	4	160
72	87-92-93-88	Discreto	C35/45	CLS_Muri	16	4	4	160
73	88-93-94-89	Discreto	C35/45	CLS_Muri	16	4	4	160
74	32-37-92-87	Discreto	C35/45	CLS_Muri	16	4	4	160
75	89-94-96-91	Discreto	C35/45	CLS_Muri	16	4	4	160
76	348-97-95-90	Discreto	C35/45	CLS_Muri	16	4	4	160
77	92-98-99-93	Discreto	C35/45	CLS_Muri	16	4	4	160
78	93-99-100-94	Discreto	C35/45	CLS_Muri	16	4	4	160
79	37-42-98-92	Discreto	C35/45	CLS_Muri	16	4	4	160
80	94-100-102-96	Discreto	C35/45	CLS_Muri	16	4	4	160
81	96-102-103-97	Discreto	C35/45	CLS_Muri	16	4	4	160
82	97-103-101-95	Discreto	C35/45	CLS_Muri	16	4	4	160
83	98-104-105-99	Discreto	C35/45	CLS_Muri	16	4	4	160
84	99-105-106-100	Discreto	C35/45	CLS_Muri	16	4	4	160
85	42-47-104-98	Discreto	C35/45	CLS_Muri	16	4	4	160
86	100-106-108-102	Discreto	C35/45	CLS_Muri	16	4	4	160
87	102-108-109-103	Discreto	C35/45	CLS_Muri	16	4	4	160
88	103-109-107-101	Discreto	C35/45	CLS_Muri	16	4	4	160
89	110-112-113-111	Discreto	C35/45	CLS_Muri	16	4	4	160
90	112-114-115-113	Discreto	C35/45	CLS_Muri	16	4	4	160
91	114-116-117-115	Discreto	C35/45	CLS_Muri	16	4	4	160
92	116-118-119-117	Discreto	C35/45	CLS_Muri	16	4	4	160
93	118-120-121-119	Discreto	C35/45	CLS_Muri	16	4	4	160
94	120-122-123-121	Discreto	C35/45	CLS_Muri	16	4	4	160
95	122-124-125-123	Discreto	C35/45	CLS_Muri	16	4	4	160
96	124-126-127-125	Discreto	C35/45	CLS_Muri	16	4	4	160
97	126-128-129-127	Discreto	C35/45	CLS_Muri	16	4	4	160
98	111-113-139-130	Discreto	C35/45	CLS_Muri	16	4	4	160
99	130-139-140-131	Discreto	C35/45	CLS_Muri	16	4	4	160
100	131-140-141-132	Discreto	C35/45	CLS_Muri	16	4	4	160
101	132-141-142-133	Discreto	C35/45	CLS_Muri	16	4	4	160
102	134-143-144-135	Discreto	C35/45	CLS_Muri	16	4	4	160
103	113-115-145-139	Discreto	C35/45	CLS_Muri	16	4	4	160
104	139-145-146-140	Discreto	C35/45	CLS_Muri	16	4	4	160
105	140-146-147-141	Discreto	C35/45	CLS_Muri	16	4	4	160
106	141-147-148-142	Discreto	C35/45	CLS_Muri	16	4	4	160
107	143-149-150-144	Discreto	C35/45	CLS_Muri	16	4	4	160
108	115-117-151-145	Discreto	C35/45	CLS_Muri	16	4	4	160
109	145-151-152-146	Discreto	C35/45	CLS_Muri	16	4	4	160
110	146-152-153-147	Discreto	C35/45	CLS_Muri	16	4	4	160
111	147-153-154-148	Discreto	C35/45	CLS_Muri	16	4	4	160
112	149-155-156-150	Discreto	C35/45	CLS_Muri	16	4	4	160
113	117-119-157-151	Discreto	C35/45	CLS_Muri	16	4	4	160
114	151-157-158-152	Discreto	C35/45	CLS_Muri	16	4	4	160
115	152-158-159-153	Discreto	C35/45	CLS_Muri	16	4	4	160
116	153-159-160-154	Discreto	C35/45	CLS_Muri	16	4	4	160
117	155-161-162-156	Discreto	C35/45	CLS_Muri	16	4	4	160
118	119-121-163-157	Discreto	C35/45	CLS_Muri	16	4	4	160
119	157-163-164-158	Discreto	C35/45	CLS_Muri	16	4	4	160
120	158-164-165-159	Discreto	C35/45	CLS_Muri	16	4	4	160

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Parete	Nodi	Tipo	Materiale	Criterio	N.P.	N.P.X	N.P.Y	Spess.
121	159-165-166-160	Discreto	C35/45	CLS_Muri	16	4	4	160
122	161-167-168-162	Discreto	C35/45	CLS_Muri	16	4	4	160
123	121-123-169-163	Discreto	C35/45	CLS_Muri	16	4	4	160
124	163-169-170-164	Discreto	C35/45	CLS_Muri	16	4	4	160
125	164-170-171-165	Discreto	C35/45	CLS_Muri	16	4	4	160
126	165-171-172-166	Discreto	C35/45	CLS_Muri	16	4	4	160
127	167-173-174-168	Discreto	C35/45	CLS_Muri	16	4	4	160
128	123-125-175-169	Discreto	C35/45	CLS_Muri	16	4	4	160
129	169-175-176-170	Discreto	C35/45	CLS_Muri	16	4	4	160
130	170-176-177-171	Discreto	C35/45	CLS_Muri	16	4	4	160
131	171-177-178-172	Discreto	C35/45	CLS_Muri	16	4	4	160
132	173-179-180-174	Discreto	C35/45	CLS_Muri	16	4	4	160
133	125-127-181-175	Discreto	C35/45	CLS_Muri	16	4	4	160
134	175-181-182-176	Discreto	C35/45	CLS_Muri	16	4	4	160
135	176-182-183-177	Discreto	C35/45	CLS_Muri	16	4	4	160
136	177-183-184-178	Discreto	C35/45	CLS_Muri	16	4	4	160
137	179-185-186-180	Discreto	C35/45	CLS_Muri	16	4	4	160
138	127-129-187-181	Discreto	C35/45	CLS_Muri	16	4	4	160
139	181-187-188-182	Discreto	C35/45	CLS_Muri	16	4	4	160
140	182-188-189-183	Discreto	C35/45	CLS_Muri	16	4	4	160
141	183-189-190-184	Discreto	C35/45	CLS_Muri	16	4	4	160
142	185-191-192-186	Discreto	C35/45	CLS_Muri	16	4	4	160
143	137-194-195-138	Discreto	C35/45	CLS_Muri	16	4	4	160
144	194-197-198-195	Discreto	C35/45	CLS_Muri	16	4	4	160
145	197-200-201-198	Discreto	C35/45	CLS_Muri	16	4	4	160
146	200-203-204-201	Discreto	C35/45	CLS_Muri	16	4	4	160
147	203-206-207-204	Discreto	C35/45	CLS_Muri	16	4	4	160
148	206-209-210-207	Discreto	C35/45	CLS_Muri	16	4	4	160
149	209-212-213-210	Discreto	C35/45	CLS_Muri	16	4	4	160
150	212-215-216-213	Discreto	C35/45	CLS_Muri	16	4	4	160
151	215-218-219-216	Discreto	C35/45	CLS_Muri	16	4	4	160
152	191-223-225-192	Discreto	C35/45	CLS_Muri	16	4	4	160
153	272-273-270	Platea	C35/45	CLS_Platee	11			160
154	270-273-275-269	Platea	C35/45	CLS_Platee	12			160
155	269-275-278-277	Platea	C35/45	CLS_Platee	12			160
156	277-278-242-244	Platea	C35/45	CLS_Platee	12			160
157	244-242-249-241	Platea	C35/45	CLS_Platee	12			160
158	241-249-246	Platea	C35/45	CLS_Platee	11			160
159	246-249-247-251	Platea	C35/45	CLS_Platee	12			160
160	251-247-253-252	Platea	C35/45	CLS_Platee	12			160
161	252-253-265-267	Platea	C35/45	CLS_Platee	12			160
162	267-265-260-266	Platea	C35/45	CLS_Platee	12			160
163	266-260-262-263	Platea	C35/45	CLS_Platee	12			160
164	263-262-240-239	Platea	C35/45	CLS_Platee	12			160
165	239-240-259-256	Platea	C35/45	CLS_Platee	12			160
166	259-258-254-256	Platea	C35/45	CLS_Platee	12			160
167	257-256-254-255	Platea	C35/45	CLS_Platee	12			160
168	268-272-270-271	Platea	C35/45	CLS_Platee	12			160
169	271-270-269-274	Platea	C35/45	CLS_Platee	12			160
170	274-269-277-276	Platea	C35/45	CLS_Platee	12			160
171	276-277-244-243	Platea	C35/45	CLS_Platee	12			160
172	243-244-241-238	Platea	C35/45	CLS_Platee	15			160
173	238-241-246-250	Platea	C35/45	CLS_Platee	15			160
174	250-246-251-245	Platea	C35/45	CLS_Platee	15			160
175	264-266-263-261	Platea	C35/45	CLS_Platee	12			160
176	1-2-242-278	Platea	C35/45	CLS_Platee	19			160
177	4-5-253-247	Platea	C35/45	CLS_Platee	15			160
178	5-56-265-253	Platea	C35/45	CLS_Platee	15			160
179	56-52-260-265	Platea	C35/45	CLS_Platee	15			160
180	52-51-262-260	Platea	C35/45	CLS_Platee	15			160
181	51-53-240-262	Platea	C35/45	CLS_Platee	15			160
182	53-54-259-240	Platea	C35/45	CLS_Platee	15			160

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Parete	Nodi	Tipo	Materiale	Criterio	N.P.	N.P.X	N.P.Y	Spess.
183	54-55-258-259	Platea	C35/45	CLS_Platee	19			160
184	268-271-111-110	Platea	C35/45	CLS_Platee	15			160
185	271-274-130-111	Platea	C35/45	CLS_Platee	15			160
186	274-276-131-130	Platea	C35/45	CLS_Platee	15			160
187	257-255-138-137	Platea	C35/45	CLS_Platee	19			160
188	218-230-227-219	Discreto	C35/45	CLS_Muri	16	4	4	160
189	232-109-107-229	Discreto	C35/45	CLS_Muri	16	4	4	160
190	231-232-229-228	Discreto	C35/45	CLS_Muri	16	4	4	160
191	230-231-228-227	Discreto	C35/45	CLS_Muri	16	4	4	160
192	280-281-112-110	Discreto	C35/45	CLS_Muri	16	4	4	160
193	282-283-120-118	Discreto	C35/45	CLS_Muri	16	4	4	160
194	281-284-114-112	Discreto	C35/45	CLS_Muri	16	4	4	160
195	284-285-116-114	Discreto	C35/45	CLS_Muri	16	4	4	160
196	285-282-118-116	Discreto	C35/45	CLS_Muri	16	4	4	160
197	283-286-122-120	Discreto	C35/45	CLS_Muri	16	4	4	160
198	286-287-124-122	Discreto	C35/45	CLS_Muri	16	4	4	160
199	287-288-126-124	Discreto	C35/45	CLS_Muri	16	4	4	160
200	288-279-128-126	Discreto	C35/45	CLS_Muri	16	4	4	160
201	289-268-110-280	Platea	C35/45	CLS_Platee	15			160
202	291-292-286-283	Discreto	C35/45	CLS_Muri	16	4	4	160
203	293-294-285-284	Discreto	C35/45	CLS_Muri	16	4	4	160
204	295-290-279-288	Discreto	C35/45	CLS_Muri	16	4	4	160
205	296-297-281-280	Discreto	C35/45	CLS_Muri	16	4	4	160
206	298-291-283-282	Discreto	C35/45	CLS_Muri	16	4	4	160
207	297-293-284-281	Discreto	C35/45	CLS_Muri	16	4	4	160
208	294-298-282-285	Discreto	C35/45	CLS_Muri	16	4	4	160
209	292-299-287-286	Discreto	C35/45	CLS_Muri	16	4	4	160
210	299-295-288-287	Discreto	C35/45	CLS_Muri	16	4	4	160
211	300-289-280-296	Platea	C35/45	CLS_Platee	15			160
212	337-334-292-291	Discreto	C35/45	CLS_Muri	16	4	4	160
213	330-331-294-293	Discreto	C35/45	CLS_Muri	16	4	4	160
214	332-333-290-295	Discreto	C35/45	CLS_Muri	16	4	4	160
215	328-329-297-296	Discreto	C35/45	CLS_Muri	16	4	4	160
216	336-337-291-298	Discreto	C35/45	CLS_Muri	16	4	4	160
217	329-330-293-297	Discreto	C35/45	CLS_Muri	16	4	4	160
218	331-336-298-294	Discreto	C35/45	CLS_Muri	16	4	4	160
219	334-335-299-292	Discreto	C35/45	CLS_Muri	16	4	4	160
220	335-332-295-299	Discreto	C35/45	CLS_Muri	16	4	4	160
221	327-300-296-328	Platea	C35/45	CLS_Platee	24			160
222	213-216-301-302	Discreto	C35/45	CLS_Muri	16	4	4	160
223	216-219-303-301	Discreto	C35/45	CLS_Muri	16	4	4	160
224	227-228-305-304	Discreto	C35/45	CLS_Muri	16	4	4	160
225	204-207-310-311	Discreto	C35/45	CLS_Muri	16	4	4	160
226	207-210-312-310	Discreto	C35/45	CLS_Muri	16	4	4	160
227	210-213-302-312	Discreto	C35/45	CLS_Muri	16	4	4	160
228	66-72-314-315	Discreto	C35/45	CLS_Muri	16	4	4	160
229	219-227-304-303	Discreto	C35/45	CLS_Muri	16	4	4	160
230	229-107-318-319	Discreto	C35/45	CLS_Muri	16	4	4	160
231	72-78-306-314	Discreto	C35/45	CLS_Muri	16	4	4	160
232	78-84-307-306	Discreto	C35/45	CLS_Muri	16	4	4	160
233	138-195-317-316	Discreto	C35/45	CLS_Muri	16	4	4	160
234	84-90-308-307	Discreto	C35/45	CLS_Muri	16	4	4	160
235	195-198-320-317	Discreto	C35/45	CLS_Muri	16	4	4	160
236	198-201-321-320	Discreto	C35/45	CLS_Muri	16	4	4	160
237	201-204-311-321	Discreto	C35/45	CLS_Muri	16	4	4	160
238	90-95-309-308	Discreto	C35/45	CLS_Muri	16	4	4	160
239	95-101-324-309	Discreto	C35/45	CLS_Muri	16	4	4	160
240	101-107-318-324	Discreto	C35/45	CLS_Muri	16	4	4	160
241	228-229-319-305	Discreto	C35/45	CLS_Muri	16	4	4	160
242	55-61-325-322	Discreto	C35/45	CLS_Muri	16	4	4	160
243	61-66-315-325	Discreto	C35/45	CLS_Muri	16	4	4	160
244	346-344-329-328	Discreto	C35/45	CLS_Muri	16	4	4	160

Parete	Nodi	Tipo	Materiale	Criterio	N.P.	N.P.X	N.P.Y	Spess.
245	345-340-331-330	Discreto	C35/45	CLS_Muri	16	4	4	160
246	347-343-333-332	Discreto	C35/45	CLS_Muri	16	4	4	160
247	341-342-335-334	Discreto	C35/45	CLS_Muri	16	4	4	160
248	338-339-337-336	Discreto	C35/45	CLS_Muri	16	4	4	160
249	344-345-330-329	Discreto	C35/45	CLS_Muri	16	4	4	160
250	340-338-336-331	Discreto	C35/45	CLS_Muri	16	4	4	160
251	342-347-332-335	Discreto	C35/45	CLS_Muri	16	4	4	160
252	327-328-346	Platea	C35/45	CLS_Platee	13			160
253	339-341-334-337	Discreto	C35/45	CLS_Muri	16	4	4	160
254	91-96-97-348	Discreto	C35/45	CLS_Muri	16	4	4	160
255	85-91-348-86	Discreto	C35/45	CLS_Muri	16	4	4	160
256	289-349-272-268	Platea	C35/45	CLS_Platee	12			160
257	300-349-289	Platea	C35/45	CLS_Platee	11			160
258	327-349-300	Platea	C35/45	CLS_Platee	14			160
259	349-273-272	Platea	C35/45	CLS_Platee	11			160
260	275-1-278	Platea	C35/45	CLS_Platee	11			160
261	273-1-275	Platea	C35/45	CLS_Platee	11			160
262	109-235-237-108	Discreto	C35/45	CLS_Muri	16	4	4	160
263	106-108-237-226	Discreto	C35/45	CLS_Muri	16	4	4	160
264	235-236-224-237	Discreto	C35/45	CLS_Muri	16	4	4	160
265	237-224-222-226	Discreto	C35/45	CLS_Muri	16	4	4	160
266	236-223-221-224	Discreto	C35/45	CLS_Muri	16	4	4	160
267	222-224-221-220	Discreto	C35/45	CLS_Muri	16	4	4	160
268	189-188-220-221	Discreto	C35/45	CLS_Muri	16	4	4	160
269	190-189-221-223	Discreto	C35/45	CLS_Muri	16	4	4	160
270	326-254-258-323	Platea	C35/45	CLS_Platee	24			160
271	313-255-254-326	Platea	C35/45	CLS_Platee	24			160
272	323-258-55-322	Platea	C35/45	CLS_Platee	24			160
273	316-138-255-313	Platea	C35/45	CLS_Platee	24			160
274	350-351-352-353	Discreto	C35/45	CLS_Muri	16	4	4	160
275	353-352-354-355	Discreto	C35/45	CLS_Muri	16	4	4	160
276	351-356-357-352	Discreto	C35/45	CLS_Muri	16	4	4	160
277	354-352-357-358	Discreto	C35/45	CLS_Muri	16	4	4	160
278	359-360-361-362	Discreto	C35/45	CLS_Muri	16	4	4	160
279	362-361-363-364	Discreto	C35/45	CLS_Muri	16	4	4	160
280	360-365-366-361	Discreto	C35/45	CLS_Muri	16	4	4	160
281	363-361-366-367	Discreto	C35/45	CLS_Muri	16	4	4	160
282	105-350-353-104	Discreto	C35/45	CLS_Muri	16	4	4	160
283	104-353-355-47	Discreto	C35/45	CLS_Muri	16	4	4	160
284	106-226-350-105	Discreto	C35/45	CLS_Muri	16	4	4	160
285	226-222-351-350	Discreto	C35/45	CLS_Muri	16	4	4	160
286	222-220-356-351	Discreto	C35/45	CLS_Muri	16	4	4	160
287	355-354-360-359	Discreto	C35/45	CLS_Muri	16	4	4	160
288	354-358-365-360	Discreto	C35/45	CLS_Muri	16	4	4	160
289	232-235-109	Discreto	C35/45	CLS_Muri	16	4	4	160
290	231-234-235-232	Discreto	C35/45	CLS_Muri	16	4	4	160
291	234-236-235	Discreto	C35/45	CLS_Muri	16	4	4	160
292	359-46-47-355	Discreto	C35/45	CLS_Muri	16	4	4	160
293	233-234-231-230	Discreto	C35/45	CLS_Muri	16	4	4	160
294	225-236-234-233	Discreto	C35/45	CLS_Muri	16	4	4	160
295	192-225-233-217	Discreto	C35/45	CLS_Muri	16	4	4	160
296	223-236-225	Discreto	C35/45	CLS_Muri	16	4	4	160
297	186-192-217-214	Discreto	C35/45	CLS_Muri	16	4	4	160
298	180-186-214-211	Discreto	C35/45	CLS_Muri	16	4	4	160
299	174-180-211-208	Discreto	C35/45	CLS_Muri	16	4	4	160
300	168-174-208-205	Discreto	C35/45	CLS_Muri	16	4	4	160
301	162-168-205-202	Discreto	C35/45	CLS_Muri	16	4	4	160
302	156-162-202-199	Discreto	C35/45	CLS_Muri	16	4	4	160
303	150-156-199-196	Discreto	C35/45	CLS_Muri	16	4	4	160
304	144-150-196-193	Discreto	C35/45	CLS_Muri	16	4	4	160
305	135-144-193-136	Discreto	C35/45	CLS_Muri	16	4	4	160
306	248-264-136-135	Platea	C35/45	CLS_Platee	24			160

Parete	Nodi	Tipo	Materiale	Criterio	N.P.	N.P.X	N.P.Y	Spess.
307	187-356-220-188	Discreto	C35/45	CLS_Muri	16	4	4	160
308	129-357-356-187	Discreto	C35/45	CLS_Muri	16	4	4	160
309	128-358-357-129	Discreto	C35/45	CLS_Muri	16	4	4	160
310	279-365-358-128	Discreto	C35/45	CLS_Muri	16	4	4	160
311	290-366-365-279	Discreto	C35/45	CLS_Muri	16	4	4	160
312	333-367-366-290	Discreto	C35/45	CLS_Muri	16	4	4	160
313	362-48-46-359	Discreto	C35/45	CLS_Muri	16	4	4	160
314	364-49-48-362	Discreto	C35/45	CLS_Muri	16	4	4	160
315	343-370-367-333	Discreto	C35/45	CLS_Muri	16	4	4	160
316	370-369-363-367	Discreto	C35/45	CLS_Muri	16	4	4	160
317	369-368-364-363	Discreto	C35/45	CLS_Muri	16	4	4	160
318	368-50-49-364	Discreto	C35/45	CLS_Muri	16	4	4	160
319	248-267-266-264	Platea	C35/45	CLS_Platee	15			160
320	245-251-252-371	Platea	C35/45	CLS_Platee	15			160
321	371-252-267-248	Platea	C35/45	CLS_Platee	15			160
322	261-263-239-372	Platea	C35/45	CLS_Platee	12			160
323	372-239-256-257	Platea	C35/45	CLS_Platee	12			160
324	373-374-197-194	Discreto	C35/45	CLS_Muri	16	4	4	160
325	374-375-200-197	Discreto	C35/45	CLS_Muri	16	4	4	160
326	375-376-203-200	Discreto	C35/45	CLS_Muri	16	4	4	160
327	376-377-206-203	Discreto	C35/45	CLS_Muri	16	4	4	160
328	378-379-215-212	Discreto	C35/45	CLS_Muri	16	4	4	160
329	380-373-194-137	Discreto	C35/45	CLS_Muri	16	4	4	160
330	379-381-218-215	Discreto	C35/45	CLS_Muri	16	4	4	160
331	377-382-209-206	Discreto	C35/45	CLS_Muri	16	4	4	160
332	382-378-212-209	Discreto	C35/45	CLS_Muri	16	4	4	160
333	383-384-374-373	Discreto	C35/45	CLS_Muri	16	4	4	160
334	384-385-375-374	Discreto	C35/45	CLS_Muri	16	4	4	160
335	385-386-376-375	Discreto	C35/45	CLS_Muri	16	4	4	160
336	386-387-377-376	Discreto	C35/45	CLS_Muri	16	4	4	160
337	388-389-378-382	Discreto	C35/45	CLS_Muri	16	4	4	160
338	387-388-382-377	Discreto	C35/45	CLS_Muri	16	4	4	160
339	389-390-379-378	Discreto	C35/45	CLS_Muri	16	4	4	160
340	391-383-373-380	Discreto	C35/45	CLS_Muri	16	4	4	160
341	390-392-381-379	Discreto	C35/45	CLS_Muri	16	4	4	160
342	136-193-383-391	Discreto	C35/45	CLS_Muri	16	4	4	160
343	193-196-384-383	Discreto	C35/45	CLS_Muri	16	4	4	160
344	211-214-390-389	Discreto	C35/45	CLS_Muri	16	4	4	160
345	214-217-392-390	Discreto	C35/45	CLS_Muri	16	4	4	160
346	205-208-388-387	Discreto	C35/45	CLS_Muri	16	4	4	160
347	208-211-389-388	Discreto	C35/45	CLS_Muri	16	4	4	160
348	196-199-385-384	Discreto	C35/45	CLS_Muri	16	4	4	160
349	199-202-386-385	Discreto	C35/45	CLS_Muri	16	4	4	160
350	202-205-387-386	Discreto	C35/45	CLS_Muri	16	4	4	160
351	393-394-161-155	Discreto	C35/45	CLS_Muri	16	4	4	160
352	394-395-167-161	Discreto	C35/45	CLS_Muri	16	4	4	160
353	395-396-173-167	Discreto	C35/45	CLS_Muri	16	4	4	160
354	396-397-179-173	Discreto	C35/45	CLS_Muri	16	4	4	160
355	397-398-185-179	Discreto	C35/45	CLS_Muri	16	4	4	160
356	398-399-191-185	Discreto	C35/45	CLS_Muri	16	4	4	160
357	400-401-143-134	Discreto	C35/45	CLS_Muri	16	4	4	160
358	401-402-149-143	Discreto	C35/45	CLS_Muri	16	4	4	160
359	402-393-155-149	Discreto	C35/45	CLS_Muri	16	4	4	160
360	403-404-394-393	Discreto	C35/45	CLS_Muri	16	4	4	160
361	404-405-395-394	Discreto	C35/45	CLS_Muri	16	4	4	160
362	406-407-397-396	Discreto	C35/45	CLS_Muri	16	4	4	160
363	405-406-396-395	Discreto	C35/45	CLS_Muri	16	4	4	160
364	408-409-399-398	Discreto	C35/45	CLS_Muri	16	4	4	160
365	407-408-398-397	Discreto	C35/45	CLS_Muri	16	4	4	160
366	410-403-393-402	Discreto	C35/45	CLS_Muri	16	4	4	160
367	411-410-402-401	Discreto	C35/45	CLS_Muri	16	4	4	160
368	412-411-401-400	Discreto	C35/45	CLS_Muri	16	4	4	160

Parete	Nodi	Tipo	Materiale	Criterio	N.P.	N.P.X	N.P.Y	Spess.
369	184-190-409-408	Discreto	C35/45	CLS_Muri	16	4	4	160
370	178-184-408-407	Discreto	C35/45	CLS_Muri	16	4	4	160
371	166-172-406-405	Discreto	C35/45	CLS_Muri	16	4	4	160
372	172-178-407-406	Discreto	C35/45	CLS_Muri	16	4	4	160
373	148-154-403-410	Discreto	C35/45	CLS_Muri	16	4	4	160
374	160-166-405-404	Discreto	C35/45	CLS_Muri	16	4	4	160
375	154-160-404-403	Discreto	C35/45	CLS_Muri	16	4	4	160
376	142-148-410-411	Discreto	C35/45	CLS_Muri	16	4	4	160
377	133-142-411-412	Discreto	C35/45	CLS_Muri	16	4	4	160
378	257-137-380-372	Platea	C35/45	CLS_Platee	15			160
379	372-380-391-261	Platea	C35/45	CLS_Platee	15			160
380	261-391-136-264	Platea	C35/45	CLS_Platee	15			160
381	248-135-134-371	Platea	C35/45	CLS_Platee	24			160
382	371-134-400-245	Platea	C35/45	CLS_Platee	24			160
383	245-400-412-250	Platea	C35/45	CLS_Platee	24			160
384	250-412-133-238	Platea	C35/45	CLS_Platee	24			160
385	238-133-132-243	Platea	C35/45	CLS_Platee	24			160
386	243-132-131-276	Platea	C35/45	CLS_Platee	15			160
387	249-242-2-3	Platea	C35/45	CLS_Platee	15			160
388	247-249-3-4	Platea	C35/45	CLS_Platee	15			160
389	190-223-409	Discreto	C35/45	CLS_Muri	16	4	4	160
390	409-223-399	Discreto	C35/45	CLS_Muri	16	4	4	160
391	399-223-191	Discreto	C35/45	CLS_Muri	16	4	4	160
392	217-233-392	Discreto	C35/45	CLS_Muri	16	4	4	160
393	381-230-218	Discreto	C35/45	CLS_Muri	16	4	4	160
394	392-233-230-381	Discreto	C35/45	CLS_Muri	16	4	4	160

Muri - Carichi

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
			kg/mq					cm	kg/mc	kg/cmq	°	
1	Peso Proprio	Peso Proprio kg	7800									
1	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
1	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
1	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
2	Peso Proprio	Peso Proprio kg	6200									
2	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
2	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
2	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
2	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
3	Peso Proprio	Peso Proprio kg	6200									
3	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
3	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
3	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
3	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
4	Peso Proprio	Peso Proprio kg	3200									
4	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
4	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
4	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
5	Peso Proprio	Peso Proprio kg	3200									
5	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
5	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
5	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
6	Peso Proprio	Peso Proprio kg	6200									
6	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
6	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
6	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
6	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
7	Peso Proprio	Peso Proprio kg	6200									
7	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
7	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
7	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
7	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
8	Peso Proprio	Peso Proprio kg	7800									
8	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
8	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
8	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
9	Peso Proprio	Peso Proprio kg	3200									
9	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
9	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
9	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
10	Peso Proprio	Peso Proprio kg	6200									
10	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
10	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
10	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
10	incremento sismica spinta terre	Uniforme_GLOBY	2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	SX											
11	Peso Proprio	Peso Proprio kg	6200									
11	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
11	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
11	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
11	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
12	Peso Proprio	Peso Proprio kg	7800									
12	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
12	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
12	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
13	Peso Proprio	Peso Proprio kg	3200									
13	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
13	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
13	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
14	Peso Proprio	Peso Proprio kg	6200									
14	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
14	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
14	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
14	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
15	Peso Proprio	Peso Proprio kg	6200									
15	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
15	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
15	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
15	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
16	Peso Proprio	Peso Proprio kg	7800									
16	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
16	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
16	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
17	Peso Proprio	Peso Proprio kg	3200									
17	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
17	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
17	incremento sismica	Uniforme_GLOBY	2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre SX											
18	Peso Proprio	Peso Proprio kg	6200									
18	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
18	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
18	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
18	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
19	Peso Proprio	Peso Proprio kg	6200									
19	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
19	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
19	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
19	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
20	Peso Proprio	Peso Proprio kg	7800									
20	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
20	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
20	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
21	Peso Proprio	Peso Proprio kg	3200									
21	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
21	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
21	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
22	Peso Proprio	Peso Proprio kg	6200									
22	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
22	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
22	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
22	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
23	Peso Proprio	Peso Proprio kg	6200									
23	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
23	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
23	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
23	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
24	Peso Proprio	Peso Proprio kg	7800									
24	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
24	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
24	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
25	Peso Proprio	Peso Proprio kg	3200									
25	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
25	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
25	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
26	Peso Proprio	Peso Proprio kg	6200									
26	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
26	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
26	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
26	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
27	Peso Proprio	Peso Proprio kg	6200									
27	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
27	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
27	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
27	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
28	Peso Proprio	Peso Proprio kg	7800									
28	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
28	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
28	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
29	Peso Proprio	Peso Proprio kg	1920									
29	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
29	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
29	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
30	Peso Proprio	Peso Proprio kg	3720									
30	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
30	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
30	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
30	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
31	Peso Proprio	Peso Proprio kg	3720									
31	SPINTA	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	TERRE DX											
31	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
31	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
31	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
32	Peso Proprio	Peso Proprio kg	4680									
32	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
32	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
32	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
33	Peso Proprio	Peso Proprio kg	5120									
33	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
33	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
33	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
34	Peso Proprio	Peso Proprio kg	9920									
34	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
34	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
34	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
34	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
35	Peso Proprio	Peso Proprio kg	9920									
35	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
35	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
35	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
35	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
36	Peso Proprio	Peso Proprio kg	12480									
36	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
36	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
36	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
37	Peso Proprio	Peso Proprio kg	6200									
37	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
37	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
37	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
37	incremento sismica	Uniforme_GLOBY	2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre SX											
38	Peso Proprio	Peso Proprio kg	6200									
38	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
38	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
38	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
38	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
39	Peso Proprio	Peso Proprio kg	3400									
39	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
39	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
39	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
40	Peso Proprio	Peso Proprio kg	6200									
40	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
40	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
40	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
40	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
41	Peso Proprio	Peso Proprio kg	6200									
41	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
41	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
41	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
41	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
42	Peso Proprio	Peso Proprio kg	8400									
42	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
42	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
42	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
43	Peso Proprio	Peso Proprio kg	6200									
43	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
43	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
43	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
43	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
44	Peso Proprio	Peso Proprio kg	3400									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
44	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
44	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
44	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
45	Peso Proprio	Peso Proprio kg	6200									
45	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
45	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
45	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
45	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
46	Peso Proprio	Peso Proprio kg	6200									
46	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
46	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
46	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
46	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
47	Peso Proprio	Peso Proprio kg	6200									
47	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
47	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
47	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
47	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
48	Peso Proprio	Peso Proprio kg	8400									
48	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
48	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
48	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
49	Peso Proprio	Peso Proprio kg	6200									
49	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
49	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
49	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
49	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
50	Peso Proprio	Peso Proprio kg	3400									
50	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
50	spinta	Idrostatico - Positivo						275	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica dx											
50	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
51	Peso Proprio	Peso Proprio kg	6200									
51	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
51	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
51	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
51	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
52	Peso Proprio	Peso Proprio kg	6200									
52	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
52	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
52	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
52	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
53	Peso Proprio	Peso Proprio kg	6200									
53	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
53	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
53	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
53	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
54	Peso Proprio	Peso Proprio kg	8400									
54	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
54	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
54	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
55	Peso Proprio	Peso Proprio kg	6200									
55	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
55	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
55	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
55	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
56	Peso Proprio	Peso Proprio kg	3400									
56	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
56	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
56	incremento sismica	Uniforme_GLOBY	2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre SX											
57	Peso Proprio	Peso Proprio kg	6200									
57	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
57	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
57	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
57	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
58	Peso Proprio	Peso Proprio kg	6200									
58	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
58	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
58	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
58	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
59	Peso Proprio	Peso Proprio kg	6200									
59	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
59	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
59	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
59	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
60	Peso Proprio	Peso Proprio kg	8400									
60	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
60	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
60	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
61	Peso Proprio	Peso Proprio kg	6200									
61	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
61	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
61	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
61	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
62	Peso Proprio	Peso Proprio kg	3400									
62	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
62	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
62	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
63	Peso Proprio	Peso Proprio kg	6200									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
63	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
63	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
63	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
63	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
64	Peso Proprio	Peso Proprio kg	6200									
64	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
64	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
64	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
64	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
65	Peso Proprio	Peso Proprio kg	6200									
65	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
65	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
65	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
65	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
66	Peso Proprio	Peso Proprio kg	8400									
66	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
66	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
66	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
67	Peso Proprio	Peso Proprio kg	6200									
67	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
67	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
67	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
67	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
68	Peso Proprio	Peso Proprio kg	3400									
68	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
68	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
68	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
69	Peso Proprio	Peso Proprio kg	6200									
69	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
69	spinta	Idrostatico - Positivo						265	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica dx											
69	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
69	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
70	Peso Proprio	Peso Proprio kg	6200									
70	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
70	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
70	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
70	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
71	Peso Proprio	Peso Proprio kg	8400									
71	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
71	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
71	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
72	Peso Proprio	Peso Proprio kg	6200									
72	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
72	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
72	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
72	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
73	Peso Proprio	Peso Proprio kg	3400									
73	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
73	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
73	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
74	Peso Proprio	Peso Proprio kg	6200									
74	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
74	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
74	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
74	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
75	Peso Proprio	Peso Proprio kg	6200									
75	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
75	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
75	spinta	Idrostatico - Positivo						265	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica dx											
75	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
76	Peso Proprio	Peso Proprio kg	8400									
76	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
76	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
76	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
77	Peso Proprio	Peso Proprio kg	3720									
77	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
77	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
77	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
77	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
78	Peso Proprio	Peso Proprio kg	2040									
78	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
78	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
78	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
79	Peso Proprio	Peso Proprio kg	3720									
79	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
79	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
79	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
79	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
80	Peso Proprio	Peso Proprio kg	3720									
80	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
80	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
80	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
80	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
81	Peso Proprio	Peso Proprio kg	3720									
81	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
81	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
81	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
81	incremento sismica	Uniforme_GLOBY	2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre SX											
82	Peso Proprio	Peso Proprio kg	5040									
82	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
82	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
82	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
83	Peso Proprio	Peso Proprio kg	9920									
83	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
83	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
83	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
83	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
84	Peso Proprio	Peso Proprio kg	5440									
84	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
84	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
84	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
85	Peso Proprio	Peso Proprio kg	9920									
85	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
85	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
85	spinta sovraccarico dx binario 2	Uniforme_GLOBY	2730									
85	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
86	Peso Proprio	Peso Proprio kg	9920									
86	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
86	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
86	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
86	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
87	Peso Proprio	Peso Proprio kg	9920									
87	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
87	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
87	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
87	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
88	Peso Proprio	Peso Proprio kg	13440									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
88	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
88	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
88	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
89	Peso Proprio	Peso Proprio kg	6200									
89	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
89	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
89	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
89	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
90	Peso Proprio	Peso Proprio kg	6200									
90	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
90	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
90	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
90	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
91	Peso Proprio	Peso Proprio kg	6200									
91	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
91	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
91	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
91	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
92	Peso Proprio	Peso Proprio kg	6200									
92	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
92	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
92	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
92	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
93	Peso Proprio	Peso Proprio kg	6200									
93	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
93	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
93	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
93	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
94	Peso Proprio	Peso Proprio kg	6200									
94	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
94	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
94	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
94	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
95	Peso Proprio	Peso Proprio kg	6200									
95	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
95	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
95	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
95	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
96	Peso Proprio	Peso Proprio kg	3720									
96	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
96	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
96	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
96	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
97	Peso Proprio	Peso Proprio kg	9920									
97	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
97	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
97	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
97	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
98	Peso Proprio	Peso Proprio kg	6200									
98	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
98	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
98	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
98	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
99	Peso Proprio	Peso Proprio kg	3400									
99	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
99	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
99	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
100	Peso Proprio	Peso Proprio kg	6200									
100	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
100	spinta idrostatica sx	Idrostatico - Negativo						275	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
100	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
100	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
101	Peso Proprio	Peso Proprio kg	6200									
101	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
101	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
101	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
101	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
102	Peso Proprio	Peso Proprio kg	6200									
102	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
102	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
102	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
103	Peso Proprio	Peso Proprio kg	6200									
103	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
103	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
103	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
103	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
104	Peso Proprio	Peso Proprio kg	3400									
104	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
104	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
104	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
105	Peso Proprio	Peso Proprio kg	6200									
105	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
105	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
105	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
105	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
106	Peso Proprio	Peso Proprio kg	6200									
106	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
106	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
106	spinta sovraccarico	Uniforme_GLOBY	-2730									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	sx binario esistente											
106	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
107	Peso Proprio	Peso Proprio kg	6200									
107	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
107	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
107	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
108	Peso Proprio	Peso Proprio kg	6200									
108	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
108	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
108	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
108	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
109	Peso Proprio	Peso Proprio kg	3400									
109	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
109	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
109	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
110	Peso Proprio	Peso Proprio kg	6200									
110	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
110	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
110	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
110	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
111	Peso Proprio	Peso Proprio kg	6200									
111	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
111	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
111	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
111	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
112	Peso Proprio	Peso Proprio kg	6200									
112	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
112	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
112	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
113	Peso Proprio	Peso Proprio kg	6200									
113	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
113	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
113	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
113	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
114	Peso Proprio	Peso Proprio kg	3400									
114	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
114	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
114	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
115	Peso Proprio	Peso Proprio kg	6200									
115	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
115	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
115	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
115	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
116	Peso Proprio	Peso Proprio kg	6200									
116	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
116	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
116	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
116	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
117	Peso Proprio	Peso Proprio kg	6200									
117	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
117	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
117	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
118	Peso Proprio	Peso Proprio kg	6200									
118	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
118	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
118	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
118	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
119	Peso Proprio	Peso Proprio kg	3400									
119	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
119	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
119	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
120	Peso Proprio	Peso Proprio kg	6200									
120	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
120	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
120	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
120	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
121	Peso Proprio	Peso Proprio kg	6200									
121	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
121	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
121	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
121	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
122	Peso Proprio	Peso Proprio kg	6200									
122	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
122	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
122	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
123	Peso Proprio	Peso Proprio kg	6200									
123	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
123	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
123	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
123	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
124	Peso Proprio	Peso Proprio kg	3400									
124	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
124	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
124	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
125	Peso Proprio	Peso Proprio kg	6200									
125	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
125	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
125	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
125	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
126	Peso Proprio	Peso Proprio kg	6200									
126	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
126	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
126	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
126	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
127	Peso Proprio	Peso Proprio kg	6200									
127	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
127	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
127	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
128	Peso Proprio	Peso Proprio kg	6200									
128	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
128	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
128	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
128	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
129	Peso Proprio	Peso Proprio kg	3400									
129	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
129	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
129	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
130	Peso Proprio	Peso Proprio kg	6200									
130	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
130	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
130	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
130	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
131	Peso Proprio	Peso Proprio kg	6200									
131	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
131	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
131	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
131	incremento sismica	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre DX											
132	Peso Proprio	Peso Proprio kg	6200									
132	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
132	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
132	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
133	Peso Proprio	Peso Proprio kg	3720									
133	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
133	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
133	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
133	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
134	Peso Proprio	Peso Proprio kg	2040									
134	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
134	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
134	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
135	Peso Proprio	Peso Proprio kg	3720									
135	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
135	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
135	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
135	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
136	Peso Proprio	Peso Proprio kg	3720									
136	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
136	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
136	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
136	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
137	Peso Proprio	Peso Proprio kg	3720									
137	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
137	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
137	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
138	Peso Proprio	Peso Proprio kg	9920									
138	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
138	spinta	Idrostatico - Negativo						265	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica sx											
138	spinta sovraccarico sx binario 2	Uniforme_GLOBY	-2730									
138	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
139	Peso Proprio	Peso Proprio kg	5440									
139	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
139	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
139	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
140	Peso Proprio	Peso Proprio kg	9920									
140	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
140	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
140	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
140	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
141	Peso Proprio	Peso Proprio kg	9920									
141	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
141	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
141	spinta sovraccarico sx binario esistente	Uniforme_GLOBY	-2730									
141	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
142	Peso Proprio	Peso Proprio kg	9920									
142	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
142	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
142	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
143	Peso Proprio	Peso Proprio kg	8400									
143	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
143	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
143	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
144	Peso Proprio	Peso Proprio kg	8400									
144	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
144	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
144	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
145	Peso Proprio	Peso Proprio kg	8400									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
145	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
145	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
145	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
146	Peso Proprio	Peso Proprio kg	8400									
146	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
146	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
146	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
147	Peso Proprio	Peso Proprio kg	8400									
147	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
147	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
147	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
148	Peso Proprio	Peso Proprio kg	8400									
148	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
148	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
148	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
149	Peso Proprio	Peso Proprio kg	8400									
149	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
149	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
149	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
150	Peso Proprio	Peso Proprio kg	5040									
150	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
150	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
150	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
151	Peso Proprio	Peso Proprio kg	13440									
151	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
151	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
151	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
152	Peso Proprio sovraccarico permanente soletta	Peso Proprio kg	43035									
152		Uniforme_GLOBZ	1735									
153	Peso Proprio	Peso Proprio kg	16353									
153	q1	Uniforme_GLOBZ	4000									
153	permanente fondazione	Uniforme_GLOBZ	4390									
154	Peso Proprio	Peso Proprio kg	32969									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
154	q1	Uniforme_GLOBZ	4000									
154	permanente fondazione	Uniforme_GLOBZ	4390									
155	Peso Proprio	Peso Proprio kg	21100									
155	q1	Uniforme_GLOBZ	4000									
155	permanente fondazione	Uniforme_GLOBZ	4390									
156	Peso Proprio	Peso Proprio kg	34288									
156	q1	Uniforme_GLOBZ	4000									
156	permanente fondazione	Uniforme_GLOBZ	4390									
157	Peso Proprio	Peso Proprio kg	34287									
157	q1	Uniforme_GLOBZ	4000									
157	permanente fondazione	Uniforme_GLOBZ	4390									
158	Peso Proprio	Peso Proprio kg	5275									
158	q1	Uniforme_GLOBZ	4000									
158	permanente fondazione	Uniforme_GLOBZ	4390									
159	Peso Proprio	Peso Proprio kg	32705									
159	q1	Uniforme_GLOBZ	4000									
159	permanente fondazione	Uniforme_GLOBZ	4390									
160	Peso Proprio	Peso Proprio kg	16880									
160	q1	Uniforme_GLOBZ	4000									
160	permanente fondazione	Uniforme_GLOBZ	4390									
161	Peso Proprio	Peso Proprio kg	32705									
161	q1	Uniforme_GLOBZ	4000									
161	permanente fondazione	Uniforme_GLOBZ	4390									
162	Peso Proprio	Peso Proprio kg	32705									
162	q1	Uniforme_GLOBZ	4000									
162	permanente fondazione	Uniforme_GLOBZ	4390									
163	Peso Proprio	Peso Proprio kg	17935									
163	q1	Uniforme_GLOBZ	4000									
163	permanente fondazione	Uniforme_GLOBZ	4390									
164	Peso Proprio	Peso Proprio kg	32705									
164	q1	Uniforme_GLOBZ	4000									
164	permanente fondazione	Uniforme_GLOBZ	4390									
165	Peso Proprio	Peso Proprio kg	32705									
165	q1	Uniforme_GLOBZ	4000									
165	permanente fondazione	Uniforme_GLOBZ	4390									
166	Peso Proprio	Peso Proprio kg	44310									
166	q1	Uniforme_GLOBZ	4000									
166	permanente fondazione	Uniforme_GLOBZ	4390									
167	Peso Proprio	Peso Proprio kg	44310									
167	q1	Uniforme_GLOBZ	4000									
167	permanente fondazione	Uniforme_GLOBZ	4390									
168	Peso Proprio	Peso Proprio kg	32705									
168	q1	Uniforme_GLOBZ	4000									
168	permanente fondazione	Uniforme_GLOBZ	4390									
169	Peso Proprio	Peso Proprio kg	33760									
169	q1	Uniforme_GLOBZ	4000									
169	permanente fondazione	Uniforme_GLOBZ	4390									
170	Peso Proprio	Peso Proprio kg	19518									
170	q1	Uniforme_GLOBZ	4000									
170	permanente fondazione	Uniforme_GLOBZ	4390									
171	Peso Proprio	Peso Proprio kg	30067									
171	q1	Uniforme_GLOBZ	4000									
171	permanente	Uniforme_GLOBZ	4390									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
		fondazione										
172	Peso Proprio	Peso Proprio kg	34287									
172	q1	Uniforme_GLOBZ	4000									
172	permanente fondazione	Uniforme_GLOBZ	4390									
173	Peso Proprio	Peso Proprio kg	12132									
173	q1	Uniforme_GLOBZ	4000									
173	permanente fondazione	Uniforme_GLOBZ	4390									
174	Peso Proprio	Peso Proprio kg	32705									
174	q1	Uniforme_GLOBZ	4000									
174	permanente fondazione	Uniforme_GLOBZ	4390									
175	Peso Proprio	Peso Proprio kg	17935									
175	q1	Uniforme_GLOBZ	4000									
175	permanente fondazione	Uniforme_GLOBZ	4390									
176	Peso Proprio	Peso Proprio kg	41145									
176	q1	Uniforme_GLOBZ	4000									
176	permanente fondazione	Uniforme_GLOBZ	4390									
177	Peso Proprio	Peso Proprio kg	16880									
177	q1	Uniforme_GLOBZ	4000									
177	permanente fondazione	Uniforme_GLOBZ	4390									
178	Peso Proprio	Peso Proprio kg	32705									
178	q1	Uniforme_GLOBZ	4000									
178	permanente fondazione	Uniforme_GLOBZ	4390									
179	Peso Proprio	Peso Proprio kg	32705									
179	q1	Uniforme_GLOBZ	4000									
179	permanente fondazione	Uniforme_GLOBZ	4390									
180	Peso Proprio	Peso Proprio kg	17935									
180	q1	Uniforme_GLOBZ	4000									
180	permanente fondazione	Uniforme_GLOBZ	4390									
181	Peso Proprio	Peso Proprio kg	32705									
181	q1	Uniforme_GLOBZ	4000									
181	permanente fondazione	Uniforme_GLOBZ	4390									
182	Peso Proprio	Peso Proprio kg	32705									
182	q1	Uniforme_GLOBZ	4000									
182	permanente fondazione	Uniforme_GLOBZ	4390									
183	Peso Proprio	Peso Proprio kg	44310									
183	q1	Uniforme_GLOBZ	4000									
183	permanente fondazione	Uniforme_GLOBZ	4390									
184	Peso Proprio	Peso Proprio kg	32705									
184	q1	Uniforme_GLOBZ	4000									
184	permanente fondazione	Uniforme_GLOBZ	4390									
185	Peso Proprio	Peso Proprio kg	32705									
185	q1	Uniforme_GLOBZ	4000									
185	permanente fondazione	Uniforme_GLOBZ	4390									
186	Peso Proprio	Peso Proprio kg	17935									
186	q1	Uniforme_GLOBZ	4000									
186	permanente fondazione	Uniforme_GLOBZ	4390									
187	Peso Proprio	Peso Proprio kg	44310									
187	q1	Uniforme_GLOBZ	4000									
187	permanente fondazione	Uniforme_GLOBZ	4390									
188	Peso Proprio	Peso Proprio kg	63420									
188	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
189	Peso Proprio	Peso Proprio kg	63420									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
189	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
190	Peso Proprio	Peso Proprio kg	25200									
190	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
191	Peso Proprio	Peso Proprio kg	25200									
191	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
192	Peso Proprio	Peso Proprio kg	3200									
192	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
192	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
192	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
193	Peso Proprio	Peso Proprio kg	3200									
193	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
193	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
193	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
194	Peso Proprio	Peso Proprio kg	3200									
194	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
194	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
194	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
195	Peso Proprio	Peso Proprio kg	3200									
195	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
195	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
195	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
196	Peso Proprio	Peso Proprio kg	3200									
196	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
196	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
196	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
197	Peso Proprio	Peso Proprio kg	3200									
197	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
197	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
197	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
198	Peso Proprio	Peso Proprio kg	3200									
198	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
198	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
198	incremento	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	sismica spinta terre DX											
199	Peso Proprio	Peso Proprio kg	1920									
199	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
199	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
199	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
200	Peso Proprio	Peso Proprio kg	5120									
200	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
200	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
200	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
201	Peso Proprio	Peso Proprio kg	16880									
201	q1	Uniforme_GLOBZ	4000									
201	permanente fondazione	Uniforme_GLOBZ	4390									
202	Peso Proprio	Peso Proprio kg	6200									
202	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
202	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
202	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
202	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
203	Peso Proprio	Peso Proprio kg	6200									
203	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
203	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
203	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
203	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
204	Peso Proprio	Peso Proprio kg	9920									
204	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
204	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
204	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
204	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
205	Peso Proprio	Peso Proprio kg	6200									
205	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
205	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
205	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
205	incremento sismica	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre DX											
206	Peso Proprio	Peso Proprio kg	6200									
206	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
206	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
206	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
206	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
207	Peso Proprio	Peso Proprio kg	6200									
207	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
207	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
207	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
207	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
208	Peso Proprio	Peso Proprio kg	6200									
208	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
208	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
208	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
208	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
209	Peso Proprio	Peso Proprio kg	6200									
209	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
209	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
209	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
209	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
210	Peso Proprio	Peso Proprio kg	3720									
210	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
210	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
210	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
210	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
211	Peso Proprio	Peso Proprio kg	32705									
211	q1	Uniforme_GLOBZ	4000									
211	permanente fondazione	Uniforme_GLOBZ	4390									
212	Peso Proprio	Peso Proprio kg	6200									
212	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
212	spinta idrostatica sx	Idrostatico - Negativo						265	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
212	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
212	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
213	Peso Proprio	Peso Proprio kg	6200									
213	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
213	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
213	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
213	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
214	Peso Proprio	Peso Proprio kg	9920									
214	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
214	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
214	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
214	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
215	Peso Proprio	Peso Proprio kg	6200									
215	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
215	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
215	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
215	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
216	Peso Proprio	Peso Proprio kg	6200									
216	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
216	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
216	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
216	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
217	Peso Proprio	Peso Proprio kg	6200									
217	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
217	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
217	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
217	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
218	Peso Proprio	Peso Proprio kg	6200									
218	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
218	spinta	Idrostatico - Negativo						265	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica sx											
218	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
218	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
219	Peso Proprio	Peso Proprio kg	6200									
219	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
219	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
219	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
219	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
220	Peso Proprio	Peso Proprio kg	3720									
220	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
220	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
220	spinta sovraccarico sx binario 3	Uniforme_GLOBY	-2730									
220	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
221	Peso Proprio	Peso Proprio kg	25510									
221	q1	Uniforme_GLOBZ	4000									
221	permanente fondazione	Uniforme_GLOBZ	4390									
222	Peso Proprio	Peso Proprio kg	3000									
222	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
222	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
222	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
223	Peso Proprio	Peso Proprio kg	8000									
223	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
223	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
223	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
224	Peso Proprio	Peso Proprio kg	15000									
224	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
225	Peso Proprio	Peso Proprio kg	5000									
225	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
225	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
225	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
226	Peso Proprio	Peso Proprio kg	5000									
226	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
226	spinta	Idrostatico - Negativo						265	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica sx											
226	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
227	Peso Proprio	Peso Proprio kg	5000									
227	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
227	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
227	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
228	Peso Proprio	Peso Proprio kg	5000									
228	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
228	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
228	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
229	Peso Proprio	Peso Proprio kg	37750									
229	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
230	Peso Proprio	Peso Proprio kg	37750									
230	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
231	Peso Proprio	Peso Proprio kg	5000									
231	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
231	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
231	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
232	Peso Proprio	Peso Proprio kg	5000									
232	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
232	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
232	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
233	Peso Proprio	Peso Proprio kg	5000									
233	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
233	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
233	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
234	Peso Proprio	Peso Proprio kg	5000									
234	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
234	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
234	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
235	Peso Proprio	Peso Proprio kg	5000									
235	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
235	spinta	Idrostatico - Negativo						275	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica sx											
235	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
236	Peso Proprio	Peso Proprio kg	5000									
236	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
236	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
236	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
237	Peso Proprio	Peso Proprio kg	5000									
237	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
237	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
237	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
238	Peso Proprio	Peso Proprio kg	5000									
238	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
238	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
238	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
239	Peso Proprio	Peso Proprio kg	3000									
239	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
239	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
239	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
240	Peso Proprio	Peso Proprio kg	8000									
240	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
240	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
240	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
241	Peso Proprio	Peso Proprio kg	15000									
241	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
242	Peso Proprio	Peso Proprio kg	5000									
242	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
242	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
242	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
243	Peso Proprio	Peso Proprio kg	5000									
243	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
243	spinta idrostatica dx	Idrostatico - Positivo						275	1000			
243	incremento sismica spinta terre	Uniforme_GLOBY	2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	SX											
244	Peso Proprio	Peso Proprio kg	7160									
244	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
244	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
244	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
245	Peso Proprio	Peso Proprio kg	7160									
245	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
245	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
245	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
246	Peso Proprio	Peso Proprio kg	11456									
246	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
246	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
246	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
247	Peso Proprio	Peso Proprio kg	7160									
247	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
247	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
247	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
248	Peso Proprio	Peso Proprio kg	7160									
248	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
248	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
248	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
249	Peso Proprio	Peso Proprio kg	7160									
249	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
249	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
249	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
250	Peso Proprio	Peso Proprio kg	7160									
250	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
250	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
250	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
251	Peso Proprio	Peso Proprio kg	4296									
251	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
251	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
251	incremento sismica	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre DX											
252	Peso Proprio	Peso Proprio kg	18885									
252	q1	Uniforme_GLOBZ	4000									
252	permanente fondazione	Uniforme_GLOBZ	4390									
253	Peso Proprio	Peso Proprio kg	7160									
253	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
253	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
253	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
254	Peso Proprio	Peso Proprio kg	6200									
254	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
254	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
254	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
254	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
255	Peso Proprio	Peso Proprio kg	6200									
255	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	1900	0.00	30	0.50
255	spinta sovraccarico dx binario esistente	Uniforme_GLOBY	2730									
255	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
255	incremento sismica spinta terre SX	Uniforme_GLOBY	2535									
256	Peso Proprio	Peso Proprio kg	16300									
256	q1	Uniforme_GLOBZ	4000									
256	permanente fondazione	Uniforme_GLOBZ	4390									
257	Peso Proprio	Peso Proprio kg	16353									
257	q1	Uniforme_GLOBZ	4000									
257	permanente fondazione	Uniforme_GLOBZ	4390									
258	Peso Proprio	Peso Proprio kg	9157									
258	q1	Uniforme_GLOBZ	4000									
258	permanente fondazione	Uniforme_GLOBZ	4390									
259	Peso Proprio	Peso Proprio kg	7860									
259	q1	Uniforme_GLOBZ	4000									
259	permanente fondazione	Uniforme_GLOBZ	4390									
260	Peso Proprio	Peso Proprio kg	10550									
260	q1	Uniforme_GLOBZ	4000									
260	permanente fondazione	Uniforme_GLOBZ	4390									
261	Peso Proprio	Peso Proprio kg	15561									
261	q1	Uniforme_GLOBZ	4000									
261	permanente fondazione	Uniforme_GLOBZ	4390									
262	Peso Proprio	Peso Proprio kg	46810									
262	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
262	q'z binario	Uniforme_GLOBZ	4260									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	esistente											
262	q"z binario esistente	Uniforme_GLOBZ	7255									
262	frenatura binario esistente	Uniforme_GLOBX	510									
262	frenatura binario esistente	Uniforme_GLOBY	1090									
262	avviamento binario esistente	Uniforme_GLOBX	540									
262	avviamento binario esistente	Uniforme_GLOBY	1155									
263	Peso Proprio	Peso Proprio kg	46810									
263	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
263	q'z binario esistente	Uniforme_GLOBZ	4260									
263	q"z binario esistente	Uniforme_GLOBZ	7255									
263	frenatura binario esistente	Uniforme_GLOBY	1090									
263	frenatura binario esistente	Uniforme_GLOBX	510									
263	avviamento binario esistente	Uniforme_GLOBX	540									
263	avviamento binario esistente	Uniforme_GLOBY	1155									
264	Peso Proprio	Peso Proprio kg	18300									
264	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
264	qz binario esistente	Uniforme_GLOBZ	8315									
264	q"z binario esistente	Uniforme_GLOBZ	7255									
264	frenatura binario esistente	Uniforme_GLOBY	1090									
264	frenatura binario esistente	Uniforme_GLOBX	510									
264	avviamento binario esistente	Uniforme_GLOBX	540									
264	avviamento binario esistente	Uniforme_GLOBY	1155									
265	Peso Proprio	Peso Proprio kg	18900									
265	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
265	qz binario esistente	Uniforme_GLOBZ	8315									
265	q"z binario esistente	Uniforme_GLOBZ	7255									
265	frenatura binario esistente	Uniforme_GLOBY	1090									
265	frenatura binario esistente	Uniforme_GLOBX	510									
265	avviamento binario	Uniforme_GLOBX	540									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	esistente											
265	avviamento binario esistente	Uniforme_GLOBY	1155									
266	Peso Proprio sovraccarico permanente soletta	Peso Proprio kg	18600									
266	qz binario esistente	Uniforme_GLOBZ	1735									
266	q"z binario esistente	Uniforme_GLOBZ	8315									
266	frenatura binario esistente	Uniforme_GLOBZ	7255									
266	frenatura binario esistente	Uniforme_GLOBX	510									
266	frenatura binario esistente	Uniforme_GLOBY	1090									
266	avviamento binario esistente	Uniforme_GLOBY	1155									
266	avviamento binario esistente	Uniforme_GLOBX	540									
267	Peso Proprio sovraccarico permanente soletta	Peso Proprio kg	18600									
267	qz binario esistente	Uniforme_GLOBZ	1735									
267	q"z binario esistente	Uniforme_GLOBZ	8315									
267	frenatura binario esistente	Uniforme_GLOBZ	7255									
267	frenatura binario esistente	Uniforme_GLOBX	510									
267	frenatura binario esistente	Uniforme_GLOBY	1090									
267	avviamento binario esistente	Uniforme_GLOBY	1155									
267	avviamento binario esistente	Uniforme_GLOBX	540									
268	Peso Proprio sovraccarico permanente soletta	Peso Proprio kg	46055									
268	q'z binario esistente	Uniforme_GLOBZ	1735									
268	q"z binario esistente	Uniforme_GLOBZ	4260									
268	frenatura binario esistente	Uniforme_GLOBZ	7255									
268	frenatura binario esistente	Uniforme_GLOBX	510									
268	frenatura binario esistente	Uniforme_GLOBY	1090									
268	avviamento binario esistente	Uniforme_GLOBY	1155									
268	avviamento binario esistente	Uniforme_GLOBX	540									
269	Peso Proprio sovraccarico permanente soletta	Peso Proprio kg	47565									
269	q'z binario esistente	Uniforme_GLOBZ	1735									
269	q"z binario esistente	Uniforme_GLOBZ	4260									
269	q"z binario	Uniforme_GLOBZ	7255									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	esistente											
269	frenatura binario esistente	Uniforme_GLOBY	1090									
269	frenatura binario esistente	Uniforme_GLOBX	510									
269	avviamento binario esistente	Uniforme_GLOBY	1155									
269	avviamento binario esistente	Uniforme_GLOBX	540									
270	Peso Proprio	Peso Proprio kg	26375									
270	q1	Uniforme_GLOBZ	4000									
270	permanente fondazione	Uniforme_GLOBZ	4390									
271	Peso Proprio	Peso Proprio kg	26375									
271	q1	Uniforme_GLOBZ	4000									
271	permanente fondazione	Uniforme_GLOBZ	4390									
272	Peso Proprio	Peso Proprio kg	26375									
272	q1	Uniforme_GLOBZ	4000									
272	permanente fondazione	Uniforme_GLOBZ	4390									
273	Peso Proprio	Peso Proprio kg	26375									
273	q1	Uniforme_GLOBZ	4000									
273	permanente fondazione	Uniforme_GLOBZ	4390									
274	Peso Proprio	Peso Proprio kg	18600									
274	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
274	qz binario 2	Uniforme_GLOBZ	8315									
274	q"z binario 2	Uniforme_GLOBZ	7255									
274	frenatura binario 2	Uniforme_GLOBX	510									
274	frenatura binario 2	Uniforme_GLOBY	1090									
274	avviamento binario 2	Uniforme_GLOBY	1155									
274	avviamento binario 2	Uniforme_GLOBX	540									
275	Peso Proprio	Peso Proprio kg	18300									
275	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
275	qz binario 2	Uniforme_GLOBZ	8315									
275	q"z binario 2	Uniforme_GLOBZ	7255									
275	frenatura binario 2	Uniforme_GLOBY	1090									
275	frenatura binario 2	Uniforme_GLOBX	510									
275	avviamento binario 2	Uniforme_GLOBY	1155									
275	avviamento binario 2	Uniforme_GLOBX	540									
276	Peso Proprio	Peso Proprio kg	18600									
276	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
276	qz binario 2	Uniforme_GLOBZ	8315									
276	q"z binario 2	Uniforme_GLOBZ	7255									
276	frenatura binario 2	Uniforme_GLOBX	510									
276	frenatura binario 2	Uniforme_GLOBY	1090									
276	avviamento binario 2	Uniforme_GLOBX	540									
276	avviamento binario 2	Uniforme_GLOBY	1155									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	binario 2											
277	Peso Proprio	Peso Proprio kg	18300									
277	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
277	qz binario 2	Uniforme_GLOBZ	8315									
277	q"z binario 2	Uniforme_GLOBZ	7255									
277	frenatura binario 2	Uniforme_GLOBY	1090									
277	frenatura binario 2	Uniforme_GLOBX	510									
277	avviamento binario 2	Uniforme_GLOBY	1155									
277	avviamento binario 2	Uniforme_GLOBX	540									
278	Peso Proprio	Peso Proprio kg	18300									
278	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
278	qz binario 3	Uniforme_GLOBZ	8315									
278	q"z binario 3	Uniforme_GLOBZ	7255									
278	frenatura binario 3	Uniforme_GLOBY	1090									
278	frenatura binario 3	Uniforme_GLOBX	510									
278	avviamento binario 3	Uniforme_GLOBY	1155									
278	avviamento binario 3	Uniforme_GLOBX	540									
279	Peso Proprio	Peso Proprio kg	18900									
279	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
279	qz binario 3	Uniforme_GLOBZ	8315									
279	q"z binario 3	Uniforme_GLOBZ	7255									
279	frenatura binario 3	Uniforme_GLOBY	1090									
279	frenatura binario 3	Uniforme_GLOBX	510									
279	avviamento binario 3	Uniforme_GLOBX	540									
279	avviamento binario 3	Uniforme_GLOBY	1155									
280	Peso Proprio	Peso Proprio kg	18600									
280	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
280	qz binario 3	Uniforme_GLOBZ	8315									
280	q"z binario 3	Uniforme_GLOBZ	7255									
280	frenatura binario 3	Uniforme_GLOBX	510									
280	frenatura binario 3	Uniforme_GLOBY	1090									
280	avviamento binario 3	Uniforme_GLOBX	540									
280	avviamento binario 3	Uniforme_GLOBY	1155									
281	Peso Proprio	Peso Proprio kg	18600									
281	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
281	qz binario 3	Uniforme_GLOBZ	8315									
281	q"z binario 3	Uniforme_GLOBZ	7255									
281	frenatura binario 3	Uniforme_GLOBX	510									
281	frenatura binario 3	Uniforme_GLOBY	1090									
281	avviamento binario 3	Uniforme_GLOBY	1155									
281	avviamento binario 3	Uniforme_GLOBX	540									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	binario 3											
282	Peso Proprio	Peso Proprio kg	46810									
282	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
282	q'z binario 2	Uniforme_GLOBZ	4260									
282	q"z binario 2	Uniforme_GLOBZ	7255									
282	frenatura binario 2	Uniforme_GLOBY	1090									
282	frenatura binario 2	Uniforme_GLOBX	510									
282	avviamento binario 2	Uniforme_GLOBY	1155									
282	avviamento binario 2	Uniforme_GLOBX	540									
283	Peso Proprio	Peso Proprio kg	46810									
283	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
283	q'z binario 2	Uniforme_GLOBZ	4260									
283	q"z binario 2	Uniforme_GLOBZ	7255									
283	frenatura binario 2	Uniforme_GLOBY	1090									
283	frenatura binario 2	Uniforme_GLOBX	510									
283	avviamento binario 2	Uniforme_GLOBY	1155									
283	avviamento binario 2	Uniforme_GLOBX	540									
284	Peso Proprio	Peso Proprio kg	25670									
284	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
285	Peso Proprio	Peso Proprio kg	10200									
285	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
286	Peso Proprio	Peso Proprio kg	10200									
286	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
287	Peso Proprio	Peso Proprio kg	10200									
287	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
288	Peso Proprio	Peso Proprio kg	10200									
288	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
289	Peso Proprio	Peso Proprio kg	54360									
289	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
290	Peso Proprio	Peso Proprio kg	44400									
290	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
291	Peso Proprio	Peso Proprio kg	7500									
291	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
292	Peso Proprio	Peso Proprio kg	24915									
292	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
293	Peso Proprio	Peso Proprio kg	45600									
293	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
294	Peso Proprio	Peso Proprio kg	15600									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
294	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
295	Peso Proprio	Peso Proprio kg	43790									
295	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
296	Peso Proprio	Peso Proprio kg	7800									
296	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
297	Peso Proprio	Peso Proprio kg	9920									
297	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
297	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
297	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
298	Peso Proprio	Peso Proprio kg	3720									
298	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
298	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
298	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
299	Peso Proprio	Peso Proprio kg	6200									
299	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
299	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
299	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
300	Peso Proprio	Peso Proprio kg	6200									
300	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
300	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
300	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
301	Peso Proprio	Peso Proprio kg	6200									
301	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
301	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
301	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
302	Peso Proprio	Peso Proprio kg	6200									
302	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
302	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
302	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
303	Peso Proprio	Peso Proprio kg	6200									
303	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
303	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
303	incremento	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	sismica spinta terre DX											
304	Peso Proprio	Peso Proprio kg	6200									
304	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
304	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
304	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
305	Peso Proprio	Peso Proprio kg	6200									
305	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
305	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
305	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
306	Peso Proprio	Peso Proprio kg	32705									
306	q1	Uniforme_GLOBZ	4000									
306	permanente fondazione	Uniforme_GLOBZ	4390									
307	Peso Proprio	Peso Proprio kg	25670									
307	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
308	Peso Proprio	Peso Proprio kg	46810									
308	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
308	q'z binario 2	Uniforme_GLOBZ	4260									
308	q"z binario 2	Uniforme_GLOBZ	7255									
308	frenatura binario 2	Uniforme_GLOBY	1090									
308	frenatura binario 2	Uniforme_GLOBX	510									
308	avviamento binario 2	Uniforme_GLOBY	1155									
308	avviamento binario 2	Uniforme_GLOBX	540									
309	Peso Proprio	Peso Proprio kg	46810									
309	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
309	q'z binario 2	Uniforme_GLOBZ	4260									
309	q"z binario 2	Uniforme_GLOBZ	7255									
309	frenatura binario 2	Uniforme_GLOBY	1090									
309	frenatura binario 2	Uniforme_GLOBX	510									
309	avviamento binario 2	Uniforme_GLOBY	1155									
309	avviamento binario 2	Uniforme_GLOBX	540									
310	Peso Proprio	Peso Proprio kg	24915									
310	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
311	Peso Proprio	Peso Proprio kg	46810									
311	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
311	q'z binario 3	Uniforme_GLOBZ	4260									
311	q"z binario 3	Uniforme_GLOBZ	7255									
311	frenatura binario 3	Uniforme_GLOBX	510									
311	frenatura	Uniforme_GLOBY	1090									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	binario 3											
311	avviamento binario 3	Uniforme_GLOBX	540									
311	avviamento binario 3	Uniforme_GLOBY	1155									
312	Peso Proprio	Peso Proprio kg	46810									
312	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
312	q'z binario 3	Uniforme_GLOBZ	4260									
312	q"z binario 3	Uniforme_GLOBZ	7255									
312	frenatura binario 3	Uniforme_GLOBX	510									
312	frenatura binario 3	Uniforme_GLOBY	1090									
312	avviamento binario 3	Uniforme_GLOBX	540									
312	avviamento binario 3	Uniforme_GLOBY	1155									
313	Peso Proprio	Peso Proprio kg	46055									
313	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
313	q'z binario 3	Uniforme_GLOBZ	4260									
313	q"z binario 3	Uniforme_GLOBZ	7255									
313	frenatura binario 3	Uniforme_GLOBY	1090									
313	frenatura binario 3	Uniforme_GLOBX	510									
313	avviamento binario 3	Uniforme_GLOBX	540									
313	avviamento binario 3	Uniforme_GLOBY	1155									
314	Peso Proprio	Peso Proprio kg	47565									
314	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
314	q'z binario 3	Uniforme_GLOBZ	4260									
314	q"z binario 3	Uniforme_GLOBZ	7255									
314	frenatura binario 3	Uniforme_GLOBX	510									
314	frenatura binario 3	Uniforme_GLOBY	1090									
314	avviamento binario 3	Uniforme_GLOBX	540									
314	avviamento binario 3	Uniforme_GLOBY	1155									
315	Peso Proprio	Peso Proprio kg	54964									
315	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
316	Peso Proprio	Peso Proprio kg	22500									
316	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
317	Peso Proprio	Peso Proprio kg	22800									
317	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
318	Peso Proprio	Peso Proprio kg	58135									
318	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
319	Peso Proprio	Peso Proprio kg	32705									
319	q1	Uniforme_GLOBZ	4000									
319	permanente fondazione	Uniforme_GLOBZ	4390									
320	Peso Proprio	Peso Proprio kg	16880									
320	q1	Uniforme_GLOBZ	4000									
320	permanente	Uniforme_GLOBZ	4390									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	fondazione											
321	Peso Proprio	Peso Proprio kg	32705									
321	q1	Uniforme_GLOBZ	4000									
321	permanente fondazione	Uniforme_GLOBZ	4390									
322	Peso Proprio	Peso Proprio kg	32705									
322	q1	Uniforme_GLOBZ	4000									
322	permanente fondazione	Uniforme_GLOBZ	4390									
323	Peso Proprio	Peso Proprio kg	32705									
323	q1	Uniforme_GLOBZ	4000									
323	permanente fondazione	Uniforme_GLOBZ	4390									
324	Peso Proprio	Peso Proprio kg	6200									
324	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
324	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
324	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
325	Peso Proprio	Peso Proprio kg	6200									
325	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
325	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
325	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
326	Peso Proprio	Peso Proprio kg	6200									
326	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
326	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
326	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
327	Peso Proprio	Peso Proprio kg	6200									
327	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
327	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
327	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
328	Peso Proprio	Peso Proprio kg	3720									
328	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
328	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
328	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
329	Peso Proprio	Peso Proprio kg	6200									
329	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
329	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
329	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
330	Peso Proprio	Peso Proprio kg	9920									
330	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
330	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	2000	0.00	30	0.50
330	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
330	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
331	Peso Proprio	Peso Proprio kg	6200									
331	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
331	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
331	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
332	Peso Proprio	Peso Proprio kg	6200									
332	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
332	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
332	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
333	Peso Proprio	Peso Proprio kg	6200									
333	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
333	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
333	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
334	Peso Proprio	Peso Proprio kg	6200									
334	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
334	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
334	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
335	Peso Proprio	Peso Proprio kg	6200									
335	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
335	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
335	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
336	Peso Proprio	Peso Proprio kg	6200									
336	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
336	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
336	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
337	Peso Proprio	Peso Proprio kg	6200									
337	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
337	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
337	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
338	Peso Proprio	Peso Proprio kg	6200									
338	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
338	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
338	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
339	Peso Proprio	Peso Proprio kg	3720									
339	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
339	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
339	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
340	Peso Proprio	Peso Proprio kg	6200									
340	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
340	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
340	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
341	Peso Proprio	Peso Proprio kg	9920									
341	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
341	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	2000	0.00	30	0.50
341	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
341	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
342	Peso Proprio	Peso Proprio kg	3400									
342	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
342	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
342	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
343	Peso Proprio	Peso Proprio kg	3400									
343	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
343	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
343	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
344	Peso Proprio	Peso Proprio kg	2040									
344	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
344	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
344	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
345	Peso Proprio	Peso Proprio kg	5440									
345	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
345	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	2000	0.00	30	0.50
345	spinta	Idrostatico - Positivo						265	1000			

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	idrostatica dx											
345	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
346	Peso Proprio	Peso Proprio kg	3400									
346	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
346	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
346	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
347	Peso Proprio	Peso Proprio kg	3400									
347	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
347	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
347	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
348	Peso Proprio	Peso Proprio kg	3400									
348	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
348	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
348	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
349	Peso Proprio	Peso Proprio kg	3400									
349	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
349	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
349	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
350	Peso Proprio	Peso Proprio kg	3400									
350	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
350	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
350	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
351	Peso Proprio	Peso Proprio kg	3200									
351	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
351	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
351	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
352	Peso Proprio	Peso Proprio kg	3200									
352	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
352	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
352	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
353	Peso Proprio	Peso Proprio kg	3200									
353	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
353	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
353	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
354	Peso Proprio	Peso Proprio kg	3200									
354	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
354	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
354	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
355	Peso Proprio	Peso Proprio kg	1920									
355	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
355	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
355	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
356	Peso Proprio	Peso Proprio kg	5120									
356	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	2000	0.00	30	0.50
356	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
356	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
357	Peso Proprio	Peso Proprio kg	3200									
357	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
357	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
357	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
358	Peso Proprio	Peso Proprio kg	3200									
358	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
358	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
358	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
359	Peso Proprio	Peso Proprio kg	3200									
359	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
359	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
359	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
360	Peso Proprio	Peso Proprio kg	6200									
360	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
360	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
360	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
360	incremento sismica spinta terre	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	DX											
361	Peso Proprio	Peso Proprio kg	6200									
361	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
361	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
361	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
361	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
362	Peso Proprio	Peso Proprio kg	6200									
362	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
362	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
362	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
362	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
363	Peso Proprio	Peso Proprio kg	6200									
363	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
363	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
363	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
363	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
364	Peso Proprio	Peso Proprio kg	9920									
364	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
364	SPINTA TERRE DX	Terreno - Riposo - Dir.Pos.						920	2000	0.00	30	0.50
364	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
364	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
364	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
365	Peso Proprio	Peso Proprio kg	3720									
365	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
365	spinta idrostatica dx	Idrostatico - Positivo						265	1000			
365	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
365	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
366	Peso Proprio	Peso Proprio kg	6200									
366	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
366	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
366	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
366	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
367	Peso Proprio	Peso Proprio kg	6200									
367	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
367	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
367	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
367	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
368	Peso Proprio	Peso Proprio kg	6200									
368	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
368	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
368	spinta sovraccarico dx binario 3	Uniforme_GLOBY	2730									
368	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
369	Peso Proprio	Peso Proprio kg	4160									
369	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
369	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
369	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
370	Peso Proprio	Peso Proprio kg	1560									
370	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
370	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
370	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
371	Peso Proprio	Peso Proprio kg	2600									
371	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
371	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
371	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
372	Peso Proprio	Peso Proprio kg	2600									
372	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
372	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
372	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
373	Peso Proprio	Peso Proprio kg	2600									
373	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
373	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
373	incremento sismica	Uniforme_GLOBY	-2535									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
	spinta terre DX											
374	Peso Proprio	Peso Proprio kg	2600									
374	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
374	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
374	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
375	Peso Proprio	Peso Proprio kg	2600									
375	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
375	spinta idrostatica sx	Idrostatico - Negativo						265	1000			
375	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
376	Peso Proprio	Peso Proprio kg	2600									
376	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
376	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
376	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
377	Peso Proprio	Peso Proprio kg	2600									
377	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
377	spinta idrostatica sx	Idrostatico - Negativo						275	1000			
377	incremento sismica spinta terre DX	Uniforme_GLOBY	-2535									
378	Peso Proprio	Peso Proprio kg	32705									
378	q1	Uniforme_GLOBZ	4000									
378	permanente fondazione	Uniforme_GLOBZ	4390									
379	Peso Proprio	Peso Proprio kg	32705									
379	q1	Uniforme_GLOBZ	4000									
379	permanente fondazione	Uniforme_GLOBZ	4390									
380	Peso Proprio	Peso Proprio kg	17935									
380	q1	Uniforme_GLOBZ	4000									
380	permanente fondazione	Uniforme_GLOBZ	4390									
381	Peso Proprio	Peso Proprio kg	32705									
381	q1	Uniforme_GLOBZ	4000									
381	permanente fondazione	Uniforme_GLOBZ	4390									
382	Peso Proprio	Peso Proprio kg	16880									
382	q1	Uniforme_GLOBZ	4000									
382	permanente fondazione	Uniforme_GLOBZ	4390									
383	Peso Proprio	Peso Proprio kg	32705									
383	q1	Uniforme_GLOBZ	4000									
383	permanente fondazione	Uniforme_GLOBZ	4390									
384	Peso Proprio	Peso Proprio kg	13715									
384	q1	Uniforme_GLOBZ	4000									
384	permanente fondazione	Uniforme_GLOBZ	4390									
385	Peso Proprio	Peso Proprio kg	32705									
385	q1	Uniforme_GLOBZ	4000									
385	permanente fondazione	Uniforme_GLOBZ	4390									

Par	Condizione	Tipo	Carico	Vert.1	Vert.2	Vert.3	Vert.4	Altezza	Peso sp.	Coesione	Ang. at.	K0
386	Peso Proprio	Peso Proprio kg	32705									
386	q1	Uniforme_GLOBZ	4000									
386	permanente fondazione	Uniforme_GLOBZ	4390									
387	Peso Proprio	Peso Proprio kg	32705									
387	q1	Uniforme_GLOBZ	4000									
387	permanente fondazione	Uniforme_GLOBZ	4390									
388	Peso Proprio	Peso Proprio kg	32705									
388	q1	Uniforme_GLOBZ	4000									
388	permanente fondazione	Uniforme_GLOBZ	4390									
389	Peso Proprio	Peso Proprio kg	9815									
389	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
390	Peso Proprio	Peso Proprio kg	23405									
390	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
391	Peso Proprio	Peso Proprio kg	12080									
391	spinta terre SX	Terreno - Riposo - Dir.Neg.						920	1900	0.00	30	0.50
391	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
392	Peso Proprio	Peso Proprio kg	12835									
392	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
393	Peso Proprio	Peso Proprio kg	23405									
393	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									
394	Peso Proprio	Peso Proprio kg	80785									
394	sovraccarico permanente soletta	Uniforme_GLOBZ	1735									

Risultati Analisi Dinamica - Spostamenti massimi - Nodi

Scenario di calcolo : **ScenarioNT_2018 A2_SLV_SLD_STR_GEO**

la tripletta (Cb [-SubC-Cbm]) indica la Combinazione - SottoCombinazione sismica - Posizione Masse, nel caso non sismico mancano SubC-Cbm

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
	mm	mm	mm	mrad	mrad	mrad
1	0.00(1)	0.00(1)	-12.27(4)	-0.70(13-I-3)	0.22(10-I-3)	0.00(1)
2	0.00(1)	0.00(1)	-12.30(4)	-0.72(13-I-3)	0.21(10-I-3)	0.00(1)
3	0.00(1)	0.00(1)	-12.27(4)	-0.72(13-I-3)	0.21(10-I-3)	0.00(1)
4	0.00(1)	0.00(1)	-12.22(4)	-0.71(13-I-3)	0.21(10-I-3)	0.00(1)
5	0.00(1)	0.00(1)	-12.19(4)	-0.71(13-I-3)	0.21(10-I-3)	0.00(1)
6	0.24(10-I-3)	0.76(13-I-3)	-12.28(4)	-0.75(13-I-3)	0.23(10-I-3)	-0.03(2)
7	0.24(10-I-3)	0.75(13-I-3)	-12.25(4)	-0.75(13-I-3)	0.22(10-I-3)	-0.02(5)
8	0.24(10-I-3)	0.74(13-I-3)	-12.21(4)	-0.74(13-I-3)	0.22(10-I-3)	-0.01(4)
9	0.24(10-I-3)	0.73(13-I-3)	-12.15(4)	-0.73(13-I-3)	0.22(10-I-3)	-0.01(4)
10	0.24(10-I-3)	0.73(13-I-3)	-12.12(4)	-0.73(13-I-3)	0.22(10-I-3)	-0.01(4)
11	0.48(10-I-3)	1.48(13-I-3)	-12.10(4)	-0.74(13-I-4)	0.23(10-I-3)	-0.03(4)
12	0.48(10-I-3)	1.48(13-I-3)	-12.07(4)	-0.73(13-I-4)	0.23(10-I-3)	-0.02(4)
13	0.48(10-I-3)	1.50(13-I-3)	-12.16(4)	-0.75(13-I-4)	0.23(10-I-3)	-0.03(4)
14	0.48(10-I-3)	1.52(13-I-3)	-12.21(4)	-0.76(13-I-4)	0.23(10-I-3)	-0.03(5)
15	0.48(10-I-3)	1.54(13-I-4)	-12.27(4)	-0.77(13-I-4)	0.24(10-I-3)	-0.05(2)
16	0.72(10-I-3)	2.23(13-I-4)	-12.05(4)	-0.72(13-I-4)	0.23(10-I-3)	-0.04(4)

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
17	0.72(10-I-3)	2.22(13-I-3)	-12.02(4)	-0.72(13-I-4)	0.23(10-I-3)	-0.04(4)
18	0.73(10-I-3)	2.26(13-I-4)	-12.12(4)	-0.73(13-I-4)	0.23(10-I-3)	-0.04(4)
19	0.73(10-I-3)	2.29(13-I-4)	-12.18(4)	-0.75(13-I-4)	0.23(10-I-3)	-0.05(5)
20	0.73(10-I-3)	2.34(13-I-4)	-12.24(4)	-0.75(13-I-4)	0.24(10-I-3)	-0.07(5)
21	0.97(10-I-3)	2.95(13-I-4)	-12.01(4)	-0.68(13-I-4)	0.23(10-I-3)	-0.05(4)
22	0.97(10-I-3)	2.93(13-I-4)	-11.97(4)	-0.68(13-I-4)	0.23(10-I-3)	-0.05(4)
23	0.97(10-I-3)	2.99(13-I-4)	-12.07(4)	-0.69(13-I-4)	0.23(10-I-3)	-0.05(4)
24	0.98(10-I-3)	3.03(13-I-4)	-12.13(4)	-0.70(13-I-4)	0.23(10-I-3)	-0.06(5)
25	0.98(10-I-3)	3.10(13-I-4)	-12.21(4)	-0.71(13-I-4)	0.24(10-I-3)	-0.08(4)
26	1.21(10-I-3)	3.61(13-I-4)	-11.94(4)	-0.62(11-I-4)	0.22(10-I-3)	-0.05(4)
27	1.21(10-I-3)	3.59(13-I-4)	-11.91(4)	-0.62(11-I-4)	0.22(10-I-3)	-0.05(4)
28	1.22(10-I-3)	3.66(13-I-4)	-12.01(4)	-0.63(11-I-4)	0.22(10-I-3)	-0.06(4)
29	1.23(10-I-3)	3.71(13-I-4)	-12.08(4)	-0.64(11-I-4)	-0.23(12-II-3)	-0.07(4)
30	1.23(10-I-3)	3.80(13-I-4)	-12.16(4)	-0.65(11-I-4)	0.24(10-I-3)	-0.09(4)
31	1.46(10-I-3)	4.19(13-I-4)	-11.87(4)	-0.55(11-I-4)	0.22(10-I-3)	-0.06(4)
32	1.46(10-I-3)	4.16(13-I-4)	-11.84(4)	-0.55(11-I-1)	0.22(10-I-3)	-0.05(4)
33	1.47(10-I-3)	4.24(13-I-4)	-11.93(4)	-0.55(11-I-4)	-0.23(12-II-3)	-0.06(4)
34	1.47(10-I-3)	4.30(13-I-4)	-12.00(4)	-0.56(11-I-4)	-0.24(12-II-3)	-0.07(4)
35	1.48(10-I-3)	4.40(13-I-4)	-12.09(4)	-0.56(11-I-4)	0.24(10-I-3)	-0.10(4)
36	1.70(10-I-3)	4.65(13-I-4)	-11.76(4)	0.60(13-II-1)	-0.22(12-II-3)	-0.05(4)
37	1.70(10-I-3)	4.62(13-I-4)	-11.74(4)	0.60(13-II-1)	-0.22(12-II-3)	-0.05(4)
38	1.71(10-I-3)	4.70(13-I-4)	-11.82(4)	0.60(13-II-1)	-0.23(12-II-3)	-0.06(4)
39	1.72(10-I-3)	4.76(13-I-4)	-11.89(4)	0.61(13-II-1)	-0.24(12-II-3)	-0.07(4)
40	1.73(10-I-3)	4.85(13-I-4)	-11.99(4)	0.61(13-II-1)	0.24(10-I-3)	-0.10(4)
41	1.84(10-I-3)	4.84(13-I-4)	-11.69(4)	0.64(13-II-1)	-0.23(12-II-3)	-0.05(10-I-3)
42	1.84(10-I-3)	4.82(13-I-4)	-11.67(4)	0.64(13-II-1)	-0.22(12-II-3)	-0.05(10-I-3)
43	1.84(10-I-3)	4.89(13-I-4)	-11.74(4)	0.65(13-II-1)	-0.24(12-II-3)	-0.06(10-I-3)
44	1.84(10-I-3)	4.94(13-I-4)	-11.81(4)	0.65(13-II-1)	-0.25(12-II-3)	-0.06(4)
45	1.86(10-I-3)	5.02(13-I-4)	-11.95(2)	0.65(13-II-1)	-0.25(12-II-3)	-0.10(4)
46	2.23(10-I-3)	5.09(13-I-4)	-11.44(4)	0.78(4)	-0.22(12-II-3)	-0.08(10-I-3)
47	2.23(10-I-3)	5.08(13-I-4)	-11.42(4)	0.76(4)	-0.21(12-II-3)	-0.07(10-I-3)
48	2.23(10-I-3)	5.12(11-I-4)	-11.47(4)	0.81(4)	-0.24(12-II-3)	-0.08(10-I-3)
49	2.23(10-I-3)	5.15(11-I-4)	-11.53(4)	0.86(4)	-0.27(12-II-3)	-0.09(10-I-3)
50	2.17(10-I-3)	5.08(11-I-4)	-11.77(2)	1.03(4)	-0.38(12-II-3)	-0.08(10-I-3)
51	0.00(1)	0.00(1)	-12.03(4)	-0.69(13-I-3)	0.20(10-I-3)	0.00(1)
52	0.00(1)	0.00(1)	-12.07(4)	-0.70(13-I-3)	0.20(10-I-3)	0.00(1)
53	0.00(1)	0.00(1)	-11.97(4)	-0.69(13-I-3)	0.20(10-I-3)	0.00(1)
54	0.00(1)	0.00(1)	-11.91(4)	-0.69(13-I-3)	0.20(10-I-3)	0.00(1)
55	0.00(1)	0.00(1)	-11.84(4)	-0.69(13-I-3)	0.21(10-I-3)	0.00(1)
56	0.00(1)	0.00(1)	-12.13(4)	-0.70(13-I-3)	0.20(10-I-3)	0.00(1)
57	0.23(10-I-3)	0.71(13-I-3)	-11.95(4)	-0.71(13-I-3)	0.22(10-I-3)	-0.01(2)
58	0.23(10-I-3)	0.72(13-I-3)	-11.99(4)	-0.72(13-I-3)	0.22(10-I-3)	-0.01(2)
59	0.23(10-I-3)	0.71(13-I-3)	-11.89(4)	-0.71(13-I-3)	0.22(10-I-3)	-0.01(10-II-1)
60	0.23(10-I-3)	0.71(13-I-3)	-11.83(4)	-0.71(13-I-3)	0.22(10-I-3)	-0.00(10-II-1)
61	0.23(10-I-3)	0.71(13-I-3)	-11.76(4)	-0.71(13-I-3)	0.22(10-I-3)	0.01(13-II-4)
62	0.24(10-I-3)	0.72(13-I-3)	-12.06(4)	-0.72(13-I-3)	0.22(10-I-3)	-0.01(4)
63	0.47(10-I-3)	1.46(13-I-3)	-12.00(4)	-0.73(13-I-3)	0.23(10-I-3)	-0.02(4)
64	0.47(10-I-3)	1.45(13-I-3)	-11.93(4)	-0.72(13-I-3)	0.23(10-I-3)	-0.02(2)
65	0.47(10-I-3)	1.44(13-I-3)	-11.90(4)	-0.72(13-I-3)	0.23(10-I-3)	-0.02(2)
66	0.47(10-I-3)	1.43(13-I-3)	-11.70(4)	-0.71(13-I-3)	0.24(10-I-3)	0.01(13-II-4)
67	0.47(10-I-3)	1.43(13-I-3)	-11.83(4)	-0.71(13-I-3)	0.23(10-I-3)	-0.01(10-II-1)
68	0.47(10-I-3)	1.43(13-I-3)	-11.77(4)	-0.71(13-I-3)	0.23(10-I-3)	-0.01(10-II-1)
69	0.72(10-I-3)	2.19(13-I-3)	-11.96(4)	-0.71(13-I-4)	0.23(10-I-3)	-0.03(4)
70	0.72(10-I-3)	2.17(13-I-3)	-11.89(4)	-0.70(13-I-3)	0.23(10-I-3)	-0.02(2)
71	0.71(10-I-3)	2.16(13-I-3)	-11.85(4)	-0.70(13-I-3)	0.23(10-I-3)	-0.02(2)
72	0.71(10-I-3)	2.15(13-I-3)	-11.65(4)	-0.69(13-I-2)	0.24(10-I-3)	0.02(13-II-4)
73	0.71(10-I-3)	2.15(13-I-3)	-11.79(4)	-0.70(13-I-2)	0.23(10-I-3)	-0.02(10-II-1)
74	0.71(10-I-3)	2.14(13-I-3)	-11.72(4)	-0.69(13-I-2)	0.23(10-I-3)	-0.01(10-II-1)
75	0.96(10-I-3)	2.90(13-I-3)	-11.91(4)	-0.67(13-I-4)	0.23(10-I-3)	-0.04(4)
76	0.96(10-I-3)	2.87(13-I-3)	-11.84(4)	-0.66(13-I-2)	0.23(10-I-3)	-0.03(4)
77	0.96(10-I-3)	2.86(13-I-3)	-11.81(4)	-0.66(13-I-2)	0.23(10-I-3)	-0.03(1)
78	0.96(10-I-3)	2.83(13-I-3)	-11.60(4)	-0.66(13-I-2)	0.24(10-I-3)	0.02(13-II-4)

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
79	0.96(10-I-3)	2.84(13-I-3)	-11.74(4)	-0.66(13-I-2)	0.23(10-I-3)	-0.02(10-II-1)
80	0.96(10-I-3)	2.83(13-I-3)	-11.68(4)	-0.66(13-I-2)	0.23(10-I-3)	-0.01(10-II-1)
81	1.21(10-I-3)	3.55(13-I-4)	-11.85(4)	-0.61(11-I-4)	0.23(10-I-3)	-0.04(4)
82	1.21(10-I-3)	3.52(13-I-3)	-11.79(4)	-0.61(11-I-2)	0.23(10-I-3)	-0.03(4)
83	1.20(10-I-3)	3.50(13-I-3)	-11.76(4)	-0.60(11-I-2)	0.23(10-I-3)	-0.03(1)
84	1.20(10-I-3)	3.47(13-I-2)	-11.54(4)	-0.59(11-I-2)	0.24(10-I-3)	0.02(13-II-4)
85	1.20(10-I-3)	3.48(13-I-3)	-11.69(4)	-0.60(11-I-2)	0.23(10-I-3)	-0.02(11-I-4)
86	1.20(10-I-3)	3.47(13-I-3)	-11.63(4)	-0.60(11-I-2)	0.23(10-I-3)	-0.02(11-I-4)
87	1.45(10-I-3)	4.12(13-I-4)	-11.78(4)	-0.55(11-I-1)	0.22(10-I-3)	-0.05(4)
88	1.45(10-I-3)	4.08(13-I-3)	-11.72(4)	-0.54(11-I-2)	0.22(10-I-3)	-0.04(8)
89	1.45(10-I-3)	4.07(13-I-3)	-11.69(4)	-0.54(11-I-2)	0.23(10-I-3)	-0.03(8)
90	1.44(10-I-3)	4.03(13-I-2)	-11.47(4)	0.55(13-II-2)	0.24(10-I-3)	0.02(12-II-3)
91	1.45(10-I-3)	4.04(13-I-3)	-11.63(4)	0.54(13-II-2)	0.23(10-I-3)	-0.03(11-I-4)
92	1.70(10-I-3)	4.58(13-I-4)	-11.69(4)	0.60(13-II-1)	0.22(10-I-3)	-0.04(10-I-3)
93	1.70(10-I-3)	4.54(13-I-3)	-11.64(4)	0.60(13-II-2)	0.22(10-I-3)	-0.04(10-I-3)
94	1.70(10-I-3)	4.53(13-I-3)	-11.60(4)	0.60(13-II-2)	0.22(10-I-3)	-0.04(10-I-3)
95	1.69(10-I-3)	4.49(13-I-2)	-11.39(4)	0.61(13-II-2)	0.24(10-I-3)	-0.02(10-I-3)
96	1.70(10-I-3)	4.51(13-I-2)	-11.55(4)	0.61(13-II-2)	0.23(10-I-3)	-0.04(10-I-3)
97	1.69(10-I-3)	4.50(13-I-2)	-11.48(4)	0.61(13-II-2)	0.23(10-I-3)	-0.03(10-I-3)
98	1.83(10-I-3)	4.77(13-I-4)	-11.63(4)	0.64(13-II-1)	0.22(10-I-3)	-0.05(10-I-3)
99	1.83(10-I-3)	4.74(13-I-3)	-11.58(4)	0.64(13-II-2)	0.22(10-I-3)	-0.05(10-I-3)
100	1.83(10-I-3)	4.73(13-I-2)	-11.55(4)	0.64(13-II-2)	0.22(10-I-3)	-0.04(10-I-3)
101	1.83(10-I-3)	4.69(13-I-2)	-11.34(4)	0.64(13-II-2)	0.23(10-I-3)	-0.03(10-I-3)
102	1.83(10-I-3)	4.71(13-I-2)	-11.49(4)	0.64(13-II-2)	0.23(10-I-3)	-0.04(10-I-3)
103	1.83(10-I-3)	4.70(13-I-2)	-11.43(4)	0.64(13-II-2)	0.23(10-I-3)	-0.04(10-I-3)
104	2.23(10-I-3)	5.06(13-I-4)	-11.39(4)	0.75(13-II-2)	0.22(10-I-3)	-0.07(10-I-3)
105	2.23(10-I-3)	5.05(13-I-2)	-11.35(4)	0.75(13-II-2)	0.22(10-I-3)	-0.06(10-I-3)
106	2.23(10-I-3)	5.04(13-I-2)	-11.33(4)	0.75(13-II-2)	0.22(10-I-3)	-0.06(10-I-3)
107	2.22(10-I-3)	4.99(13-I-2)	-11.16(4)	0.73(13-II-2)	0.23(10-I-3)	-0.04(10-I-3)
108	2.22(10-I-3)	5.04(13-I-2)	-11.29(4)	0.74(13-II-2)	0.22(10-I-3)	-0.06(10-I-3)
109	2.22(10-I-3)	5.02(13-I-2)	-11.24(4)	0.74(13-II-2)	0.23(10-I-3)	-0.05(10-I-3)
110	0.00(1)	0.00(1)	-12.76(2)	0.52(13-II-1)	-0.21(10-II-1)	0.00(1)
111	0.00(1)	0.00(1)	-12.52(2)	0.52(13-II-1)	-0.20(10-II-1)	0.00(1)
112	-0.22(10-II-1)	-0.49(13-II-4)	-12.66(2)	0.48(13-II-4)	-0.21(10-II-1)	-0.01(10-I-3)
113	-0.22(10-II-1)	-0.49(13-II-4)	-12.43(2)	0.48(13-II-4)	-0.21(10-II-1)	-0.01(10-I-3)
114	-0.44(10-II-1)	-0.95(13-II-4)	-12.59(2)	-0.50(11-I-4)	-0.22(10-II-1)	-0.02(10-I-3)
115	-0.43(10-II-1)	-0.95(13-II-4)	-12.36(2)	-0.49(11-I-4)	-0.21(10-II-1)	-0.02(10-I-3)
116	-0.66(10-II-1)	-1.38(13-II-4)	-12.54(2)	-0.61(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
117	-0.65(10-II-1)	-1.39(13-II-4)	-12.31(2)	-0.61(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
118	-0.88(10-II-1)	1.99(11-I-4)	-12.49(2)	-0.69(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
119	-0.87(10-II-1)	1.96(11-I-4)	-12.26(2)	-0.69(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
120	-1.09(10-II-1)	2.73(11-I-4)	-12.44(2)	-0.75(11-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
121	-1.09(10-II-1)	2.70(11-I-4)	-12.20(2)	-0.75(11-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
122	-1.31(10-II-1)	3.51(11-I-4)	-12.37(2)	-0.81(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
123	-1.30(10-II-1)	3.47(11-I-4)	-12.14(2)	-0.81(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
124	-1.53(10-II-1)	4.33(11-I-4)	-12.29(2)	-0.87(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
125	-1.52(10-II-1)	4.29(11-I-4)	-12.06(2)	-0.87(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
126	-1.64(10-II-1)	4.80(11-I-4)	-12.24(2)	-0.89(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
127	-1.64(10-II-1)	4.76(11-I-4)	-12.00(2)	-0.90(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
128	-1.99(10-II-1)	6.23(11-I-4)	-12.04(2)	-0.98(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
129	-1.99(10-II-1)	6.18(11-I-4)	-11.80(2)	-0.98(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
130	0.00(1)	0.00(1)	-12.29(2)	0.52(13-II-1)	-0.20(10-II-1)	0.00(1)
131	0.00(1)	0.00(1)	-12.16(2)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)
132	0.00(1)	0.00(1)	-11.93(2)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)
133	0.00(1)	0.00(1)	-11.70(2)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)
134	0.00(1)	0.00(1)	-11.33(4)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)
135	0.00(1)	0.00(1)	-11.16(4)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)
136	0.00(1)	0.00(1)	-10.98(4)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)
137	0.00(1)	0.00(1)	-10.54(4)	0.53(13-II-1)	-0.19(10-II-1)	0.00(1)
138	0.00(1)	0.00(1)	-10.36(8)	0.53(13-II-1)	-0.19(10-II-1)	0.00(1)
139	-0.21(10-II-1)	-0.49(13-II-1)	-12.20(2)	0.48(13-II-4)	-0.21(10-II-1)	-0.01(10-I-3)
140	-0.21(10-II-1)	-0.49(13-II-1)	-12.07(2)	0.48(13-II-4)	-0.20(10-II-1)	-0.01(10-I-3)

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Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
141	-0.21(10-II-1)	-0.49(13-II-1)	-11.84(2)	0.48(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
142	-0.21(10-II-1)	-0.50(13-II-1)	-11.62(2)	0.49(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
143	-0.21(10-II-1)	-0.50(13-II-1)	-11.25(4)	0.49(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
144	-0.21(10-II-1)	-0.50(13-II-1)	-11.08(4)	0.49(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
145	-0.43(10-II-1)	-0.95(13-II-4)	-12.13(2)	-0.49(11-I-4)	-0.21(10-II-1)	-0.02(10-I-3)
146	-0.43(10-II-1)	-0.96(13-II-4)	-12.01(2)	-0.49(11-I-4)	-0.21(10-II-1)	-0.02(10-I-3)
147	-0.42(10-II-1)	-0.96(13-II-1)	-11.78(2)	-0.48(11-I-4)	-0.21(10-II-1)	-0.02(10-I-3)
148	-0.42(10-II-1)	-0.96(13-II-1)	-11.56(2)	-0.48(11-I-4)	-0.21(10-II-1)	-0.02(10-I-3)
149	-0.42(10-II-1)	-0.98(13-II-1)	-11.18(4)	-0.47(11-I-1)	-0.21(10-II-1)	-0.02(10-I-3)
150	-0.42(10-II-1)	-0.98(13-II-1)	-11.02(4)	-0.47(11-I-1)	-0.21(10-II-1)	-0.02(10-I-3)
151	-0.65(10-II-1)	-1.39(13-II-4)	-12.08(2)	-0.60(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
152	-0.64(10-II-1)	-1.39(13-II-4)	-11.96(2)	-0.60(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
153	-0.64(10-II-1)	-1.40(13-II-4)	-11.73(2)	-0.59(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
154	-0.64(10-II-1)	-1.41(13-II-1)	-11.51(2)	-0.58(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
155	-0.63(10-II-1)	-1.43(13-II-1)	-11.13(4)	-0.57(11-I-1)	-0.21(10-II-1)	-0.02(10-I-3)
156	-0.63(10-II-1)	-1.44(13-II-1)	-10.96(4)	-0.57(11-I-1)	-0.21(10-II-1)	-0.02(10-I-3)
157	-0.86(10-II-1)	1.94(11-I-4)	-12.03(2)	-0.68(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
158	-0.86(10-II-1)	1.93(11-I-4)	-11.91(2)	-0.68(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
159	-0.86(10-II-1)	1.91(11-I-4)	-11.68(2)	-0.67(11-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
160	-0.86(10-II-1)	1.89(11-I-4)	-11.46(2)	-0.67(11-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
161	-0.85(10-II-1)	1.87(11-I-1)	-11.08(4)	-0.65(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
162	-0.85(10-II-1)	-1.87(13-II-1)	-10.91(4)	-0.64(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
163	-1.08(10-II-1)	2.67(11-I-4)	-11.98(2)	-0.74(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
164	-1.08(10-II-1)	2.65(11-I-4)	-11.85(2)	-0.74(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
165	-1.08(10-II-1)	2.62(11-I-4)	-11.63(2)	-0.74(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
166	-1.07(10-II-1)	2.60(11-I-4)	-11.41(2)	-0.73(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
167	-1.07(10-II-1)	2.56(11-I-1)	-11.02(4)	-0.72(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
168	-1.07(10-II-1)	2.54(11-I-1)	-10.86(4)	-0.71(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
169	-1.30(10-II-1)	3.44(11-I-4)	-11.91(2)	-0.81(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
170	-1.30(10-II-1)	3.42(11-I-4)	-11.79(2)	-0.81(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
171	-1.30(10-II-1)	3.39(11-I-4)	-11.56(2)	-0.80(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
172	-1.29(10-II-1)	3.35(11-I-4)	-11.34(2)	-0.80(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
173	-1.29(10-II-1)	3.29(11-I-1)	-10.95(4)	-0.78(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
174	-1.29(10-II-1)	3.26(11-I-1)	-10.78(4)	-0.78(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
175	-1.52(10-II-1)	4.25(11-I-4)	-11.83(2)	-0.87(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
176	-1.52(10-II-1)	4.23(11-I-4)	-11.70(2)	-0.86(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
177	-1.52(10-II-1)	4.19(11-I-4)	-11.48(2)	-0.86(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
178	-1.52(10-II-1)	4.15(11-I-4)	-11.26(2)	-0.86(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
179	-1.51(10-II-1)	4.06(11-I-4)	-10.86(4)	-0.84(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
180	-1.51(10-II-1)	4.02(11-I-1)	-10.70(4)	-0.83(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
181	-1.64(10-II-1)	4.72(11-I-4)	-11.77(2)	-0.89(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
182	-1.64(10-II-1)	4.69(11-I-4)	-11.65(2)	-0.89(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
183	-1.64(10-II-1)	4.65(11-I-4)	-11.43(2)	-0.89(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
184	-1.64(10-II-1)	4.60(11-I-4)	-11.20(2)	-0.89(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
185	-1.64(10-II-1)	4.50(11-I-4)	-10.80(4)	-0.87(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
186	-1.63(10-II-1)	4.45(11-I-1)	-10.64(4)	-0.86(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
187	-1.99(10-II-1)	6.14(11-I-4)	-11.57(2)	-0.98(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
188	-1.99(10-II-1)	6.11(11-I-4)	-11.44(2)	-0.98(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
189	-1.99(10-II-1)	6.06(13-I-4)	-11.22(2)	-0.98(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
190	-1.99(10-II-1)	6.03(13-I-4)	-10.99(2)	-0.98(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
191	-1.99(10-II-1)	5.93(13-I-4)	-10.59(4)	-0.95(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
192	-1.99(10-II-1)	5.88(13-I-4)	-10.43(4)	-0.94(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
193	-0.21(10-II-1)	-0.50(13-II-1)	-10.91(4)	0.50(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
194	-0.21(10-II-1)	-0.51(13-II-2)	-10.47(4)	0.51(13-II-2)	-0.20(10-II-1)	-0.01(10-I-3)
195	-0.21(10-II-1)	-0.52(13-II-2)	-10.30(8)	0.52(13-II-2)	-0.20(10-II-1)	-0.01(10-I-3)
196	-0.42(10-II-1)	-0.99(13-II-1)	-10.85(4)	0.47(13-II-2)	-0.21(10-II-1)	-0.02(10-I-3)
197	-0.42(10-II-1)	-1.01(13-II-2)	-10.42(4)	0.49(13-II-2)	-0.21(10-II-1)	-0.02(10-I-3)
198	-0.43(10-II-1)	-1.03(13-II-2)	-10.25(8)	0.50(13-II-2)	-0.21(10-II-1)	-0.02(10-I-3)
199	-0.63(10-II-1)	-1.45(13-II-1)	-10.80(4)	-0.56(11-I-2)	-0.21(10-II-1)	-0.02(10-I-3)
200	-0.64(10-II-1)	-1.49(13-II-2)	-10.37(4)	-0.55(11-I-2)	-0.21(10-II-1)	-0.03(10-I-3)
201	-0.64(10-II-1)	-1.52(13-II-2)	-10.21(8)	-0.54(11-I-2)	-0.21(10-II-1)	-0.03(10-I-3)
202	-0.85(10-II-1)	-1.88(13-II-2)	-10.75(4)	-0.64(13-I-2)	-0.21(10-II-1)	-0.03(10-I-3)

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
203	-0.85(10-II-1)	-1.94(13-II-2)	-10.32(4)	-0.63(13-I-2)	-0.21(10-II-1)	-0.04(10-I-3)
204	-0.86(10-II-1)	-1.99(13-II-2)	-10.17(8)	-0.62(13-I-2)	-0.21(10-II-1)	-0.04(10-I-3)
205	-1.07(10-II-1)	2.52(11-I-2)	-10.69(4)	-0.71(13-I-2)	-0.21(10-II-1)	-0.04(10-I-3)
206	-1.07(10-II-1)	2.49(11-I-2)	-10.27(4)	-0.69(13-I-2)	-0.21(10-II-1)	-0.05(10-I-3)
207	-1.08(10-II-1)	2.45(11-I-2)	-10.12(8)	-0.69(13-I-2)	-0.21(10-II-1)	-0.05(10-I-3)
208	-1.29(10-II-1)	3.24(11-I-2)	-10.62(4)	-0.77(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
209	-1.30(10-II-1)	3.18(11-I-2)	-10.20(4)	-0.75(13-I-2)	-0.21(10-II-1)	-0.05(10-I-3)
210	-1.30(10-II-1)	3.13(11-I-2)	-10.06(8)	-0.74(13-I-2)	-0.21(10-II-1)	-0.06(10-I-3)
211	-1.51(10-II-1)	3.99(11-I-2)	-10.53(4)	-0.82(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
212	-1.52(10-II-1)	3.91(13-I-2)	-10.12(4)	-0.80(13-I-3)	-0.21(10-II-1)	-0.06(10-I-3)
213	-1.52(10-II-1)	3.86(13-I-2)	-9.98(8)	-0.79(13-I-3)	-0.21(10-II-1)	-0.06(10-I-3)
214	-1.64(10-II-1)	4.42(13-I-2)	-10.48(4)	-0.85(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
215	-1.64(10-II-1)	4.35(13-I-2)	-10.06(4)	-0.82(13-I-3)	-0.20(10-II-1)	-0.06(10-I-3)
216	-1.65(10-II-1)	4.30(13-I-2)	-9.94(8)	-0.81(13-I-3)	-0.21(10-II-1)	-0.07(10-I-3)
217	-1.99(10-II-1)	5.83(13-I-2)	-10.27(4)	-0.93(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
218	-2.00(10-II-1)	5.72(13-I-2)	-9.87(4)	-0.89(13-I-4)	-0.20(10-II-1)	-0.07(10-I-3)
219	-2.01(10-II-1)	5.65(13-I-2)	-9.76(8)	-0.88(13-I-4)	-0.21(10-II-1)	-0.07(10-I-3)
220	-1.99(12-II-3)	5.73(13-I-4)	-19.65(4)	-0.82(4)	-0.27(10-II-1)	-0.06(10-I-3)
221	-1.99(12-II-3)	5.69(13-I-4)	-19.38(4)	-0.81(4)	-0.28(10-II-1)	-0.06(10-I-3)
222	-2.06(12-II-3)	5.31(13-I-4)	-20.81(4)	-0.19(13-I-3)	-0.30(12-II-3)	-0.06(10-I-3)
223	-1.99(12-II-3)	5.64(13-I-4)	-18.98(4)	-0.80(4)	-0.29(10-II-1)	-0.06(10-I-3)
224	-2.05(12-II-3)	5.27(13-I-4)	-20.40(4)	-0.18(13-I-3)	-0.31(12-II-3)	-0.06(10-I-3)
225	-1.99(12-II-3)	5.59(13-I-4)	-18.60(4)	-0.77(4)	-0.30(4)	-0.06(10-I-3)
226	-2.09(12-II-3)	4.93(13-I-4)	-19.49(4)	0.67(4)	-0.31(12-II-3)	-0.07(10-I-3)
227	-1.97(12-II-3)	5.40(13-I-2)	-16.40(4)	-0.61(4)	-0.28(12-II-1)	-0.08(10-I-3)
228	-2.02(12-II-3)	5.15(13-I-2)	-17.50(4)	-0.21(11-I-4)	-0.30(12-II-3)	-0.06(10-I-3)
229	-2.06(12-II-3)	4.91(13-I-2)	-16.93(4)	0.45(13-II-4)	-0.29(12-II-3)	-0.05(10-I-3)
230	-1.98(12-II-3)	5.46(13-I-2)	-17.00(4)	-0.66(4)	-0.29(4)	-0.07(10-I-3)
231	-2.04(12-II-3)	5.17(13-I-2)	-18.16(4)	-0.20(13-I-4)	-0.33(4)	-0.06(10-I-3)
232	-2.07(12-II-3)	4.90(13-I-2)	-17.51(4)	0.50(4)	-0.30(12-II-3)	-0.05(10-I-3)
233	-1.99(12-II-3)	5.55(13-I-2)	-18.18(4)	-0.74(4)	-0.31(4)	-0.06(10-I-3)
234	-2.05(12-II-3)	5.21(13-I-2)	-19.49(4)	-0.19(13-I-3)	-0.34(4)	-0.06(10-I-3)
235	-2.08(12-II-3)	4.89(13-I-2)	-18.62(4)	0.59(4)	-0.31(12-II-3)	-0.06(10-I-3)
236	-2.05(12-II-3)	5.23(13-I-4)	-19.92(4)	-0.18(13-I-3)	-0.33(4)	-0.06(10-I-3)
237	-2.09(12-II-3)	4.90(13-I-4)	-19.08(4)	0.64(4)	-0.31(12-II-3)	-0.06(10-I-3)
238	0.00(1)	0.00(1)	-8.86(4)	0.44(13-II-1)	-0.15(10-II-1)	0.00(1)
239	0.00(1)	0.00(1)	-7.27(4)	-0.19(11-I-4)	-0.14(12-II-3)	0.00(1)
240	0.00(1)	0.00(1)	-8.78(4)	-0.52(13-I-3)	-0.16(12-II-3)	0.00(1)
241	0.00(1)	0.00(1)	-7.57(4)	0.16(11-II-2)	-0.10(12-II-3)	0.00(1)
242	0.00(1)	0.00(1)	-8.83(4)	-0.50(13-I-3)	0.16(10-I-3)	0.00(1)
243	0.00(1)	0.00(1)	-9.00(2)	0.44(13-II-1)	-0.15(10-II-1)	0.00(1)
244	0.00(1)	0.00(1)	-7.61(2)	0.17(11-II-2)	0.10(12-I-1)	0.00(1)
245	0.00(1)	0.00(1)	-8.70(4)	0.43(13-II-1)	-0.14(10-II-1)	0.00(1)
246	0.00(1)	0.00(1)	-7.56(4)	-0.16(13-I-2)	-0.10(12-II-3)	0.00(1)
247	0.00(1)	0.00(1)	-8.91(4)	-0.51(13-I-3)	0.16(10-I-3)	0.00(1)
248	0.00(1)	0.00(1)	-8.53(4)	0.43(13-II-1)	-0.15(10-II-1)	0.00(1)
249	0.00(1)	0.00(1)	-8.89(4)	-0.51(13-I-3)	0.16(10-I-3)	0.00(1)
250	0.00(1)	0.00(1)	-8.81(4)	0.44(13-II-1)	-0.15(10-II-1)	0.00(1)
251	0.00(1)	0.00(1)	-7.52(4)	-0.17(13-I-2)	-0.11(12-II-3)	0.00(1)
252	0.00(1)	0.00(1)	-7.50(4)	-0.17(13-I-3)	-0.11(12-II-3)	0.00(1)
253	0.00(1)	0.00(1)	-8.91(4)	-0.51(13-I-3)	0.16(10-I-3)	0.00(1)
254	0.00(1)	0.00(1)	-7.15(8)	-0.20(11-I-4)	-0.16(12-II-3)	0.00(1)
255	0.00(1)	0.00(1)	-8.02(8)	0.42(13-II-1)	-0.16(12-II-1)	0.00(1)
256	0.00(1)	0.00(1)	-7.21(8)	-0.19(11-I-4)	-0.14(12-II-3)	0.00(1)
257	0.00(1)	0.00(1)	-8.11(8)	0.42(13-II-1)	-0.16(12-II-1)	0.00(1)
258	0.00(1)	0.00(1)	-8.61(8)	-0.52(13-I-4)	-0.18(12-II-3)	0.00(1)
259	0.00(1)	0.00(1)	-8.71(4)	-0.52(13-I-4)	-0.17(12-II-3)	0.00(1)
260	0.00(1)	0.00(1)	-8.86(4)	-0.52(13-I-3)	0.15(10-I-3)	0.00(1)
261	0.00(1)	0.00(1)	-8.34(4)	0.43(13-II-1)	-0.15(10-II-1)	0.00(1)
262	0.00(1)	0.00(1)	-8.84(4)	-0.52(13-I-3)	-0.16(12-II-3)	0.00(1)
263	0.00(1)	0.00(1)	-7.35(4)	-0.18(11-I-4)	-0.13(12-II-3)	0.00(1)
264	0.00(1)	0.00(1)	-8.41(4)	0.43(13-II-1)	-0.15(10-II-1)	0.00(1)

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
265	0.00(1)	0.00(1)	-8.90(4)	-0.51(13-I-3)	0.15(10-I-3)	0.00(1)
266	0.00(1)	0.00(1)	-7.39(4)	-0.18(11-I-4)	-0.12(12-II-3)	0.00(1)
267	0.00(1)	0.00(1)	-7.45(4)	-0.17(13-I-3)	-0.12(12-II-3)	0.00(1)
268	0.00(1)	0.00(1)	-9.63(2)	0.50(2)	-0.18(10-II-1)	0.00(1)
269	0.00(1)	0.00(1)	-7.68(2)	0.19(11-II-2)	0.10(12-I-1)	0.00(1)
270	0.00(1)	0.00(1)	-7.72(2)	0.22(11-II-2)	0.11(12-I-1)	0.00(1)
271	0.00(1)	0.00(1)	-9.43(2)	0.48(2)	-0.17(10-II-1)	0.00(1)
272	0.00(1)	0.00(1)	-7.75(2)	0.24(11-II-2)	0.11(12-I-1)	0.00(1)
273	0.00(1)	0.00(1)	-8.56(2)	-0.41(13-I-3)	0.16(10-I-3)	0.00(1)
274	0.00(1)	0.00(1)	-9.26(2)	0.46(2)	-0.16(10-II-1)	0.00(1)
275	0.00(1)	0.00(1)	-8.68(2)	-0.46(13-I-3)	0.16(10-I-3)	0.00(1)
276	0.00(1)	0.00(1)	-9.17(2)	0.45(13-II-1)	-0.16(10-II-1)	0.00(1)
277	0.00(1)	0.00(1)	-7.65(2)	0.18(11-II-2)	0.10(12-I-1)	0.00(1)
278	0.00(1)	0.00(1)	-8.73(2)	-0.48(13-I-3)	0.16(10-I-3)	0.00(1)
279	-1.99(10-II-1)	6.25(11-I-4)	-12.16(2)	-0.97(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
280	0.00(1)	0.00(1)	-12.88(2)	0.52(13-II-1)	-0.21(10-II-1)	0.00(1)
281	-0.22(10-II-1)	-0.49(13-II-4)	-12.78(2)	0.48(13-II-4)	-0.22(10-II-1)	-0.01(10-I-3)
282	-0.88(10-II-1)	2.01(11-I-4)	-12.61(2)	-0.70(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
283	-1.10(10-II-1)	2.74(11-I-4)	-12.55(2)	-0.75(11-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
284	-0.44(10-II-1)	-0.95(13-II-4)	-12.71(2)	-0.50(11-I-4)	-0.22(10-II-1)	-0.02(10-I-3)
285	-0.66(10-II-1)	-1.38(13-II-4)	-12.66(2)	-0.61(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
286	-1.31(10-II-1)	3.53(11-I-4)	-12.49(2)	-0.81(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
287	-1.53(10-II-1)	4.35(11-I-4)	-12.41(2)	-0.87(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
288	-1.65(10-II-1)	4.82(11-I-4)	-12.36(2)	-0.89(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
289	0.00(1)	0.00(1)	-9.73(2)	0.51(2)	-0.18(10-II-1)	0.00(1)
290	-1.99(10-II-1)	6.28(11-I-4)	-12.40(2)	-0.97(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
291	-1.10(10-II-1)	2.77(11-I-4)	-12.78(2)	-0.76(11-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
292	-1.32(10-II-1)	3.56(11-I-4)	-12.72(2)	-0.81(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
293	-0.45(10-II-1)	-0.94(13-II-4)	-12.95(2)	-0.51(11-I-4)	-0.22(10-II-1)	-0.02(10-I-3)
294	-0.67(10-II-1)	-1.37(13-II-4)	-12.89(2)	-0.62(11-I-4)	-0.22(10-II-1)	-0.03(10-I-3)
295	-1.65(10-II-1)	4.85(11-I-4)	-12.59(2)	-0.89(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
296	0.00(1)	0.00(1)	-13.12(2)	0.52(13-II-4)	-0.23(10-II-1)	0.00(1)
297	-0.22(10-II-1)	-0.49(13-II-4)	-13.02(2)	0.48(13-II-4)	-0.22(10-II-1)	-0.01(10-I-3)
298	-0.88(10-II-1)	2.03(11-I-4)	-12.84(2)	-0.70(11-I-4)	-0.22(10-II-1)	-0.03(10-I-3)
299	-1.53(10-II-1)	4.38(11-I-4)	-12.64(2)	-0.86(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
300	0.00(1)	0.00(1)	-9.95(2)	0.53(2)	-0.19(10-II-1)	0.00(1)
301	-1.65(10-II-1)	4.26(13-I-2)	-9.87(8)	-0.81(13-I-3)	-0.22(10-II-1)	-0.08(10-I-3)
302	-1.53(10-II-1)	3.82(13-I-2)	-9.93(8)	-0.79(13-I-3)	-0.22(10-II-1)	-0.08(10-I-3)
303	-2.02(10-II-1)	5.60(13-I-2)	-9.66(8)	-0.88(13-I-4)	-0.22(10-II-1)	-0.10(8)
304	-1.96(12-II-3)	5.36(13-I-2)	-16.08(4)	-0.56(4)	-0.27(12-II-1)	-0.07(10-I-3)
305	-2.01(12-II-3)	5.14(13-I-2)	-17.14(4)	-0.22(11-I-4)	-0.28(12-II-3)	-0.06(10-I-3)
306	0.95(10-I-3)	2.85(13-I-3)	-11.55(4)	-0.66(13-I-2)	0.24(10-I-3)	0.03(13-II-4)
307	1.20(10-I-3)	3.49(13-I-2)	-11.49(4)	-0.59(13-I-2)	0.24(10-I-3)	0.03(13-II-4)
308	1.44(10-I-3)	4.05(13-I-2)	-11.42(4)	0.55(13-II-2)	0.24(10-I-3)	0.03(12-II-3)
309	1.68(10-I-3)	4.50(13-I-2)	-11.34(4)	0.61(13-II-2)	0.24(10-I-3)	0.03(12-II-3)
310	-1.08(10-II-1)	-2.45(13-II-2)	-10.06(8)	-0.69(13-I-2)	-0.22(10-II-1)	-0.06(10-I-3)
311	-0.86(10-II-1)	-2.02(13-II-2)	-10.11(8)	-0.62(13-I-2)	-0.22(10-II-1)	-0.05(10-I-3)
312	-1.31(10-II-1)	3.09(11-I-2)	-10.00(8)	-0.74(13-I-2)	-0.22(10-II-1)	-0.07(10-I-3)
313	0.00(1)	0.00(1)	-7.96(8)	0.42(13-II-1)	-0.17(12-II-1)	0.00(1)
314	0.71(10-I-3)	2.16(13-I-3)	-11.61(4)	-0.69(13-I-2)	0.24(10-I-3)	0.03(13-II-4)
315	0.47(10-I-3)	1.44(13-I-3)	-11.66(4)	-0.71(13-I-3)	0.24(10-I-3)	0.03(13-II-1)
316	0.00(1)	0.00(1)	-10.31(8)	0.53(13-II-1)	-0.19(10-II-1)	0.00(1)
317	-0.22(10-II-1)	-0.53(13-II-2)	-10.25(8)	0.52(13-II-2)	-0.21(10-II-1)	-0.03(13-I-4)
318	2.20(10-I-3)	4.89(13-I-2)	-11.05(4)	0.74(13-II-2)	0.23(10-I-3)	0.05(12-II-3)
319	-2.05(12-II-3)	4.95(13-I-2)	-16.62(4)	0.42(13-II-4)	-0.28(12-II-3)	-0.06(10-I-3)
320	-0.43(10-II-1)	-1.05(13-II-2)	-10.20(8)	0.50(13-II-2)	-0.21(10-II-1)	-0.03(13-I-4)
321	-0.64(10-II-1)	-1.55(13-II-2)	-10.16(8)	-0.54(11-I-2)	-0.22(10-II-1)	-0.04(10-I-3)
322	0.00(1)	0.00(1)	-11.80(4)	-0.69(13-I-3)	0.22(10-I-3)	0.00(1)
323	0.00(1)	0.00(1)	-8.60(8)	-0.52(13-I-4)	-0.18(12-II-3)	0.00(1)
324	1.82(10-I-3)	4.69(13-I-2)	-11.28(4)	0.64(13-II-2)	0.24(10-I-3)	0.03(12-II-3)
325	0.23(10-I-3)	0.71(13-I-3)	-11.72(4)	-0.71(13-I-3)	0.23(10-I-3)	0.02(13-II-1)
326	0.00(1)	0.00(1)	-7.10(8)	-0.20(11-I-4)	-0.16(12-II-3)	0.00(1)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
327	0.00(1)	0.00(1)	-10.08(2)	0.54(2)	-0.19(10-II-1)	0.00(1)
328	0.00(1)	0.00(1)	-13.36(2)	0.52(13-II-4)	-0.24(10-II-1)	0.00(1)
329	-0.23(10-II-1)	-0.49(13-II-4)	-13.27(2)	0.48(13-II-4)	-0.23(10-II-1)	-0.01(10-I-3)
330	-0.45(10-II-1)	-0.94(13-II-4)	-13.19(2)	-0.52(11-I-4)	-0.22(10-II-1)	-0.01(10-I-3)
331	-0.67(10-II-1)	1.38(11-I-4)	-13.13(2)	-0.62(11-I-4)	-0.22(10-II-1)	-0.02(10-I-3)
332	-1.65(10-II-1)	4.88(11-I-4)	-12.80(2)	-0.89(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
333	-1.99(10-II-1)	6.31(11-I-4)	-12.61(2)	-0.97(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
334	-1.32(10-II-1)	3.58(11-I-4)	-12.94(2)	-0.81(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
335	-1.53(10-II-1)	4.41(11-I-4)	-12.86(2)	-0.86(13-I-4)	-0.21(10-II-1)	-0.05(10-I-3)
336	-0.89(10-II-1)	2.06(11-I-4)	-13.07(2)	-0.70(11-I-4)	-0.22(10-II-1)	-0.03(10-I-3)
337	-1.10(10-II-1)	2.80(11-I-4)	-13.01(2)	-0.76(11-I-4)	-0.22(10-II-1)	-0.03(10-I-3)
338	-0.88(10-II-1)	2.06(11-I-4)	-13.35(2)	-0.70(11-I-4)	-0.22(10-II-1)	0.03(12-II-3)
339	-1.10(10-II-1)	2.81(11-I-4)	-13.28(2)	-0.76(11-I-4)	-0.22(10-II-1)	0.03(12-II-3)
340	-0.66(10-II-1)	1.38(11-I-4)	-13.41(2)	-0.62(11-I-4)	-0.22(10-II-1)	0.03(12-II-3)
341	-1.31(10-II-1)	3.60(11-I-4)	-13.19(2)	-0.81(13-I-4)	-0.22(10-II-1)	0.04(12-II-3)
342	-1.53(10-II-1)	4.43(11-I-4)	-13.09(2)	-0.87(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
343	-1.94(10-II-1)	6.35(11-I-4)	-12.74(2)	-0.98(13-I-4)	0.17(12-I-1)	0.07(12-II-3)
344	-0.22(10-II-1)	-0.49(13-II-4)	-13.56(2)	0.47(13-II-4)	-0.23(10-II-1)	0.02(5)
345	-0.44(10-II-1)	-0.94(13-II-4)	-13.48(2)	-0.52(11-I-4)	-0.22(10-II-1)	0.02(2)
346	0.00(1)	0.00(1)	-13.66(2)	0.51(13-II-4)	-0.26(10-II-1)	0.00(1)
347	-1.65(10-II-1)	4.90(11-I-4)	-13.03(2)	-0.89(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
348	1.45(10-I-3)	4.03(13-I-2)	-11.56(4)	0.55(13-II-2)	0.23(10-I-3)	-0.02(11-I-4)
349	0.00(1)	0.00(1)	-7.75(2)	0.26(11-II-2)	0.11(12-I-1)	0.00(1)
350	-2.10(12-II-3)	4.95(13-I-4)	-19.69(4)	0.69(4)	-0.31(12-II-3)	-0.07(10-I-3)
351	-2.06(12-II-3)	5.34(13-I-4)	-20.98(4)	-0.19(13-I-3)	-0.30(12-II-3)	-0.07(10-I-3)
352	-2.06(12-II-3)	5.39(13-I-4)	-21.19(4)	-0.20(13-I-3)	-0.30(12-II-3)	-0.07(10-I-3)
353	-2.11(12-II-3)	4.99(11-I-4)	-19.99(4)	0.71(4)	-0.32(12-II-3)	-0.08(10-I-3)
354	-2.06(12-II-3)	5.45(11-I-4)	-21.27(4)	-0.22(13-I-3)	-0.29(10-II-4)	-0.07(10-I-3)
355	-2.12(12-II-3)	5.06(11-I-4)	-20.19(4)	0.70(4)	-0.33(12-II-3)	-0.08(10-I-3)
356	-1.98(12-II-3)	5.76(13-I-4)	-19.76(4)	-0.82(4)	-0.27(10-II-1)	-0.06(10-I-3)
357	-1.98(12-II-3)	5.80(13-I-4)	-19.87(4)	-0.81(4)	-0.26(10-II-1)	-0.06(10-I-3)
358	-1.98(12-II-3)	5.85(13-I-4)	-19.86(4)	-0.80(4)	-0.25(10-II-1)	-0.06(10-I-3)
359	-2.13(12-II-3)	5.10(11-I-4)	-20.27(4)	0.69(4)	-0.34(12-II-3)	-0.08(10-I-3)
360	-2.07(12-II-3)	5.49(11-I-4)	-21.28(4)	-0.24(13-I-3)	-0.29(10-II-4)	-0.07(10-I-3)
361	-2.07(12-II-3)	5.58(11-I-4)	-21.26(4)	-0.26(13-I-3)	-0.30(10-II-4)	-0.07(10-I-3)
362	-2.14(12-II-3)	5.18(11-I-4)	-20.40(4)	0.64(4)	-0.35(12-II-3)	-0.09(10-I-3)
363	-2.08(12-II-3)	5.66(11-I-4)	-21.44(2)	-0.30(13-I-3)	-0.30(10-II-4)	-0.07(10-I-3)
364	-2.16(12-II-3)	5.28(11-I-4)	-20.61(2)	0.57(4)	-0.37(12-II-4)	-0.08(10-I-3)
365	-1.98(12-II-3)	5.89(11-I-4)	-19.83(4)	-0.79(4)	-0.25(10-II-1)	-0.06(10-I-3)
366	-1.98(12-II-3)	5.95(11-I-4)	-19.83(2)	-0.80(2)	-0.24(10-II-1)	-0.06(10-I-3)
367	-1.98(12-II-3)	6.02(11-I-4)	-20.05(2)	-0.83(2)	-0.24(10-II-1)	-0.06(10-I-3)
368	-2.17(12-II-3)	5.45(11-I-4)	-21.28(2)	0.41(4)	-0.39(12-II-4)	-0.07(10-I-3)
369	-2.10(12-II-3)	5.78(11-I-4)	-21.89(2)	-0.37(13-I-3)	-0.32(10-II-4)	-0.08(10-I-3)
370	-2.01(12-II-3)	6.08(11-I-4)	-20.31(2)	-0.84(2)	-0.26(10-II-1)	-0.07(10-I-3)
371	0.00(1)	0.00(1)	-8.64(4)	0.43(13-II-1)	-0.14(10-II-1)	0.00(1)
372	0.00(1)	0.00(1)	-8.21(4)	0.42(13-II-1)	-0.15(12-II-1)	0.00(1)
373	-0.21(10-II-1)	-0.51(13-II-1)	-10.64(4)	0.50(13-II-2)	-0.20(10-II-1)	-0.01(10-I-3)
374	-0.42(10-II-1)	-1.00(13-II-2)	-10.59(4)	0.48(13-II-2)	-0.21(10-II-1)	-0.02(10-I-3)
375	-0.63(10-II-1)	-1.47(13-II-2)	-10.54(4)	-0.56(11-I-2)	-0.21(10-II-1)	-0.02(10-I-3)
376	-0.85(10-II-1)	-1.91(13-II-2)	-10.49(4)	-0.63(13-I-2)	-0.21(10-II-1)	-0.03(10-I-3)
377	-1.07(10-II-1)	2.51(11-I-2)	-10.43(4)	-0.70(13-I-2)	-0.21(10-II-1)	-0.04(10-I-3)
378	-1.52(10-II-1)	3.94(11-I-2)	-10.28(4)	-0.81(13-I-3)	-0.21(10-II-1)	-0.06(10-I-3)
379	-1.64(10-II-1)	4.38(13-I-2)	-10.23(4)	-0.83(13-I-3)	-0.20(10-II-1)	-0.06(10-I-3)
380	0.00(1)	0.00(1)	-10.71(4)	0.53(13-II-1)	-0.19(10-II-1)	0.00(1)
381	-2.00(10-II-1)	5.77(13-I-2)	-10.03(4)	-0.91(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
382	-1.29(10-II-1)	3.21(11-I-2)	-10.37(4)	-0.76(13-I-3)	-0.21(10-II-1)	-0.05(10-I-3)
383	-0.21(10-II-1)	-0.50(13-II-1)	-10.81(4)	0.50(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
384	-0.42(10-II-1)	-0.99(13-II-1)	-10.76(4)	0.47(13-II-2)	-0.21(10-II-1)	-0.02(10-I-3)
385	-0.63(10-II-1)	-1.45(13-II-2)	-10.71(4)	-0.56(11-I-2)	-0.21(10-II-1)	-0.02(10-I-3)
386	-0.85(10-II-1)	-1.89(13-II-2)	-10.66(4)	-0.63(13-I-2)	-0.21(10-II-1)	-0.03(10-I-3)
387	-1.07(10-II-1)	2.52(11-I-2)	-10.60(4)	-0.70(13-I-2)	-0.21(10-II-1)	-0.04(10-I-3)
388	-1.29(10-II-1)	3.23(11-I-2)	-10.53(4)	-0.76(13-I-3)	-0.21(10-II-1)	-0.05(10-I-3)

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
389	-1.51(10-II-1)	3.97(11-I-2)	-10.44(4)	-0.82(13-I-3)	-0.20(10-II-1)	-0.06(10-I-3)
390	-1.64(10-II-1)	4.41(13-I-2)	-10.39(4)	-0.84(13-I-3)	-0.20(10-II-1)	-0.06(10-I-3)
391	0.00(1)	0.00(1)	-10.89(4)	0.53(13-II-1)	-0.19(10-II-1)	0.00(1)
392	-1.99(10-II-1)	5.81(13-I-2)	-10.18(4)	-0.92(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
393	-0.64(10-II-1)	-1.42(13-II-1)	-11.22(4)	-0.58(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
394	-0.85(10-II-1)	1.87(11-I-1)	-11.16(4)	-0.65(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
395	-1.07(10-II-1)	2.56(11-I-1)	-11.11(4)	-0.72(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
396	-1.29(10-II-1)	3.30(11-I-4)	-11.03(4)	-0.79(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
397	-1.51(10-II-1)	4.08(11-I-4)	-10.95(4)	-0.84(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
398	-1.64(10-II-1)	4.53(11-I-4)	-10.89(2)	-0.87(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
399	-1.99(10-II-1)	5.96(13-I-4)	-10.69(2)	-0.96(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
400	0.00(1)	0.00(1)	-11.42(4)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)
401	-0.21(10-II-1)	-0.50(13-II-1)	-11.33(4)	0.49(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
402	-0.42(10-II-1)	-0.97(13-II-1)	-11.27(4)	-0.47(11-I-1)	-0.21(10-II-1)	-0.02(10-I-3)
403	-0.64(10-II-1)	-1.41(13-II-1)	-11.42(2)	-0.58(11-I-4)	-0.21(10-II-1)	-0.03(10-I-3)
404	-0.85(10-II-1)	1.89(11-I-1)	-11.37(2)	-0.66(11-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
405	-1.07(10-II-1)	2.59(11-I-4)	-11.31(2)	-0.73(13-I-4)	-0.21(10-II-1)	-0.04(10-I-3)
406	-1.29(10-II-1)	3.34(11-I-4)	-11.25(2)	-0.80(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
407	-1.52(10-II-1)	4.13(11-I-4)	-11.16(2)	-0.85(13-I-4)	-0.20(10-II-1)	-0.05(10-I-3)
408	-1.64(10-II-1)	4.58(11-I-4)	-11.11(2)	-0.88(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
409	-1.99(10-II-1)	6.01(13-I-4)	-10.90(2)	-0.97(13-I-4)	-0.20(10-II-1)	-0.06(10-I-3)
410	-0.42(10-II-1)	-0.97(13-II-1)	-11.46(2)	-0.47(11-I-1)	-0.21(10-II-1)	-0.02(10-I-3)
411	-0.21(10-II-1)	-0.50(13-II-1)	-11.52(2)	0.49(13-II-1)	-0.20(10-II-1)	-0.01(10-I-3)
412	0.00(1)	0.00(1)	-11.60(2)	0.52(13-II-1)	-0.19(10-II-1)	0.00(1)

Risultati Analisi Dinamica - Spostamenti massimi - Impalcati

Scenario di calcolo : **ScenarioNT_2018 A2_SLV_SLD_STR_GEO**

la tripletta (Cb [-SubC-Cbm]) indica la Combinazione - SottoCombinazione sismica - Posizione Masse, nel caso non sismico mancano SubC-Cbm

Piano	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
	mm	mm	mm	mrad	mrad	mrad
1	-0.20(12-II-3)	0.42(13-I-4)	-11.72(4-1)	0.00(1-1)	0.00(1-1)	0.01(12-II-3)
2	-0.40(12-II-3)	0.94(13-I-4)	-11.65(4-1)	0.00(1-1)	0.00(1-1)	0.01(12-II-3)
3	-0.60(12-II-3)	1.54(13-I-4)	-11.60(4-1)	0.00(1-1)	0.00(1-1)	-0.02(10-I-3)
4	-0.81(12-II-3)	2.19(13-I-4)	-11.55(4-1)	0.00(1-1)	0.00(1-1)	-0.03(10-I-3)
5	-1.02(12-II-3)	2.87(13-I-4)	-11.49(4-1)	0.00(1-1)	0.00(1-1)	-0.03(10-I-3)
6	-1.23(12-II-3)	3.56(13-I-4)	-11.42(4-1)	0.00(1-1)	0.00(1-1)	-0.04(10-I-3)
7	-1.41(12-II-3)	4.17(13-I-4)	-11.34(4-1)	0.00(1-1)	0.00(1-1)	-0.05(10-I-3)
8	-1.58(12-II-3)	4.71(13-I-4)	-11.26(4-1)	0.00(1-1)	0.00(1-1)	-0.06(10-I-3)
9	-1.98(12-II-3)	5.44(13-I-4)	-16.18(4-1)	0.00(1-1)	0.00(1-1)	-0.06(10-I-3)

Risultati Analisi Dinamica - Spostamenti massimi - Impalcati (SLD)

Scenario di calcolo : **ScenarioNT_2018 A2_SLV_SLD_STR_GEO**

la tripletta (Cb [-SubC-Cbm]) indica la Combinazione - SottoCombinazione sismica - Posizione Masse, nel caso non sismico mancano SubC-Cbm

Piano	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
	mm	mm	mm	mrad	mrad	mrad
1	-0.10(14-1)	0.25(22-I-4)	-8.41(14-1)	0.00(14-1)	0.00(14-1)	0.00(14-1)
2	-0.20(14-1)	0.58(22-I-4)	-8.36(14-1)	0.00(14-1)	0.00(14-1)	0.00(21-II-3)
3	-0.29(14-1)	0.95(22-I-4)	-8.32(14-1)	0.00(14-1)	0.00(14-1)	-0.00(21-I-3)
4	-0.40(14-1)	1.35(22-I-4)	-8.28(14-1)	0.00(14-1)	0.00(14-1)	-0.01(21-I-3)
5	-0.50(14-1)	1.76(22-I-4)	-8.24(14-1)	0.00(14-1)	0.00(14-1)	-0.01(21-I-3)

Piano	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
6	-0.60(14-1)	2.18(22-I-4)	-8.19(14-1)	0.00(14-1)	0.00(14-1)	-0.02(21-I-3)
7	-0.69(14-1)	2.54(22-I-4)	-8.12(14-1)	0.00(14-1)	0.00(14-1)	-0.02(21-I-3)
8	-0.78(14-1)	2.86(22-I-4)	-8.07(14-1)	0.00(14-1)	0.00(14-1)	-0.02(21-I-3)
9	-0.96(14-1)	3.28(22-I-4)	-11.62(14-1)	0.00(14-1)	0.00(14-1)	-0.03(18-1)

Risultati Analisi Dinamica - Spostamenti massimi - Nodi - S.L.E.

Scenario di calcolo : **ScenarioNT_2018 A2_SLV_SLD_STR_GEO**

la tripletta (Cb [-SubC-Cbm]) indica la Combinazione - SottoCombinazione sismica - Posizione Masse, nel caso non sismico mancano SubC-Cbm

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
	mm	mm	mm	mrad	mrad	mrad
1	0.00(14)	0.00(14)	-8.93(14)	-0.47(22-I-3)	0.09(21-I-3)	0.00(14)
2	0.00(14)	0.00(14)	-8.87(14)	-0.48(22-I-3)	0.09(21-I-3)	0.00(14)
3	0.00(14)	0.00(14)	-8.78(14)	-0.48(22-I-3)	0.08(21-I-3)	0.00(14)
4	0.00(14)	0.00(14)	-8.67(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(14)
5	0.00(14)	0.00(14)	-8.61(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(14)
6	0.09(21-I-3)	0.51(22-I-3)	-8.93(14)	-0.50(22-I-3)	0.08(21-I-3)	-0.03(14)
7	0.09(21-I-3)	0.50(22-I-3)	-8.82(14)	-0.50(22-I-3)	0.08(21-I-3)	-0.01(14)
8	0.08(21-I-3)	0.50(22-I-3)	-8.72(14)	-0.49(22-I-3)	0.08(21-I-3)	-0.01(14)
9	0.08(21-I-3)	0.49(22-I-3)	-8.61(14)	-0.49(22-I-3)	0.08(21-I-3)	-0.01(14)
10	0.08(21-I-3)	0.49(22-I-3)	-8.55(14)	-0.49(22-I-3)	0.08(21-I-3)	-0.01(14)
11	0.17(21-I-3)	0.99(22-I-3)	-8.56(14)	-0.48(22-I-4)	0.08(21-I-3)	-0.02(14)
12	0.16(21-I-3)	0.98(22-I-3)	-8.50(14)	-0.48(22-I-4)	0.08(21-I-3)	-0.02(14)
13	0.17(21-I-3)	1.00(22-I-3)	-8.68(14)	-0.49(22-I-4)	0.08(21-I-3)	-0.02(14)
14	0.17(21-I-3)	1.01(22-I-3)	-8.79(14)	-0.49(22-I-4)	0.08(21-I-3)	-0.03(14)
15	0.17(21-I-3)	1.03(22-I-4)	-8.92(14)	-0.50(22-I-4)	0.08(21-I-3)	-0.04(14)
16	0.25(21-I-3)	1.47(22-I-4)	-8.53(14)	-0.46(22-I-4)	0.08(21-I-3)	-0.03(14)
17	0.25(21-I-3)	1.46(22-I-3)	-8.47(14)	-0.45(22-I-4)	0.08(21-I-3)	-0.02(14)
18	0.25(21-I-3)	1.48(22-I-4)	-8.64(14)	-0.46(22-I-4)	0.08(21-I-3)	-0.03(14)
19	0.26(21-I-3)	1.50(22-I-4)	-8.76(14)	-0.47(22-I-4)	0.08(21-I-3)	-0.04(14)
20	0.26(21-I-3)	1.54(22-I-4)	-8.90(14)	-0.48(22-I-4)	0.08(21-I-3)	-0.05(14)
21	0.33(21-I-3)	1.91(22-I-4)	-8.49(14)	-0.41(22-I-4)	0.08(21-I-3)	-0.03(14)
22	0.33(21-I-3)	1.90(22-I-4)	-8.43(14)	-0.41(22-I-4)	0.08(21-I-3)	-0.03(14)
23	0.34(21-I-3)	1.94(22-I-4)	-8.61(14)	-0.42(22-I-4)	0.08(21-I-3)	-0.04(14)
24	0.34(21-I-3)	1.97(22-I-4)	-8.73(14)	-0.43(22-I-4)	0.08(21-I-3)	-0.05(14)
25	0.35(21-I-3)	2.02(22-I-4)	-8.87(14)	-0.43(22-I-4)	0.08(21-I-3)	-0.06(14)
26	0.42(21-I-3)	2.31(22-I-4)	-8.44(14)	-0.36(22-I-4)	0.08(21-I-3)	-0.04(14)
27	0.42(21-I-3)	2.30(22-I-4)	-8.38(14)	-0.35(22-I-4)	0.08(21-I-3)	-0.03(14)
28	0.42(21-I-3)	2.34(22-I-4)	-8.56(14)	-0.36(22-I-4)	-0.08(14)	-0.04(14)
29	0.43(21-I-3)	2.38(22-I-4)	-8.69(14)	-0.37(22-I-4)	-0.08(14)	-0.05(14)
30	0.43(21-I-3)	2.44(22-I-4)	-8.84(14)	-0.37(22-I-4)	0.08(21-I-3)	-0.07(14)
31	0.50(21-I-3)	2.64(22-I-4)	-8.39(14)	-0.28(22-I-4)	-0.08(14)	-0.04(14)
32	0.50(21-I-3)	2.62(22-I-4)	-8.33(14)	-0.28(22-I-1)	-0.08(14)	-0.03(14)
33	0.50(21-I-3)	2.67(22-I-4)	-8.51(14)	-0.28(22-I-4)	-0.08(14)	-0.04(14)
34	0.51(21-I-3)	2.71(22-I-4)	-8.64(14)	-0.28(22-I-4)	-0.09(14)	-0.05(14)
35	0.52(21-I-3)	2.78(22-I-4)	-8.80(14)	-0.28(22-I-4)	0.08(21-I-3)	-0.08(14)
36	0.58(21-I-3)	2.88(22-I-4)	-8.31(14)	0.26(14)	-0.08(14)	-0.03(14)
37	0.58(21-I-3)	2.86(22-I-4)	-8.26(14)	0.26(14)	-0.08(14)	-0.03(14)
38	0.58(21-I-3)	2.92(22-I-4)	-8.43(14)	0.27(14)	-0.09(14)	-0.04(14)
39	0.59(21-I-3)	2.96(22-I-4)	-8.56(14)	0.28(14)	-0.10(14)	-0.05(14)
40	0.60(21-I-3)	3.03(22-I-4)	-8.74(14)	0.30(14)	-0.08(14)	-0.07(14)
41	0.62(21-I-3)	2.97(22-I-4)	-8.27(14)	0.33(14)	-0.09(14)	-0.03(14)
42	0.62(21-I-3)	2.96(22-I-4)	-8.21(14)	0.32(14)	-0.08(14)	-0.03(14)
43	0.62(21-I-3)	3.01(22-I-4)	-8.38(14)	0.35(14)	-0.10(14)	-0.04(14)
44	0.63(21-I-3)	3.05(22-I-4)	-8.51(14)	0.37(14)	-0.12(14)	-0.04(14)
45	0.64(21-I-3)	3.11(22-I-4)	-8.70(14)	0.39(14)	-0.10(14)	-0.07(14)
46	0.76(21-I-3)	3.04(22-I-4)	-8.09(14)	0.59(14)	-0.09(14)	-0.03(21-I-3)
47	0.76(21-I-3)	3.03(22-I-4)	-8.04(14)	0.57(14)	-0.08(14)	-0.03(21-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
48	0.75(21-I-3)	3.06(22-I-4)	-8.19(14)	0.62(14)	-0.10(14)	-0.04(14)
49	0.74(21-I-3)	3.08(22-I-4)	-8.31(14)	0.66(14)	-0.14(14)	-0.05(14)
50	-0.73(14)	3.03(22-I-4)	-8.55(14)	0.80(14)	-0.27(14)	-0.04(14)
51	0.00(14)	0.00(14)	-8.31(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(14)
52	0.00(14)	0.00(14)	-8.38(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(14)
53	0.00(14)	0.00(14)	-8.20(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(14)
54	0.00(14)	0.00(14)	-8.08(14)	-0.48(22-I-3)	-0.07(14)	0.00(14)
55	0.00(14)	0.00(14)	-7.94(14)	-0.48(22-I-3)	-0.07(14)	0.00(14)
56	0.00(14)	0.00(14)	-8.50(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(14)
57	0.08(21-I-3)	0.49(22-I-3)	-8.25(14)	-0.48(22-I-3)	0.07(21-I-3)	-0.00(14)
58	0.08(21-I-3)	0.49(22-I-3)	-8.31(14)	-0.48(22-I-3)	0.07(21-I-3)	-0.01(14)
59	0.08(21-I-3)	0.48(22-I-3)	-8.13(14)	-0.48(22-I-3)	0.07(21-I-3)	-0.00(14)
60	0.08(21-I-3)	0.48(22-I-3)	-8.02(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(21-I-1)
61	0.08(21-I-3)	0.49(22-I-3)	-7.88(14)	-0.48(22-I-3)	0.07(21-I-3)	0.01(14)
62	0.08(21-I-3)	0.49(22-I-3)	-8.43(14)	-0.48(22-I-3)	0.07(21-I-3)	-0.01(14)
63	0.16(21-I-3)	0.98(22-I-3)	-8.39(14)	-0.47(22-I-3)	0.08(21-I-3)	-0.01(14)
64	0.16(21-I-3)	0.97(22-I-3)	-8.27(14)	-0.47(22-I-3)	0.08(21-I-3)	-0.01(14)
65	0.16(21-I-3)	0.97(22-I-3)	-8.20(14)	-0.47(22-I-3)	0.08(21-I-3)	-0.01(14)
66	0.16(21-I-3)	0.96(22-I-3)	-7.83(14)	-0.46(22-I-3)	0.08(21-I-3)	0.01(14)
67	0.16(21-I-3)	0.96(22-I-3)	-8.09(14)	-0.46(22-I-3)	0.08(21-I-3)	-0.01(14)
68	0.16(21-I-3)	0.96(22-I-3)	-7.97(14)	-0.46(22-I-3)	0.08(21-I-3)	-0.00(21-II-1)
69	0.25(21-I-3)	1.45(22-I-3)	-8.35(14)	-0.45(22-I-4)	0.08(21-I-3)	-0.02(14)
70	0.24(21-I-3)	1.44(22-I-3)	-8.23(14)	-0.44(22-I-3)	0.08(21-I-3)	-0.02(14)
71	0.24(21-I-3)	1.43(22-I-3)	-8.17(14)	-0.44(22-I-3)	0.08(21-I-3)	-0.01(14)
72	0.24(21-I-3)	1.42(22-I-3)	-7.79(14)	-0.43(22-I-2)	0.08(21-I-3)	0.01(14)
73	0.24(21-I-3)	1.42(22-I-3)	-8.05(14)	-0.44(22-I-2)	0.08(21-I-3)	-0.01(14)
74	0.24(21-I-3)	1.42(22-I-3)	-7.94(14)	-0.43(22-I-2)	0.08(21-I-3)	-0.00(21-II-1)
75	0.33(21-I-3)	1.88(22-I-3)	-8.31(14)	-0.41(22-I-4)	0.08(21-I-3)	-0.03(14)
76	0.33(21-I-3)	1.87(22-I-3)	-8.19(14)	-0.40(22-I-2)	0.08(21-I-3)	-0.02(14)
77	0.33(21-I-3)	1.86(22-I-3)	-8.13(14)	-0.40(22-I-2)	0.08(21-I-3)	-0.02(14)
78	0.32(21-I-3)	1.84(22-I-3)	-7.75(14)	-0.39(22-I-2)	0.08(21-I-3)	0.01(14)
79	0.32(21-I-3)	1.85(22-I-3)	-8.01(14)	-0.40(22-I-2)	0.08(21-I-3)	-0.01(14)
80	0.32(21-I-3)	1.84(22-I-3)	-7.90(14)	-0.39(22-I-2)	0.08(21-I-3)	-0.00(21-II-1)
81	0.41(21-I-3)	2.27(22-I-4)	-8.27(14)	-0.35(22-I-4)	0.08(21-I-3)	-0.03(14)
82	0.41(21-I-3)	2.25(22-I-3)	-8.15(14)	-0.34(22-I-2)	0.08(21-I-3)	-0.02(14)
83	0.41(21-I-3)	2.24(22-I-3)	-8.09(14)	-0.34(22-I-2)	0.08(21-I-3)	-0.02(17)
84	0.40(21-I-3)	2.21(22-I-2)	-7.71(14)	-0.33(22-I-2)	0.08(21-I-3)	0.01(14)
85	0.41(21-I-3)	2.23(22-I-3)	-7.98(14)	-0.34(22-I-2)	0.08(21-I-3)	-0.01(17)
86	0.41(21-I-3)	2.22(22-I-3)	-7.86(14)	-0.34(22-I-2)	0.08(21-I-3)	-0.01(22-I-4)
87	0.49(21-I-3)	2.59(22-I-4)	-8.22(14)	-0.28(22-I-1)	-0.08(14)	-0.03(14)
88	0.49(21-I-3)	2.57(22-I-3)	-8.10(14)	-0.27(22-I-2)	-0.08(14)	-0.02(17)
89	0.49(21-I-3)	2.56(22-I-3)	-8.04(14)	-0.27(22-I-2)	-0.08(14)	-0.02(17)
90	0.48(21-I-3)	2.52(22-I-2)	-7.66(14)	-0.26(22-I-2)	0.08(21-I-3)	0.01(14)
91	0.49(21-I-3)	2.54(22-I-3)	-7.93(14)	-0.27(22-I-2)	-0.08(14)	-0.01(17)
92	0.58(21-I-3)	2.83(22-I-4)	-8.15(14)	0.25(14)	-0.08(14)	-0.03(14)
93	0.58(21-I-3)	2.81(22-I-3)	-8.04(14)	0.24(14)	-0.08(14)	-0.02(17)
94	0.57(21-I-3)	2.79(22-I-3)	-7.98(14)	0.24(14)	-0.08(14)	-0.02(17)
95	0.57(21-I-3)	2.75(22-I-2)	-7.60(14)	0.23(14)	-0.08(14)	0.01(14)
96	0.57(21-I-3)	2.78(22-I-2)	-7.87(14)	0.23(14)	-0.08(14)	-0.02(21-I-3)
97	0.57(21-I-3)	2.76(22-I-2)	-7.76(14)	0.23(14)	-0.08(14)	-0.01(21-I-3)
98	0.62(21-I-3)	2.93(22-I-4)	-8.11(14)	0.31(14)	-0.08(14)	-0.02(18)
99	0.62(21-I-3)	2.90(22-I-3)	-8.00(14)	0.30(14)	-0.08(14)	-0.02(17)
100	0.62(21-I-3)	2.89(22-I-2)	-7.95(14)	0.29(14)	0.08(21-I-3)	-0.02(17)
101	0.61(21-I-3)	2.83(22-I-2)	-7.57(14)	0.28(14)	0.08(21-I-3)	-0.01(21-I-3)
102	0.62(21-I-3)	2.87(22-I-2)	-7.84(14)	0.29(14)	0.08(21-I-3)	-0.02(21-I-3)
103	0.62(21-I-3)	2.85(22-I-2)	-7.73(14)	0.28(14)	0.08(21-I-3)	-0.02(21-I-3)
104	0.76(21-I-3)	3.01(22-I-4)	-7.95(14)	0.54(14)	-0.08(14)	-0.03(21-I-3)
105	0.75(21-I-3)	2.99(22-I-2)	-7.86(14)	0.52(14)	0.08(21-I-3)	-0.03(21-I-3)
106	0.75(21-I-3)	2.98(22-I-2)	-7.80(14)	0.50(14)	0.08(21-I-3)	-0.02(21-I-3)
107	0.74(21-I-3)	2.91(22-I-2)	-7.45(14)	0.46(14)	-0.08(14)	-0.01(21-I-3)
108	0.75(21-I-3)	2.97(22-I-2)	-7.70(14)	0.48(14)	0.08(21-I-3)	-0.02(21-I-3)
109	0.74(21-I-3)	2.95(22-I-2)	-7.60(14)	0.47(14)	0.08(21-I-3)	-0.02(21-I-3)

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
110	0.00(14)	0.00(14)	-9.33(14)	0.35(14)	-0.12(14)	0.00(14)
111	0.00(14)	0.00(14)	-9.15(14)	0.35(14)	-0.11(14)	0.00(14)
112	-0.12(14)	-0.27(14)	-9.26(14)	0.23(14)	-0.12(14)	-0.01(21-I-3)
113	-0.12(14)	-0.27(14)	-9.08(14)	0.23(14)	-0.12(14)	-0.00(21-I-3)
114	-0.25(14)	-0.43(14)	-9.20(14)	-0.27(22-I-4)	-0.12(14)	-0.01(21-I-3)
115	-0.24(14)	-0.43(14)	-9.03(14)	-0.27(22-I-4)	-0.12(14)	-0.01(21-I-3)
116	-0.37(14)	0.69(22-I-4)	-9.16(14)	-0.36(22-I-4)	-0.12(14)	-0.01(21-I-3)
117	-0.36(14)	0.67(22-I-4)	-8.99(14)	-0.35(22-I-4)	-0.12(14)	-0.01(21-I-3)
118	-0.49(14)	1.09(22-I-4)	-9.12(14)	-0.42(22-I-4)	-0.12(14)	-0.02(21-I-3)
119	-0.49(14)	1.07(22-I-4)	-8.95(14)	-0.42(22-I-4)	-0.12(14)	-0.02(21-I-3)
120	-0.61(14)	1.54(22-I-4)	-9.08(14)	-0.47(22-I-4)	-0.11(14)	-0.02(21-I-3)
121	-0.60(14)	1.52(22-I-4)	-8.90(14)	-0.46(22-I-4)	-0.11(14)	-0.02(21-I-3)
122	-0.73(14)	2.03(22-I-4)	-9.03(14)	-0.50(22-I-4)	-0.11(14)	-0.02(21-I-3)
123	-0.72(14)	2.01(22-I-4)	-8.85(14)	-0.50(22-I-4)	-0.11(14)	-0.02(21-I-3)
124	-0.84(14)	2.55(22-I-4)	-8.97(14)	-0.54(22-I-4)	-0.11(14)	-0.02(21-I-3)
125	-0.84(14)	2.53(22-I-4)	-8.79(14)	-0.54(22-I-4)	-0.11(14)	-0.02(21-I-3)
126	-0.90(14)	2.85(22-I-4)	-8.93(14)	-0.56(22-I-4)	-0.11(14)	-0.02(21-I-3)
127	-0.90(14)	2.83(22-I-4)	-8.75(14)	-0.56(22-I-4)	-0.11(14)	-0.02(21-I-3)
128	-1.09(14)	3.78(22-I-4)	-8.77(14)	-0.61(22-I-4)	-0.11(14)	-0.02(21-I-3)
129	-1.09(14)	3.76(22-I-4)	-8.59(14)	-0.61(22-I-4)	-0.11(14)	-0.02(21-I-3)
130	0.00(14)	0.00(14)	-8.97(14)	0.34(14)	-0.11(14)	0.00(14)
131	0.00(14)	0.00(14)	-8.87(14)	0.34(14)	-0.11(14)	0.00(14)
132	0.00(14)	0.00(14)	-8.69(14)	0.33(14)	-0.10(14)	0.00(14)
133	0.00(14)	0.00(14)	-8.51(14)	0.33(14)	-0.10(14)	0.00(14)
134	0.00(14)	0.00(14)	-8.16(14)	0.31(14)	-0.10(14)	0.00(14)
135	0.00(14)	0.00(14)	-7.98(14)	0.31(14)	-0.10(14)	0.00(14)
136	0.00(14)	0.00(14)	-7.80(14)	0.30(14)	-0.11(14)	0.00(14)
137	0.00(14)	0.00(14)	-7.34(14)	0.28(14)	-0.11(14)	0.00(14)
138	0.00(14)	0.00(14)	-7.10(14)	0.28(14)	-0.11(14)	0.00(14)
139	-0.12(14)	-0.27(14)	-8.90(14)	0.23(14)	-0.11(14)	-0.00(21-I-3)
140	-0.12(14)	-0.26(14)	-8.80(14)	0.23(14)	-0.11(14)	-0.00(21-I-3)
141	-0.12(14)	-0.26(14)	-8.63(14)	0.23(14)	-0.11(14)	-0.00(21-I-3)
142	-0.12(14)	-0.26(14)	-8.45(14)	0.23(14)	-0.11(14)	-0.00(21-I-3)
143	-0.11(14)	-0.26(14)	-8.11(14)	0.22(14)	-0.11(14)	-0.00(21-I-3)
144	-0.11(14)	-0.25(14)	-7.93(14)	0.22(14)	-0.11(14)	0.00(14)
145	-0.24(14)	-0.44(14)	-8.85(14)	-0.27(22-I-4)	-0.12(14)	-0.01(21-I-3)
146	-0.24(14)	-0.44(14)	-8.76(14)	-0.26(22-I-4)	-0.12(14)	-0.01(21-I-3)
147	-0.24(14)	-0.44(14)	-8.58(14)	-0.26(22-I-4)	-0.12(14)	-0.01(21-I-3)
148	-0.24(14)	-0.44(14)	-8.41(14)	-0.26(22-I-4)	-0.12(14)	-0.01(21-I-3)
149	-0.23(14)	-0.44(14)	-8.07(14)	-0.25(22-I-1)	-0.12(14)	-0.01(21-I-3)
150	-0.23(14)	-0.43(14)	-7.89(14)	-0.25(22-I-1)	-0.12(14)	-0.01(21-I-3)
151	-0.36(14)	0.66(22-I-4)	-8.81(14)	-0.35(22-I-4)	-0.12(14)	-0.01(21-I-3)
152	-0.36(14)	0.65(22-I-4)	-8.72(14)	-0.35(22-I-4)	-0.12(14)	-0.01(21-I-3)
153	-0.36(14)	0.64(22-I-4)	-8.54(14)	-0.34(22-I-4)	-0.12(14)	-0.01(21-I-3)
154	-0.36(14)	0.64(22-I-1)	-8.37(14)	-0.34(22-I-4)	-0.12(14)	-0.01(21-I-3)
155	-0.35(14)	0.63(22-I-1)	-8.03(14)	-0.33(22-I-1)	-0.12(14)	-0.01(21-I-3)
156	-0.35(14)	0.63(22-I-1)	-7.86(14)	-0.33(22-I-1)	-0.12(14)	-0.01(21-I-3)
157	-0.48(14)	1.05(22-I-4)	-8.77(14)	-0.41(22-I-4)	-0.11(14)	-0.02(21-I-3)
158	-0.48(14)	1.04(22-I-4)	-8.68(14)	-0.41(22-I-4)	-0.11(14)	-0.02(21-I-3)
159	-0.48(14)	1.03(22-I-4)	-8.50(14)	-0.41(22-I-4)	-0.11(14)	-0.02(21-I-3)
160	-0.48(14)	1.02(22-I-4)	-8.33(14)	-0.40(22-I-4)	-0.11(14)	-0.01(21-I-3)
161	-0.47(14)	1.00(22-I-1)	-7.99(14)	-0.40(22-I-4)	-0.12(14)	-0.01(21-I-3)
162	-0.47(14)	1.00(22-I-1)	-7.82(14)	-0.39(22-I-4)	-0.12(14)	-0.01(21-I-3)
163	-0.60(14)	1.50(22-I-4)	-8.73(14)	-0.46(22-I-4)	-0.11(14)	-0.02(21-I-3)
164	-0.60(14)	1.49(22-I-4)	-8.63(14)	-0.46(22-I-4)	-0.11(14)	-0.02(21-I-3)
165	-0.60(14)	1.47(22-I-4)	-8.46(14)	-0.46(22-I-4)	-0.11(14)	-0.02(21-I-3)
166	-0.60(14)	1.45(22-I-4)	-8.29(14)	-0.45(22-I-4)	-0.11(14)	-0.02(21-I-3)
167	-0.59(14)	1.43(22-I-1)	-7.95(14)	-0.44(22-I-4)	-0.12(14)	-0.02(21-I-3)
168	-0.59(14)	1.42(22-I-1)	-7.78(14)	-0.44(22-I-4)	-0.12(14)	-0.02(21-I-3)
169	-0.72(14)	1.99(22-I-4)	-8.68(14)	-0.50(22-I-4)	-0.11(14)	-0.02(21-I-3)
170	-0.72(14)	1.97(22-I-4)	-8.58(14)	-0.50(22-I-4)	-0.11(14)	-0.02(21-I-3)
171	-0.72(14)	1.95(22-I-4)	-8.41(14)	-0.50(22-I-4)	-0.11(14)	-0.02(21-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
172	-0.72(14)	1.93(22-I-4)	-8.23(14)	-0.49(22-I-4)	-0.11(14)	-0.02(21-I-3)
173	-0.71(14)	1.90(22-I-1)	-7.90(14)	-0.48(22-I-4)	-0.11(14)	-0.02(21-I-3)
174	-0.71(14)	1.88(22-I-1)	-7.72(14)	-0.48(22-I-4)	-0.11(14)	-0.02(21-I-3)
175	-0.84(14)	2.51(22-I-4)	-8.61(14)	-0.54(22-I-4)	-0.11(14)	-0.02(21-I-3)
176	-0.84(14)	2.49(22-I-4)	-8.52(14)	-0.54(22-I-4)	-0.11(14)	-0.02(21-I-3)
177	-0.84(14)	2.47(22-I-4)	-8.34(14)	-0.53(22-I-4)	-0.11(14)	-0.02(21-I-3)
178	-0.84(14)	2.45(22-I-4)	-8.17(14)	-0.53(22-I-4)	-0.11(14)	-0.02(21-I-3)
179	-0.84(14)	2.40(22-I-4)	-7.83(14)	-0.52(22-I-4)	-0.11(14)	-0.02(21-I-3)
180	-0.84(14)	2.38(22-I-1)	-7.66(14)	-0.51(22-I-4)	-0.11(14)	-0.02(21-I-3)
181	-0.90(14)	2.81(22-I-4)	-8.57(14)	-0.56(22-I-4)	-0.11(14)	-0.02(21-I-3)
182	-0.91(14)	2.80(22-I-4)	-8.47(14)	-0.56(22-I-4)	-0.11(14)	-0.02(21-I-3)
183	-0.91(14)	2.77(22-I-4)	-8.30(14)	-0.55(22-I-4)	-0.11(14)	-0.02(21-I-3)
184	-0.91(14)	2.74(22-I-4)	-8.12(14)	-0.55(22-I-4)	-0.11(14)	-0.02(21-I-3)
185	-0.91(14)	2.69(22-I-4)	-7.79(14)	-0.54(22-I-4)	-0.11(14)	-0.03(21-I-3)
186	-0.91(14)	2.66(22-I-1)	-7.62(14)	-0.53(22-I-4)	-0.11(14)	-0.03(21-I-3)
187	-1.09(14)	3.74(22-I-4)	-8.41(14)	-0.61(22-I-4)	-0.11(14)	-0.02(21-I-3)
188	-1.09(14)	3.73(22-I-4)	-8.31(14)	-0.61(22-I-4)	-0.11(14)	-0.02(21-I-3)
189	-1.10(14)	3.70(22-I-4)	-8.14(14)	-0.61(22-I-4)	-0.11(14)	-0.02(14)
190	-1.10(14)	3.68(22-I-4)	-7.95(14)	-0.62(22-I-4)	-0.11(14)	-0.03(21-I-3)
191	-1.11(14)	3.60(22-I-4)	-7.63(14)	-0.60(22-I-4)	-0.11(14)	-0.03(21-I-3)
192	-1.11(14)	3.56(22-I-4)	-7.47(14)	-0.59(22-I-4)	-0.11(14)	-0.03(18)
193	-0.11(14)	-0.24(14)	-7.75(14)	0.21(14)	-0.11(14)	0.00(14)
194	-0.11(14)	-0.23(14)	-7.30(14)	0.21(14)	-0.11(14)	-0.00(21-I-3)
195	-0.12(14)	-0.24(14)	-7.06(14)	0.21(14)	-0.11(14)	-0.01(21-I-3)
196	-0.23(14)	-0.42(14)	-7.71(14)	-0.25(22-I-2)	-0.12(14)	-0.01(21-I-3)
197	-0.23(14)	-0.41(14)	-7.26(14)	-0.24(22-I-2)	-0.12(14)	-0.01(21-I-3)
198	-0.24(14)	-0.42(14)	-7.03(14)	-0.24(22-I-2)	-0.12(14)	-0.02(21-I-3)
199	-0.35(14)	0.62(22-I-1)	-7.68(14)	-0.33(22-I-2)	-0.12(14)	-0.01(21-I-3)
200	-0.35(14)	0.61(22-I-2)	-7.23(14)	-0.32(22-I-2)	-0.12(14)	-0.01(21-I-3)
201	-0.36(14)	0.59(22-I-2)	-7.00(14)	-0.31(22-I-2)	-0.12(14)	-0.02(21-I-3)
202	-0.47(14)	0.99(22-I-2)	-7.64(14)	-0.39(22-I-2)	-0.12(14)	-0.01(21-I-3)
203	-0.47(14)	0.97(22-I-2)	-7.20(14)	-0.38(22-I-2)	-0.12(14)	-0.02(21-I-3)
204	-0.48(14)	0.94(22-I-2)	-6.96(14)	-0.37(22-I-2)	-0.12(14)	-0.03(21-I-3)
205	-0.59(14)	1.41(22-I-2)	-7.60(14)	-0.43(22-I-2)	-0.12(14)	-0.02(21-I-3)
206	-0.59(14)	1.37(22-I-2)	-7.16(14)	-0.42(22-I-2)	-0.12(14)	-0.02(21-I-3)
207	-0.60(14)	1.34(22-I-2)	-6.92(14)	-0.41(22-I-2)	-0.12(14)	-0.03(21-I-3)
208	-0.71(14)	1.86(22-I-2)	-7.55(14)	-0.47(22-I-4)	-0.11(14)	-0.02(21-I-3)
209	-0.72(14)	1.82(22-I-2)	-7.11(14)	-0.46(22-I-2)	-0.12(14)	-0.03(21-I-3)
210	-0.73(14)	1.77(22-I-2)	-6.87(14)	-0.45(22-I-2)	-0.12(14)	-0.03(21-I-3)
211	-0.84(14)	2.35(22-I-2)	-7.49(14)	-0.51(22-I-4)	-0.11(14)	-0.03(21-I-3)
212	-0.84(14)	2.29(22-I-2)	-7.05(14)	-0.49(22-I-3)	-0.12(14)	-0.03(21-I-3)
213	-0.85(14)	2.25(22-I-2)	-6.81(14)	-0.49(22-I-3)	-0.12(14)	-0.04(21-I-3)
214	-0.91(14)	2.64(22-I-2)	-7.45(14)	-0.53(22-I-4)	-0.11(14)	-0.03(21-I-3)
215	-0.91(14)	2.57(22-I-2)	-7.01(14)	-0.51(22-I-3)	-0.11(14)	-0.03(21-I-3)
216	-0.92(14)	2.52(22-I-2)	-6.77(14)	-0.50(22-I-3)	-0.12(14)	-0.04(21-I-3)
217	-1.11(14)	3.53(22-I-2)	-7.30(14)	-0.59(22-I-4)	-0.11(14)	-0.03(21-I-3)
218	-1.12(14)	3.42(22-I-2)	-6.87(14)	-0.57(22-I-4)	-0.11(14)	-0.04(21-I-3)
219	-1.12(14)	3.36(22-I-2)	-6.63(14)	-0.56(22-I-4)	-0.12(14)	-0.04(21-I-3)
220	-1.03(14)	3.46(22-I-4)	-14.07(14)	-0.59(14)	-0.19(14)	-0.03(14)
221	-1.05(14)	3.43(22-I-4)	-13.77(14)	-0.57(14)	-0.22(14)	-0.03(21-I-3)
222	-1.00(14)	3.20(22-I-4)	-14.79(14)	-0.09(22-I-3)	-0.23(14)	-0.03(21-I-3)
223	-1.06(14)	3.40(22-I-4)	-13.39(14)	-0.56(14)	-0.24(14)	-0.03(21-I-3)
224	-1.02(14)	3.17(22-I-4)	-14.39(14)	-0.09(22-I-3)	-0.27(14)	-0.03(21-I-3)
225	-1.06(14)	3.37(22-I-4)	-13.06(14)	-0.54(14)	-0.25(14)	-0.03(21-I-3)
226	-0.93(14)	2.95(22-I-4)	-13.78(14)	0.47(14)	-0.24(14)	-0.03(21-I-3)
227	-1.01(14)	3.21(22-I-2)	-11.25(14)	-0.42(14)	-0.22(14)	-0.04(14)
228	-0.96(14)	3.04(22-I-2)	-12.00(14)	-0.12(22-I-4)	-0.24(14)	-0.03(21-I-3)
229	-0.88(14)	2.88(22-I-2)	-11.58(14)	0.32(14)	-0.22(14)	-0.02(21-I-3)
230	-1.03(14)	3.26(22-I-2)	-11.74(14)	-0.45(14)	-0.24(14)	-0.03(21-I-3)
231	-0.98(14)	3.07(22-I-2)	-12.54(14)	-0.11(22-I-4)	-0.27(14)	-0.03(21-I-3)
232	-0.90(14)	2.89(22-I-2)	-12.07(14)	0.35(14)	-0.24(14)	-0.02(21-I-3)
233	-1.06(14)	3.34(22-I-2)	-12.71(14)	-0.51(14)	-0.26(14)	-0.03(21-I-3)

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
234	-1.01(14)	3.12(22-I-2)	-13.62(14)	-0.10(22-I-3)	-0.28(14)	-0.03(21-I-3)
235	-0.93(14)	2.91(22-I-2)	-12.99(14)	0.42(14)	-0.26(14)	-0.03(21-I-3)
236	-1.02(14)	3.14(22-I-4)	-13.98(14)	-0.10(22-I-3)	-0.28(14)	-0.03(21-I-3)
237	-0.93(14)	2.93(22-I-4)	-13.39(14)	0.45(14)	-0.25(14)	-0.03(21-I-3)
238	0.00(14)	0.00(14)	-6.35(14)	0.31(14)	-0.08(14)	0.00(14)
239	0.00(14)	0.00(14)	-4.97(14)	-0.10(22-I-4)	-0.07(14)	0.00(14)
240	0.00(14)	0.00(14)	-6.01(14)	-0.35(22-I-3)	-0.06(14)	0.00(14)
241	0.00(14)	0.00(14)	-5.37(14)	-0.07(22-I-2)	-0.03(14)	0.00(14)
242	0.00(14)	0.00(14)	-6.32(14)	-0.33(14)	0.07(21-I-3)	0.00(14)
243	0.00(14)	0.00(14)	-6.47(14)	0.32(14)	-0.08(14)	0.00(14)
244	0.00(14)	0.00(14)	-5.42(14)	-0.06(22-I-2)	-0.03(21-II-1)	0.00(14)
245	0.00(14)	0.00(14)	-6.18(14)	0.30(14)	-0.08(14)	0.00(14)
246	0.00(14)	0.00(14)	-5.35(14)	-0.07(22-I-2)	-0.04(14)	0.00(14)
247	0.00(14)	0.00(14)	-6.30(14)	-0.34(22-I-3)	0.06(21-I-3)	0.00(14)
248	0.00(14)	0.00(14)	-6.00(14)	0.28(14)	-0.08(14)	0.00(14)
249	0.00(14)	0.00(14)	-6.33(14)	-0.34(22-I-3)	0.06(21-I-3)	0.00(14)
250	0.00(14)	0.00(14)	-6.30(14)	0.31(14)	-0.08(14)	0.00(14)
251	0.00(14)	0.00(14)	-5.30(14)	-0.08(22-I-2)	-0.04(14)	0.00(14)
252	0.00(14)	0.00(14)	-5.26(14)	-0.08(22-I-3)	-0.04(14)	0.00(14)
253	0.00(14)	0.00(14)	-6.28(14)	-0.35(22-I-3)	0.05(21-I-3)	0.00(14)
254	0.00(14)	0.00(14)	-4.77(18)	-0.10(22-I-4)	-0.09(14)	0.00(14)
255	0.00(14)	0.00(14)	-5.39(18)	0.24(14)	-0.10(14)	0.00(14)
256	0.00(14)	0.00(14)	-4.86(17)	-0.10(22-I-4)	-0.08(14)	0.00(14)
257	0.00(14)	0.00(14)	-5.53(14)	0.25(14)	-0.09(14)	0.00(14)
258	0.00(14)	0.00(14)	-5.76(14)	-0.36(22-I-4)	-0.08(14)	0.00(14)
259	0.00(14)	0.00(14)	-5.91(14)	-0.36(22-I-4)	-0.07(14)	0.00(14)
260	0.00(14)	0.00(14)	-6.15(14)	-0.35(22-I-3)	-0.05(14)	0.00(14)
261	0.00(14)	0.00(14)	-5.81(14)	0.26(14)	-0.08(14)	0.00(14)
262	0.00(14)	0.00(14)	-6.10(14)	-0.35(22-I-3)	-0.06(14)	0.00(14)
263	0.00(14)	0.00(14)	-5.07(14)	-0.09(22-I-4)	-0.06(14)	0.00(14)
264	0.00(14)	0.00(14)	-5.88(14)	0.27(14)	-0.08(14)	0.00(14)
265	0.00(14)	0.00(14)	-6.22(14)	-0.35(22-I-3)	0.05(21-I-3)	0.00(14)
266	0.00(14)	0.00(14)	-5.11(14)	-0.09(22-I-4)	-0.06(14)	0.00(14)
267	0.00(14)	0.00(14)	-5.19(14)	-0.09(22-I-3)	-0.05(14)	0.00(14)
268	0.00(14)	0.00(14)	-6.96(14)	0.38(14)	-0.09(14)	0.00(14)
269	0.00(14)	0.00(14)	-5.48(14)	0.05(18)	-0.03(21-II-1)	0.00(14)
270	0.00(14)	0.00(14)	-5.51(14)	0.08(14)	0.03(21-I-1)	0.00(14)
271	0.00(14)	0.00(14)	-6.81(14)	0.36(14)	-0.09(14)	0.00(14)
272	0.00(14)	0.00(14)	-5.53(14)	0.12(14)	0.03(21-I-1)	0.00(14)
273	0.00(14)	0.00(14)	-6.15(14)	-0.26(22-I-3)	0.08(21-I-3)	0.00(14)
274	0.00(14)	0.00(14)	-6.67(14)	0.35(14)	-0.08(14)	0.00(14)
275	0.00(14)	0.00(14)	-6.24(14)	-0.31(14)	0.08(21-I-3)	0.00(14)
276	0.00(14)	0.00(14)	-6.60(14)	0.34(14)	-0.08(14)	0.00(14)
277	0.00(14)	0.00(14)	-5.45(14)	-0.05(22-I-2)	-0.03(21-II-1)	0.00(14)
278	0.00(14)	0.00(14)	-6.28(14)	-0.32(14)	0.08(21-I-3)	0.00(14)
279	-1.09(14)	3.79(22-I-4)	-8.87(14)	-0.61(22-I-4)	-0.11(14)	-0.02(21-I-3)
280	0.00(14)	0.00(14)	-9.43(14)	0.35(14)	-0.12(14)	0.00(14)
281	-0.12(14)	-0.27(14)	-9.35(14)	0.23(14)	-0.12(14)	-0.01(21-I-3)
282	-0.49(14)	1.10(22-I-4)	-9.21(14)	-0.42(22-I-4)	-0.12(14)	-0.02(21-I-3)
283	-0.61(14)	1.55(22-I-4)	-9.17(14)	-0.47(22-I-4)	-0.11(14)	-0.02(21-I-3)
284	-0.25(14)	-0.43(14)	-9.30(14)	-0.28(22-I-4)	-0.12(14)	-0.01(21-I-3)
285	-0.37(14)	0.70(22-I-4)	-9.25(14)	-0.36(22-I-4)	-0.12(14)	-0.01(21-I-3)
286	-0.73(14)	2.04(22-I-4)	-9.12(14)	-0.50(22-I-4)	-0.11(14)	-0.02(21-I-3)
287	-0.84(14)	2.56(22-I-4)	-9.06(14)	-0.54(22-I-4)	-0.11(14)	-0.02(21-I-3)
288	-0.90(14)	2.86(22-I-4)	-9.02(14)	-0.55(22-I-4)	-0.11(14)	-0.02(21-I-3)
289	0.00(14)	0.00(14)	-7.04(14)	0.39(14)	-0.10(14)	0.00(14)
290	-1.08(14)	3.80(22-I-4)	-9.05(14)	-0.60(22-I-4)	-0.10(14)	-0.02(21-I-3)
291	-0.61(14)	1.57(22-I-4)	-9.35(14)	-0.47(22-I-4)	-0.11(14)	-0.02(21-I-3)
292	-0.73(14)	2.06(22-I-4)	-9.30(14)	-0.50(22-I-4)	-0.11(14)	-0.02(21-I-3)
293	-0.25(14)	-0.42(14)	-9.48(14)	-0.28(22-I-4)	-0.12(14)	-0.01(21-I-3)
294	-0.37(14)	0.71(22-I-4)	-9.43(14)	-0.36(22-I-4)	-0.12(14)	-0.01(21-I-3)
295	-0.90(14)	2.88(22-I-4)	-9.19(14)	-0.55(22-I-4)	-0.10(14)	-0.02(21-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
296	0.00(14)	0.00(14)	-9.61(14)	0.35(14)	-0.13(14)	0.00(14)
297	-0.13(14)	-0.26(14)	-9.54(14)	0.22(14)	-0.13(14)	-0.01(21-I-3)
298	-0.49(14)	1.11(22-I-4)	-9.39(14)	-0.42(22-I-4)	-0.12(14)	-0.01(21-I-3)
299	-0.84(14)	2.58(22-I-4)	-9.23(14)	-0.54(22-I-4)	-0.11(14)	-0.02(21-I-3)
300	0.00(14)	0.00(14)	-7.21(14)	0.40(14)	-0.10(14)	0.00(14)
301	-0.93(14)	2.48(22-I-2)	-6.65(18)	-0.50(22-I-3)	-0.12(14)	-0.04(14)
302	-0.86(14)	2.21(22-I-2)	-6.68(18)	-0.49(22-I-3)	-0.12(14)	-0.04(14)
303	-1.14(14)	3.33(22-I-2)	-6.50(18)	-0.57(22-I-4)	-0.13(14)	-0.07(14)
304	-1.00(14)	3.17(22-I-2)	-10.98(14)	-0.38(14)	-0.20(14)	-0.03(21-I-3)
305	-0.94(14)	3.03(22-I-2)	-11.71(14)	-0.12(22-I-4)	-0.22(14)	-0.03(21-I-3)
306	0.32(21-I-3)	1.85(22-I-3)	-7.66(14)	-0.39(22-I-2)	0.08(21-I-3)	0.02(14)
307	0.40(21-I-3)	2.23(22-I-2)	-7.61(14)	-0.33(22-I-2)	0.08(21-I-3)	0.02(14)
308	0.48(21-I-3)	2.53(22-I-2)	-7.56(14)	-0.26(22-I-2)	0.08(21-I-3)	0.02(14)
309	0.56(21-I-3)	2.75(22-I-2)	-7.50(14)	0.23(14)	-0.08(14)	0.02(14)
310	-0.61(14)	1.31(22-I-2)	-6.77(14)	-0.41(22-I-2)	-0.12(14)	-0.04(17)
311	-0.48(14)	0.91(22-I-2)	-6.82(14)	-0.37(22-I-2)	-0.12(14)	-0.03(21-I-3)
312	-0.73(14)	1.74(22-I-2)	-6.73(18)	-0.45(22-I-2)	-0.12(14)	-0.04(14)
313	0.00(14)	0.00(14)	-5.32(18)	0.24(14)	-0.11(14)	0.00(14)
314	0.24(21-I-3)	1.43(22-I-3)	-7.70(14)	-0.43(22-I-2)	0.08(21-I-3)	0.02(14)
315	0.16(21-I-3)	0.97(22-I-3)	-7.74(14)	-0.46(22-I-3)	0.08(21-I-3)	0.02(14)
316	0.00(14)	0.00(14)	-6.96(14)	0.28(14)	-0.10(14)	0.00(14)
317	-0.12(14)	-0.25(14)	-6.92(14)	0.21(14)	-0.11(14)	-0.02(22-I-4)
318	0.73(21-I-3)	2.84(22-I-2)	-7.32(14)	0.50(14)	-0.08(14)	0.03(14)
319	-0.86(14)	2.89(22-I-2)	-11.32(14)	0.28(14)	-0.20(14)	-0.03(21-I-3)
320	-0.24(14)	-0.43(14)	-6.89(14)	-0.23(22-I-2)	-0.12(14)	-0.03(21-I-2)
321	-0.36(14)	0.57(22-I-2)	-6.85(14)	-0.31(22-I-2)	-0.12(14)	-0.03(21-I-3)
322	0.00(14)	0.00(14)	-7.85(14)	-0.48(22-I-3)	0.07(21-I-3)	0.00(14)
323	0.00(14)	0.00(14)	-5.69(17)	-0.36(22-I-4)	-0.08(14)	0.00(14)
324	0.61(21-I-3)	2.83(22-I-2)	-7.47(14)	0.29(14)	-0.08(14)	0.02(14)
325	0.08(21-I-3)	0.49(22-I-3)	-7.79(14)	-0.48(22-I-3)	0.08(21-I-3)	0.02(14)
326	0.00(14)	0.00(14)	-4.71(18)	-0.10(22-I-4)	-0.10(14)	0.00(14)
327	0.00(14)	0.00(14)	-7.31(14)	0.41(14)	-0.10(14)	0.00(14)
328	0.00(14)	0.00(14)	-9.80(14)	0.34(14)	-0.15(14)	0.00(14)
329	-0.13(14)	-0.26(14)	-9.73(14)	0.22(14)	-0.13(14)	-0.00(21-I-3)
330	-0.25(14)	-0.42(14)	-9.67(14)	-0.28(22-I-4)	-0.12(14)	-0.01(21-I-3)
331	-0.37(14)	0.73(22-I-4)	-9.62(14)	-0.36(22-I-4)	-0.12(14)	-0.01(21-I-3)
332	-0.90(14)	2.89(22-I-4)	-9.36(14)	-0.55(22-I-4)	-0.10(14)	-0.02(21-I-3)
333	-1.08(14)	3.81(22-I-4)	-9.21(14)	-0.60(22-I-4)	-0.09(14)	-0.02(18)
334	-0.73(14)	2.07(22-I-4)	-9.47(14)	-0.50(22-I-4)	-0.11(14)	-0.01(21-I-3)
335	-0.84(14)	2.59(22-I-4)	-9.40(14)	-0.54(22-I-4)	-0.11(14)	-0.02(21-I-3)
336	-0.49(14)	1.13(22-I-4)	-9.57(14)	-0.42(22-I-4)	-0.12(14)	-0.01(21-I-3)
337	-0.61(14)	1.58(22-I-4)	-9.52(14)	-0.47(22-I-4)	-0.11(14)	-0.01(21-I-3)
338	-0.48(14)	1.13(22-I-4)	-9.78(14)	-0.42(22-I-4)	-0.12(14)	0.02(14)
339	-0.60(14)	1.58(22-I-4)	-9.73(14)	-0.47(22-I-4)	-0.12(14)	0.02(14)
340	-0.36(14)	0.73(22-I-4)	-9.84(14)	-0.36(22-I-4)	-0.12(14)	0.02(14)
341	-0.71(14)	2.07(22-I-4)	-9.66(14)	-0.50(22-I-4)	-0.11(14)	0.02(14)
342	-0.83(14)	2.60(22-I-4)	-9.58(14)	-0.54(22-I-4)	-0.11(14)	0.02(14)
343	-1.00(14)	3.83(22-I-4)	-9.32(14)	-0.62(14)	-0.05(21-II-1)	0.05(14)
344	-0.12(14)	-0.27(14)	-9.96(14)	0.22(14)	-0.13(14)	0.02(14)
345	-0.24(14)	-0.44(14)	-9.90(14)	-0.28(22-I-4)	-0.12(14)	0.02(14)
346	0.00(14)	0.00(14)	-10.03(14)	0.31(14)	-0.16(14)	0.00(14)
347	-0.89(14)	2.90(22-I-4)	-9.53(14)	-0.55(22-I-4)	-0.10(14)	0.01(14)
348	0.49(21-I-3)	2.53(22-I-2)	-7.82(14)	-0.27(22-I-2)	0.08(21-I-3)	-0.01(22-I-4)
349	0.00(14)	0.00(14)	-5.54(14)	0.15(14)	-0.03(21-II-1)	0.00(14)
350	-0.93(14)	2.97(22-I-4)	-13.98(14)	0.48(14)	-0.23(14)	-0.03(21-I-3)
351	-0.99(14)	3.22(22-I-4)	-14.99(14)	-0.09(22-I-3)	-0.22(14)	-0.03(21-I-3)
352	-0.98(14)	3.25(22-I-4)	-15.31(14)	-0.10(22-I-3)	-0.20(14)	-0.03(21-I-3)
353	-0.92(14)	3.00(22-I-4)	-14.33(14)	0.49(14)	-0.22(14)	-0.03(21-I-3)
354	-0.96(14)	3.30(22-I-4)	-15.57(14)	-0.11(22-I-3)	-0.17(14)	-0.03(21-I-3)
355	-0.92(14)	3.04(22-I-4)	-14.66(14)	0.49(14)	-0.21(14)	-0.04(14)
356	-1.02(14)	3.48(22-I-4)	-14.23(14)	-0.59(14)	-0.17(14)	-0.03(21-I-3)
357	-1.00(14)	3.52(22-I-4)	-14.47(14)	-0.60(14)	-0.14(14)	-0.02(21-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Nodo	Trasl. X	Trasl. Y	Trasl. Z	Rotaz. X	Rotaz. Y	Rotaz. Z
358	-0.98(14)	3.56(22-I-4)	-14.66(14)	-0.61(14)	-0.11(14)	-0.02(21-I-3)
359	-0.92(14)	3.06(22-I-4)	-14.84(14)	0.48(14)	-0.21(14)	-0.04(21-I-3)
360	-0.96(14)	3.32(22-I-4)	-15.70(14)	-0.11(22-I-3)	-0.15(14)	-0.03(21-I-3)
361	-0.96(14)	3.37(22-I-4)	-15.92(14)	-0.13(22-I-3)	-0.15(14)	-0.03(21-I-3)
362	-0.93(14)	3.11(22-I-4)	-15.15(14)	0.46(14)	-0.21(14)	-0.04(14)
363	-0.96(14)	3.42(22-I-4)	-16.12(14)	-0.17(14)	-0.14(14)	-0.03(21-I-3)
364	-0.94(14)	3.17(22-I-4)	-15.49(14)	0.42(14)	-0.22(14)	-0.04(14)
365	-0.98(14)	3.58(22-I-4)	-14.74(14)	-0.62(14)	-0.10(14)	-0.02(21-I-3)
366	-0.97(14)	3.61(22-I-4)	-14.87(14)	-0.63(14)	-0.09(21-II-1)	-0.02(21-I-3)
367	-0.98(14)	3.64(22-I-4)	-14.98(14)	-0.65(14)	-0.09(21-II-1)	-0.02(21-I-3)
368	-0.96(14)	3.27(22-I-4)	-15.94(14)	0.29(14)	-0.25(14)	-0.04(14)
369	-0.99(14)	3.48(22-I-4)	-16.39(14)	-0.24(14)	-0.17(14)	-0.05(14)
370	-1.02(14)	3.68(22-I-4)	-15.13(14)	-0.65(14)	-0.11(14)	-0.03(21-I-3)
371	0.00(14)	0.00(14)	-6.12(14)	0.29(14)	-0.08(14)	0.00(14)
372	0.00(14)	0.00(14)	-5.67(14)	0.26(14)	-0.09(14)	0.00(14)
373	-0.11(14)	-0.24(14)	-7.47(14)	0.21(14)	-0.11(14)	-0.00(21-I-3)
374	-0.23(14)	-0.41(14)	-7.44(14)	-0.25(22-I-2)	-0.12(14)	-0.01(21-I-3)
375	-0.35(14)	0.62(22-I-2)	-7.41(14)	-0.32(22-I-2)	-0.12(14)	-0.01(21-I-3)
376	-0.47(14)	0.98(22-I-2)	-7.37(14)	-0.38(22-I-2)	-0.12(14)	-0.01(21-I-3)
377	-0.59(14)	1.39(22-I-2)	-7.33(14)	-0.43(22-I-2)	-0.12(14)	-0.02(21-I-3)
378	-0.84(14)	2.32(22-I-2)	-7.22(14)	-0.50(22-I-3)	-0.12(14)	-0.03(21-I-3)
379	-0.91(14)	2.60(22-I-2)	-7.18(14)	-0.52(22-I-3)	-0.11(14)	-0.03(21-I-3)
380	0.00(14)	0.00(14)	-7.52(14)	0.29(14)	-0.11(14)	0.00(14)
381	-1.11(14)	3.47(22-I-2)	-7.04(14)	-0.58(22-I-4)	-0.11(14)	-0.03(21-I-3)
382	-0.71(14)	1.84(22-I-2)	-7.29(14)	-0.46(22-I-3)	-0.12(14)	-0.02(21-I-3)
383	-0.11(14)	-0.24(14)	-7.65(14)	0.21(14)	-0.11(14)	-0.00(21-I-3)
384	-0.23(14)	-0.41(14)	-7.62(14)	-0.25(22-I-2)	-0.12(14)	-0.01(21-I-3)
385	-0.35(14)	0.62(22-I-2)	-7.58(14)	-0.33(22-I-2)	-0.12(14)	-0.01(21-I-3)
386	-0.47(14)	0.99(22-I-2)	-7.55(14)	-0.38(22-I-2)	-0.12(14)	-0.01(21-I-3)
387	-0.59(14)	1.40(22-I-2)	-7.51(14)	-0.43(22-I-2)	-0.12(14)	-0.02(21-I-3)
388	-0.71(14)	1.85(22-I-2)	-7.46(14)	-0.47(22-I-3)	-0.12(14)	-0.02(21-I-3)
389	-0.84(14)	2.34(22-I-2)	-7.39(14)	-0.51(22-I-3)	-0.11(14)	-0.03(21-I-3)
390	-0.91(14)	2.63(22-I-2)	-7.35(14)	-0.52(22-I-3)	-0.11(14)	-0.03(21-I-3)
391	0.00(14)	0.00(14)	-7.70(14)	0.29(14)	-0.10(14)	0.00(14)
392	-1.11(14)	3.50(22-I-2)	-7.21(14)	-0.58(22-I-4)	-0.11(14)	-0.03(21-I-3)
393	-0.35(14)	0.63(22-I-1)	-8.12(14)	-0.33(22-I-4)	-0.12(14)	-0.01(21-I-3)
394	-0.47(14)	1.01(22-I-1)	-8.08(14)	-0.40(22-I-4)	-0.12(14)	-0.01(21-I-3)
395	-0.59(14)	1.43(22-I-1)	-8.04(14)	-0.45(22-I-4)	-0.11(14)	-0.02(21-I-3)
396	-0.71(14)	1.90(22-I-4)	-7.99(14)	-0.49(22-I-4)	-0.11(14)	-0.02(21-I-3)
397	-0.84(14)	2.41(22-I-4)	-7.92(14)	-0.52(22-I-4)	-0.11(14)	-0.02(21-I-3)
398	-0.91(14)	2.71(22-I-4)	-7.88(14)	-0.54(22-I-4)	-0.11(14)	-0.03(21-I-3)
399	-1.10(14)	3.62(22-I-4)	-7.72(14)	-0.61(22-I-4)	-0.11(14)	-0.03(21-I-3)
400	0.00(14)	0.00(14)	-8.26(14)	0.32(14)	-0.10(14)	0.00(14)
401	-0.12(14)	-0.26(14)	-8.20(14)	0.23(14)	-0.11(14)	-0.00(21-I-3)
402	-0.23(14)	-0.44(14)	-8.16(14)	-0.25(22-I-1)	-0.12(14)	-0.01(21-I-3)
403	-0.36(14)	0.64(22-I-1)	-8.30(14)	-0.34(22-I-4)	-0.12(14)	-0.01(21-I-3)
404	-0.48(14)	1.02(22-I-1)	-8.26(14)	-0.40(22-I-4)	-0.12(14)	-0.01(21-I-3)
405	-0.60(14)	1.45(22-I-4)	-8.21(14)	-0.45(22-I-4)	-0.11(14)	-0.02(21-I-3)
406	-0.72(14)	1.92(22-I-4)	-8.16(14)	-0.49(22-I-4)	-0.11(14)	-0.02(21-I-3)
407	-0.84(14)	2.44(22-I-4)	-8.09(14)	-0.53(22-I-4)	-0.11(14)	-0.02(21-I-3)
408	-0.91(14)	2.73(22-I-4)	-8.05(14)	-0.55(22-I-4)	-0.11(14)	-0.03(21-I-3)
409	-1.10(14)	3.66(22-I-4)	-7.88(14)	-0.61(22-I-4)	-0.11(14)	-0.03(21-I-3)
410	-0.24(14)	-0.44(14)	-8.34(14)	-0.26(22-I-1)	-0.12(14)	-0.01(21-I-3)
411	-0.12(14)	-0.26(14)	-8.38(14)	0.23(14)	-0.11(14)	-0.00(21-I-3)
412	0.00(14)	0.00(14)	-8.44(14)	0.33(14)	-0.10(14)	0.00(14)

Risultati Analisi Dinamica - Sollecitazioni Massime - Muri discretizzati

Scenario di calcolo : **ScenarioNT_2018 A2_SLV_SLD_STR_GEO**

Muro	Pann.	Sxx kg/cmq	Syy kg/cmq	Sxy kg/cmq	Mxx kg*m/m	Myy kg*m/m	Mxy kg*m/m
1	1	-33.78(2)	-4.68(2)	-7.12(2)	202429(11-II-4)	18165(11-II-4)	27026(2)
1	2	-20.59(2)	-3.17(2)	-3.60(12-II-3)	178589(11-II-4)	21240(11-II-4)	19549(2)
1	3	-16.98(2)	-2.50(2)	-2.76(12-II-3)	181580(11-II-4)	21643(11-II-4)	17141(2)
1	4	-15.22(2)	-2.19(2)	-2.36(12-II-3)	184151(11-II-4)	22217(11-II-4)	14946(2)
1	5	-32.92(2)	-1.73(2)	-4.55(2)	181306(11-II-4)	7253(11-II-4)	16559(2)
1	6	-21.07(2)	-3.96(2)	-4.50(2)	171934(11-II-4)	16536(11-II-4)	20846(2)
1	7	-17.55(2)	-3.06(2)	-3.07(12-II-3)	169666(11-II-4)	18198(11-II-4)	16957(2)
1	8	-15.54(2)	-2.58(2)	-2.47(12-II-3)	171398(11-II-4)	19136(11-II-4)	15531(2)
1	9	-29.95(2)	-0.91(2)	-2.99(2)	164872(11-II-4)	3884(11-II-4)	11489(2)
1	10	-21.99(2)	-3.03(2)	-4.31(12-II-3)	161750(11-II-4)	11045(11-II-4)	18922(2)
1	11	-18.09(2)	-3.13(2)	-3.36(12-II-3)	158985(11-II-4)	14906(11-II-4)	17377(2)
1	12	-15.88(2)	-2.78(2)	-2.65(12-II-3)	159243(11-II-4)	16381(11-II-4)	16015(5)
1	13	-27.70(2)	-0.52(2)	-2.08(2)	151269(11-II-4)	2240(11-II-4)	8999(5)
1	14	-22.30(2)	-2.17(2)	-3.77(12-II-3)	150643(11-II-4)	7604(11-II-4)	16950(5)
1	15	-18.53(2)	-2.82(2)	-3.40(12-II-3)	148861(13-II-4)	11783(11-II-4)	17376(5)
1	16	-16.20(2)	-2.78(2)	-2.78(12-II-3)	149333(2)	13920(11-II-4)	16397(5)
2	1	-14.22(2)	-1.97(2)	-1.86(12-II-3)	185857(11-II-4)	22560(11-II-4)	16058(2)
2	2	-13.04(2)	-1.85(2)	-1.97(12-II-3)	185168(11-II-4)	22853(11-II-4)	15335(5)
2	3	-12.20(2)	-1.76(2)	1.54(10-I-3)	186114(11-II-4)	23069(11-II-4)	12433(5)
2	4	-12.07(2)	-1.66(2)	1.53(10-I-3)	188987(11-II-4)	23206(11-II-4)	11514(5)
2	5	-14.33(2)	-2.28(2)	-2.08(12-II-3)	172249(11-II-4)	19761(11-II-4)	15635(5)
2	6	-13.25(2)	-2.20(2)	-1.90(12-II-3)	172296(11-II-4)	20503(11-II-4)	14926(5)
2	7	-12.46(2)	-2.12(2)	-1.51(12-II-3)	173126(11-II-4)	20870(11-II-4)	12969(5)
2	8	-12.10(2)	-1.91(2)	1.57(10-I-3)	174754(11-II-4)	20825(11-II-4)	12246(5)
2	9	-14.51(2)	-2.53(2)	-2.22(12-II-3)	159792(11-II-4)	17356(11-II-4)	15582(5)
2	10	-13.47(2)	-2.43(2)	-1.94(12-II-3)	160034(11-II-4)	18122(11-II-4)	14783(5)
2	11	-12.68(2)	-2.32(2)	-1.63(12-II-3)	160624(11-II-4)	18598(11-II-4)	13534(5)
2	12	-12.16(2)	-2.16(2)	1.59(10-I-3)	161586(11-II-4)	18805(11-II-4)	12862(5)
2	13	-14.74(2)	-2.65(2)	-2.33(12-II-3)	150060(2)	15109(11-II-4)	15665(5)
2	14	-13.69(2)	-2.55(2)	-2.02(12-II-3)	150242(2)	15931(11-II-4)	14867(5)
2	15	-12.87(2)	-2.46(2)	-1.72(12-II-3)	150500(2)	16513(11-II-4)	13926(5)
2	16	-12.26(2)	-2.34(2)	1.61(10-I-3)	150860(2)	16952(13-II-4)	13305(4)
3	1	-11.72(4)	-1.58(2)	1.65(10-I-3)	189787(11-II-4)	23353(11-II-4)	13608(4)
3	2	-11.02(4)	-1.54(2)	1.64(10-I-3)	188473(11-II-4)	23526(11-II-4)	13465(4)
3	3	-10.74(4)	-1.52(2)	2.02(10-I-3)	189152(11-II-4)	23641(11-II-4)	11108(4)
3	4	-11.11(4)	-1.48(4)	1.96(10-I-3)	191896(11-II-1)	23720(11-II-4)	10816(4)
3	5	-11.70(4)	-1.81(2)	1.63(10-I-3)	175430(11-II-4)	21050(11-II-4)	13182(4)
3	6	-11.16(4)	-1.85(2)	1.74(10-I-3)	175153(11-II-4)	21582(11-II-4)	13101(4)
3	7	-10.91(4)	-1.81(2)	1.94(10-I-3)	175824(11-II-4)	21759(11-II-4)	11690(4)
3	8	-11.08(4)	-1.63(2)	2.01(10-I-3)	177452(11-II-1)	21609(11-II-4)	11544(4)
3	9	-11.72(4)	-2.06(2)	1.67(10-I-3)	162225(11-II-4)	19109(11-II-4)	13099(4)
3	10	-11.28(4)	-2.05(2)	1.78(10-I-3)	162508(11-II-4)	19538(11-II-4)	12973(4)
3	11	-11.04(4)	-1.98(2)	1.93(10-I-3)	163077(11-II-1)	19767(11-II-4)	12309(4)
3	12	-11.05(4)	-1.82(2)	2.00(10-I-3)	164211(11-II-1)	19844(11-II-1)	12131(4)
3	13	-11.77(4)	-2.26(2)	1.71(10-I-3)	150840(2)	17337(13-II-4)	13271(4)
3	14	-11.38(4)	-2.21(2)	1.82(10-I-3)	150439(11-II-4)	17704(13-II-4)	13102(4)
3	15	-11.13(4)	-2.13(2)	1.93(10-I-3)	151153(11-II-1)	17949(13-II-4)	12746(4)
3	16	-11.03(4)	-2.00(2)	1.99(10-I-3)	152036(11-II-1)	18139(11-II-1)	12554(4)
4	1	-11.32(4)	-1.41(4)	2.05(10-I-3)	192809(11-II-1)	23818(11-II-1)	13269(4)
4	2	-11.20(4)	-1.41(4)	1.95(10-I-3)	191693(11-II-1)	24002(11-II-1)	13079(4)
4	3	-11.05(4)	-1.42(4)	2.07(10-I-3)	192095(11-II-1)	24062(11-II-1)	11057(4)
4	4	-10.97(4)	-1.40(4)	1.87(10-I-3)	194040(11-II-1)	24003(11-II-1)	10458(4)
4	5	-11.12(4)	-1.55(2)	2.01(10-I-3)	178283(11-II-1)	21726(11-II-1)	12450(4)
4	6	-11.08(4)	-1.53(2)	2.01(10-I-3)	178347(11-II-1)	22132(11-II-1)	12435(4)
4	7	-10.97(4)	-1.53(2)	1.98(10-I-3)	178766(11-II-1)	22214(11-II-1)	11751(4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
4	8	-10.84(4)	-1.52(2)	1.94(10-I-3)	179517(11-II-1)	21974(11-II-1)	11573(4)
4	9	-11.02(4)	-1.74(2)	2.01(10-I-3)	164997(11-II-1)	19998(11-II-1)	12314(4)
4	10	-10.97(4)	-1.70(2)	2.01(10-I-3)	165367(11-II-1)	20159(11-II-1)	12316(4)
4	11	-10.88(4)	-1.68(2)	1.99(10-I-3)	165738(11-II-1)	20258(11-II-1)	12199(4)
4	12	-10.76(4)	-1.67(2)	1.96(10-I-3)	166145(11-II-1)	20294(11-II-1)	12129(4)
4	13	-10.95(4)	-1.91(2)	2.01(10-I-3)	152699(11-II-1)	18307(11-II-1)	12523(4)
4	14	-10.89(4)	-1.87(2)	2.01(10-I-3)	153094(11-II-1)	18438(11-II-1)	12495(4)
4	15	-10.80(4)	-1.84(2)	1.99(10-I-3)	153459(11-II-1)	18552(11-II-1)	12429(4)
4	16	-10.69(4)	-1.82(2)	1.98(10-I-3)	153805(11-II-1)	18646(11-II-1)	12349(4)
5	1	-10.91(4)	-2.07(2)	2.01(10-I-3)	145922(13-II-1)	17415(13-II-1)	12757(4)
5	2	-10.83(4)	-2.02(2)	2.01(10-I-3)	146110(13-II-1)	17499(13-II-1)	12684(4)
5	3	-10.74(4)	-1.99(2)	2.01(10-I-3)	146278(13-II-1)	17577(13-II-1)	12594(4)
5	4	-10.64(4)	-1.96(2)	2.00(10-I-3)	146430(13-II-1)	17649(13-II-1)	12479(4)
5	5	-10.88(4)	-2.20(2)	2.02(10-I-3)	141031(13-II-1)	16648(13-II-1)	12921(4)
5	6	-10.79(4)	-2.15(2)	2.02(10-I-3)	141193(13-II-1)	16744(13-II-1)	12817(4)
5	7	-10.70(4)	-2.11(2)	2.02(10-I-3)	141343(13-II-1)	16831(13-II-1)	12698(4)
5	8	-10.59(4)	-2.09(2)	2.02(10-I-3)	141484(13-II-1)	16910(13-II-1)	12557(4)
5	9	-10.86(4)	-2.31(2)	2.03(10-I-3)	136339(13-II-1)	15900(13-II-1)	12987(4)
5	10	-10.75(4)	-2.28(2)	2.03(10-I-3)	136470(13-II-1)	16021(13-II-1)	12866(4)
5	11	-10.67(4)	-2.21(2)	2.03(10-I-3)	136598(13-II-1)	16116(13-II-1)	12735(4)
5	12	-10.56(4)	-2.18(2)	2.04(10-I-3)	136725(13-II-1)	16187(13-II-1)	12581(4)
5	13	-10.85(4)	-2.38(2)	2.03(10-I-3)	131826(13-II-1)	15182(13-II-1)	12969(4)
5	14	-10.74(4)	-2.34(2)	2.02(10-I-3)	131935(13-II-1)	15312(13-II-1)	12837(4)
5	15	-10.63(4)	-2.32(2)	2.03(10-I-3)	132047(13-II-1)	15414(13-II-1)	12684(4)
5	16	-10.53(4)	-2.29(2)	2.04(10-I-3)	132160(13-II-1)	15492(13-II-1)	12514(4)
6	1	-11.84(4)	-2.40(2)	1.74(10-I-3)	144579(13-II-4)	16385(13-II-4)	13516(4)
6	2	-11.46(4)	-2.34(2)	1.84(10-I-3)	144868(13-II-1)	16768(13-II-4)	13311(4)
6	3	-11.19(4)	-2.25(2)	1.94(10-I-3)	145210(13-II-1)	17063(13-II-1)	13058(4)
6	4	-11.02(4)	-2.14(2)	1.99(10-I-3)	145613(13-II-1)	17284(13-II-1)	12864(4)
6	5	-11.92(4)	-2.49(2)	1.78(10-I-3)	139894(13-II-1)	15458(13-II-4)	13731(4)
6	6	-11.53(4)	-2.44(2)	1.87(10-I-3)	140165(13-II-1)	15878(13-II-4)	13498(4)
6	7	-11.23(4)	-2.36(2)	1.95(10-I-3)	140457(13-II-1)	16225(13-II-1)	13269(4)
6	8	-11.02(4)	-2.27(2)	2.00(10-I-3)	140780(13-II-1)	16489(13-II-1)	13067(4)
6	9	-11.99(4)	-2.56(2)	1.81(10-I-3)	135425(13-II-1)	14560(13-II-4)	13860(4)
6	10	-11.59(4)	-2.52(2)	1.89(10-I-3)	135638(13-II-1)	15047(13-II-1)	13609(4)
6	11	-11.28(4)	-2.44(2)	1.96(10-I-3)	135873(13-II-1)	15430(13-II-1)	13385(4)
6	12	-11.02(4)	-2.36(2)	2.02(10-I-3)	136135(13-II-1)	15712(13-II-1)	13164(4)
6	13	-12.09(4)	-2.58(2)	1.83(10-I-3)	131142(13-II-1)	13714(13-II-4)	13891(4)
6	14	-11.66(4)	-2.56(2)	1.90(10-I-3)	131291(13-II-1)	14251(13-II-1)	13636(4)
6	15	-11.29(4)	-2.52(2)	1.96(10-I-3)	131476(13-II-1)	14664(13-II-1)	13389(4)
6	16	-11.02(4)	-2.45(2)	2.01(10-I-3)	131675(13-II-1)	14976(13-II-1)	13146(4)
7	1	-14.98(2)	-2.64(2)	-2.40(12-II-3)	144089(13-II-4)	13486(13-II-4)	15759(5)
7	2	-13.91(2)	-2.60(2)	-2.08(12-II-3)	144103(13-II-4)	14554(13-II-4)	14984(5)
7	3	-13.05(2)	-2.55(2)	-1.80(12-II-3)	144220(13-II-4)	15349(13-II-4)	14174(5)
7	4	-12.36(2)	-2.47(2)	1.64(10-I-3)	144414(13-II-4)	15926(13-II-4)	13712(4)
7	5	-15.21(2)	-2.55(2)	-2.41(12-II-3)	139569(13-II-4)	12219(13-II-4)	15764(5)
7	6	-14.10(2)	-2.59(2)	-2.11(12-II-3)	139485(13-II-4)	13381(13-II-4)	15037(5)
7	7	-13.21(2)	-2.59(2)	-1.84(12-II-3)	139506(13-II-4)	14265(13-II-4)	14372(4)
7	8	-12.47(2)	-2.55(2)	1.67(10-I-3)	139621(13-II-1)	14933(13-II-4)	13997(4)
7	9	-15.36(2)	-2.44(2)	-2.37(12-II-3)	135201(13-II-4)	11068(13-II-4)	15643(5)
7	10	-14.27(2)	-2.55(2)	-2.10(12-II-3)	135028(13-II-4)	12314(13-II-4)	14992(4)
7	11	-13.38(2)	-2.58(2)	-1.86(12-II-3)	135076(13-II-1)	13264(13-II-4)	14540(4)
7	12	-12.58(2)	-2.57(2)	1.71(10-I-3)	135231(13-II-1)	13980(13-II-4)	14163(4)
7	13	-15.60(2)	-2.25(2)	-2.24(12-II-3)	131126(13-II-1)	10053(13-II-4)	15438(4)
7	14	-14.47(2)	-2.43(2)	-2.04(12-II-3)	130980(13-II-1)	11327(13-II-4)	15004(4)
7	15	-13.48(2)	-2.54(2)	-1.84(12-II-3)	130960(13-II-1)	12323(13-II-4)	14567(4)
7	16	-12.67(2)	-2.58(2)	1.74(10-I-3)	131029(13-II-1)	13091(13-II-4)	14190(4)
8	1	-25.98(2)	-0.32(2)	-1.53(12-II-3)	145541(13-II-4)	1414(11-II-4)	7886(5)
8	2	-22.19(2)	-1.56(2)	-3.20(12-II-3)	145967(13-II-4)	5442(11-II-4)	15717(5)
8	3	-18.85(2)	-2.39(2)	-3.25(12-II-3)	144784(13-II-4)	9290(11-II-4)	17107(5)
8	4	-16.51(2)	-2.63(2)	-2.81(12-II-3)	144207(13-II-4)	11871(13-II-4)	16533(5)
8	5	-24.65(2)	-0.21(2)	-1.18(12-II-3)	140894(13-II-4)	986(13-II-4)	7267(5)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
8	6	-21.90(2)	-1.15(2)	-2.70(12-II-3)	141438(13-II-4)	4201(13-II-4)	14815(5)
8	7	-19.03(2)	-1.99(2)	-3.00(12-II-3)	140556(13-II-4)	7761(13-II-4)	16689(5)
8	8	-16.76(2)	-2.41(2)	-2.75(12-II-3)	139868(13-II-4)	10463(13-II-4)	16459(5)
8	9	-23.61(2)	-0.14(2)	-0.94(12-II-3)	136558(13-II-4)	763(13-II-4)	6884(4)
8	10	-21.54(2)	-0.85(2)	-2.26(12-II-3)	137023(13-II-4)	3425(13-II-4)	14121(5)
8	11	-19.16(2)	-1.64(2)	-2.71(12-II-3)	136319(13-II-4)	6626(13-II-4)	16214(5)
8	12	-16.94(2)	-2.15(2)	-2.64(12-II-3)	135612(13-II-4)	9253(13-II-4)	16228(5)
8	13	-22.79(2)	-0.11(2)	-0.76(12-II-3)	132420(13-II-4)	620(13-II-4)	6673(4)
8	14	-21.13(2)	-0.68(2)	-1.91(12-II-3)	132771(13-II-4)	2872(13-II-4)	13589(4)
8	15	-19.02(2)	-1.41(2)	-2.38(12-II-3)	132135(13-II-4)	5733(13-II-4)	15693(5)
8	16	-17.06(2)	-1.93(2)	-2.40(12-II-3)	131454(13-II-1)	8243(13-II-4)	15863(5)
9	1	-10.83(4)	-2.46(2)	2.05(10-I-3)	127590(13-II-1)	14510(13-II-1)	12846(4)
9	2	-10.72(4)	-2.42(2)	2.05(10-I-3)	127677(13-II-1)	14621(13-II-1)	12707(4)
9	3	-10.59(4)	-2.40(2)	2.05(10-I-3)	127763(13-II-1)	14731(13-II-1)	12551(4)
9	4	-10.50(4)	-2.35(2)	2.06(10-I-3)	127848(13-II-1)	14842(13-II-1)	12380(4)
9	5	-10.81(4)	-2.52(2)	2.07(10-I-3)	123628(13-II-1)	13870(13-II-1)	12626(4)
9	6	-10.69(4)	-2.49(2)	2.07(10-I-3)	123684(13-II-1)	13990(13-II-1)	12481(4)
9	7	-10.57(4)	-2.45(2)	2.07(10-I-3)	123741(13-II-1)	14107(13-II-1)	12331(4)
9	8	-10.47(4)	-2.41(2)	2.07(10-I-3)	123799(13-II-1)	14223(13-II-1)	12170(4)
9	9	-10.79(4)	-2.56(2)	2.08(10-I-3)	119848(13-II-1)	13259(13-II-1)	12318(4)
9	10	-10.66(4)	-2.53(2)	2.08(10-I-3)	119875(13-II-1)	13398(13-II-1)	12171(4)
9	11	-10.55(4)	-2.49(2)	2.08(10-I-3)	119907(13-II-1)	13521(13-II-1)	12018(4)
9	12	-10.44(4)	-2.46(2)	2.08(10-I-3)	119944(13-II-1)	13628(13-II-1)	11859(4)
9	13	-10.77(4)	-2.58(2)	2.09(10-I-3)	116258(13-II-1)	12686(13-II-1)	11910(4)
9	14	-10.64(4)	-2.56(2)	2.09(10-I-3)	116260(13-II-1)	12830(13-II-1)	11768(4)
9	15	-10.52(4)	-2.52(2)	2.09(10-I-3)	116266(13-II-1)	12956(13-II-1)	11619(4)
9	16	-10.41(4)	-2.49(2)	2.08(10-I-3)	116276(13-II-1)	13067(13-II-1)	11463(4)
10	1	-12.15(4)	-2.60(2)	1.87(10-I-3)	127127(13-II-1)	12957(13-II-1)	13806(4)
10	2	-11.69(4)	-2.59(2)	1.94(10-I-3)	127218(13-II-1)	13491(13-II-1)	13544(4)
10	3	-11.31(4)	-2.56(2)	1.99(10-I-3)	127339(13-II-1)	13933(13-II-1)	13291(4)
10	4	-11.02(4)	-2.51(2)	2.04(10-I-3)	127478(13-II-1)	14301(13-II-1)	13039(4)
10	5	-12.20(4)	-2.59(2)	1.91(10-I-3)	123378(13-II-1)	12337(4)	13607(4)
10	6	-11.72(4)	-2.61(2)	1.97(10-I-3)	123408(13-II-1)	12800(13-II-1)	13337(4)
10	7	-11.34(4)	-2.60(2)	2.02(10-I-3)	123466(13-II-1)	13263(13-II-1)	13087(4)
10	8	-11.02(4)	-2.56(2)	2.05(10-I-3)	123551(13-II-1)	13650(13-II-1)	12838(4)
10	9	-12.22(4)	-2.57(2)	1.94(10-I-3)	119815(13-II-1)	12154(4)	13298(4)
10	10	-11.74(4)	-2.61(2)	2.00(10-I-3)	119780(13-II-1)	12601(4)	13030(4)
10	11	-11.34(4)	-2.62(2)	2.04(10-I-3)	119783(13-II-1)	12787(4)	12777(4)
10	12	-11.01(4)	-2.59(2)	2.07(10-I-3)	119814(13-II-1)	13023(13-II-1)	12524(4)
10	13	-12.24(4)	-2.55(2)	1.98(10-I-3)	116435(13-II-1)	12077(4)	12876(4)
10	14	-11.74(4)	-2.61(2)	2.03(10-I-3)	116343(13-II-1)	12516(4)	12617(4)
10	15	-11.33(4)	-2.63(2)	2.06(10-I-3)	116290(13-II-1)	12684(4)	12366(4)
10	16	-10.99(4)	-2.61(2)	2.08(10-I-3)	116265(13-II-1)	12575(4)	12113(4)
11	1	-15.72(2)	-2.11(2)	-2.17(12-II-3)	127412(13-II-1)	9178(13-II-4)	15245(4)
11	2	-14.59(2)	-2.33(2)	-1.99(12-II-3)	127201(13-II-1)	10423(13-II-4)	14866(4)
11	3	-13.60(2)	-2.46(2)	-1.83(12-II-3)	127096(13-II-1)	11448(13-II-4)	14469(4)
11	4	-12.77(2)	-2.56(2)	1.78(10-I-3)	127081(13-II-1)	12286(13-II-4)	14107(4)
11	5	-15.83(2)	-1.93(2)	-2.00(12-II-3)	123903(13-II-1)	8406(13-II-4)	14933(4)
11	6	-14.68(2)	-2.20(2)	-1.90(12-II-3)	123647(13-II-1)	9637(13-II-4)	14594(4)
11	7	-13.69(2)	-2.40(2)	-1.78(12-II-3)	123484(13-II-1)	10676(4)	14243(4)
11	8	-12.84(2)	-2.52(2)	1.82(10-I-3)	123397(13-II-1)	11637(4)	13911(4)
11	9	-15.85(2)	-1.84(2)	-1.84(12-II-3)	120573(13-II-1)	7848(4)	14523(4)
11	10	-14.74(2)	-2.12(2)	-1.79(12-II-3)	120260(13-II-1)	9282(4)	14219(4)
11	11	-13.75(2)	-2.33(2)	1.76(10-I-3)	120040(13-II-1)	10487(4)	13894(4)
11	12	-12.88(2)	-2.48(2)	1.86(10-I-3)	119897(13-II-1)	11447(4)	13585(4)
11	13	-15.86(2)	-1.73(2)	-1.67(12-II-3)	118975(2)	7764(4)	14006(4)
11	14	-14.77(2)	-2.03(2)	1.68(10-I-3)	117916(2)	9203(4)	13734(4)
11	15	-13.78(2)	-2.27(2)	1.81(10-I-3)	117140(4)	10412(4)	13437(4)
11	16	-12.90(2)	-2.44(2)	1.90(10-I-3)	116574(13-II-1)	11373(4)	13148(4)
12	1	-22.12(2)	-0.09(2)	-0.63(12-II-3)	128643(13-II-1)	531(12-II-3)	6492(4)
12	2	-20.76(2)	-0.55(2)	-1.62(12-II-3)	128903(13-II-1)	2467(13-II-4)	13207(4)
12	3	-18.93(2)	-1.16(2)	-2.13(12-II-3)	128380(13-II-1)	5019(13-II-4)	15270(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
12	4	-17.17(2)	-1.74(2)	-2.27(12-II-3)	127792(13-II-1)	7413(13-II-4)	15534(4)
12	5	-21.60(2)	-0.07(2)	-0.52(12-II-3)	125275(13-II-1)	504(12-II-3)	6316(4)
12	6	-20.44(2)	-0.46(2)	-1.38(12-II-3)	125446(13-II-1)	2213(12-II-3)	12821(4)
12	7	-18.81(2)	-1.03(2)	-1.87(12-II-3)	124955(13-II-1)	4465(13-II-4)	14846(4)
12	8	-17.21(2)	-1.58(2)	-2.05(12-II-3)	124354(13-II-1)	6701(13-II-4)	15178(4)
12	9	-21.19(2)	-0.06(2)	-0.43(12-II-3)	123063(2)	487(12-II-3)	6133(4)
12	10	-20.18(2)	-0.39(2)	-1.17(12-II-3)	122915(2)	2116(12-II-3)	12409(4)
12	11	-18.74(2)	-0.90(2)	-1.62(12-II-3)	121984(2)	4207(12-II-3)	14364(4)
12	12	-17.20(2)	-1.42(2)	-1.82(12-II-3)	121051(13-II-1)	6160(12-II-3)	14715(4)
12	13	-20.86(2)	-0.05(2)	-0.36(12-II-3)	122784(2)	475(12-II-3)	5936(4)
12	14	-19.95(2)	-0.34(2)	-0.98(12-II-3)	122579(2)	2045(12-II-3)	11963(4)
12	15	-18.64(2)	-0.81(2)	-1.40(12-II-3)	121580(2)	4064(12-II-3)	13824(4)
12	16	-17.18(2)	-1.31(2)	-1.61(12-II-3)	120250(2)	5970(12-II-3)	14168(4)
13	1	-10.74(4)	-2.60(2)	2.09(10-I-3)	113763(4)	12244(4)	11409(4)
13	2	-10.60(4)	-2.57(2)	2.09(10-I-3)	113237(4)	12294(13-II-1)	11272(4)
13	3	-10.48(4)	-2.54(2)	2.09(10-I-3)	112817(13-II-1)	12423(13-II-1)	11129(4)
13	4	-10.37(4)	-2.51(2)	2.09(10-I-3)	112800(13-II-1)	12721(2)	10980(4)
13	5	-10.70(4)	-2.61(2)	2.10(10-I-3)	115604(4)	12286(4)	10817(4)
13	6	-10.56(4)	-2.58(2)	2.10(10-I-3)	114994(4)	11961(4)	10686(4)
13	7	-10.44(4)	-2.55(2)	2.09(10-I-3)	114379(4)	12161(2)	10550(4)
13	8	-10.33(4)	-2.52(2)	2.08(10-I-3)	113761(4)	12571(2)	10410(4)
13	9	-10.65(4)	-2.60(2)	2.10(10-I-3)	118170(4)	12426(4)	10135(4)
13	10	-10.51(4)	-2.58(2)	2.10(10-I-3)	117477(4)	12085(4)	10013(10-I-3)
13	11	-10.39(4)	-2.55(2)	2.09(10-I-3)	116782(4)	12093(2)	9928(10-I-3)
13	12	-10.29(4)	-2.51(2)	2.08(10-I-3)	116083(4)	12514(2)	9844(10-I-3)
13	13	-10.59(4)	-2.59(2)	2.10(10-I-3)	121436(4)	12665(4)	10448(10-I-3)
13	14	-10.46(4)	-2.57(2)	2.09(10-I-3)	120663(4)	12309(4)	10378(10-I-3)
13	15	-10.34(4)	-2.54(2)	2.08(10-I-3)	119888(4)	12120(2)	10307(10-I-3)
13	16	-10.23(4)	-2.50(2)	2.07(10-I-3)	119110(4)	12548(2)	10235(10-I-3)
14	1	-12.23(4)	-2.53(2)	2.01(10-I-3)	117411(4)	12103(4)	12348(4)
14	2	-11.73(4)	-2.61(2)	2.05(10-I-3)	116470(4)	12530(4)	12100(4)
14	3	-11.31(4)	-2.64(2)	2.08(10-I-3)	115510(4)	12678(4)	11856(4)
14	4	-10.96(4)	-2.63(2)	2.09(10-I-3)	114527(4)	12542(4)	11607(4)
14	5	-12.20(4)	-2.51(2)	2.04(10-I-3)	119894(4)	12231(4)	11719(4)
14	6	-11.70(4)	-2.60(2)	2.08(10-I-3)	118778(4)	12642(4)	11483(4)
14	7	-11.27(4)	-2.63(2)	2.10(10-I-3)	117646(4)	12770(4)	11249(4)
14	8	-10.92(4)	-2.63(2)	2.10(10-I-3)	116493(4)	12608(4)	11008(4)
14	9	-12.16(4)	-2.49(2)	2.07(10-I-3)	123081(4)	12457(4)	10993(4)
14	10	-11.65(4)	-2.58(2)	2.10(10-I-3)	121797(4)	12852(4)	10771(4)
14	11	-11.22(4)	-2.63(2)	2.11(10-I-3)	120498(4)	12959(4)	10547(4)
14	12	-10.87(4)	-2.63(2)	2.11(10-I-3)	119181(4)	12770(4)	10317(4)
14	13	-12.09(4)	-2.48(2)	2.10(10-I-3)	126953(4)	12780(4)	10919(10-I-3)
14	14	-11.58(4)	-2.57(2)	2.12(10-I-3)	125505(4)	13158(4)	10808(10-I-3)
14	15	-11.16(4)	-2.61(2)	2.12(10-I-3)	124044(4)	13243(4)	10686(10-I-3)
14	16	-10.81(4)	-2.61(2)	2.11(10-I-3)	122568(4)	13029(4)	10554(10-I-3)
15	1	-15.86(2)	-1.65(2)	1.58(10-I-3)	121129(4)	7792(4)	13392(4)
15	2	-14.78(2)	-1.96(2)	1.73(10-I-3)	120195(4)	9234(4)	13146(4)
15	3	-13.78(2)	-2.22(2)	1.86(10-I-3)	119267(4)	10446(4)	12874(4)
15	4	-12.89(2)	-2.40(2)	1.95(10-I-3)	118341(4)	11406(4)	12605(4)
15	5	-15.83(2)	-1.59(2)	1.64(10-I-3)	124296(4)	7924(4)	12687(4)
15	6	-14.75(2)	-1.91(2)	1.79(10-I-3)	123200(4)	9372(4)	12460(4)
15	7	-13.76(2)	-2.17(2)	1.91(10-I-3)	122101(4)	10586(4)	12210(4)
15	8	-12.85(2)	-2.37(2)	1.99(10-I-3)	121000(4)	11543(4)	11961(4)
15	9	-15.78(2)	-1.54(2)	1.70(10-I-3)	128138(4)	8154(4)	11895(4)
15	10	-14.71(2)	-1.87(2)	1.85(10-I-3)	126887(4)	9612(4)	11681(4)
15	11	-13.71(2)	-2.14(2)	1.96(10-I-3)	125624(4)	10828(4)	11449(4)
15	12	-12.80(2)	-2.35(2)	2.03(10-I-3)	124356(4)	11780(4)	11219(4)
15	13	-15.72(2)	-1.52(2)	1.77(10-I-3)	132644(4)	8476(4)	11283(10-I-3)
15	14	-14.64(2)	-1.85(2)	1.91(10-I-3)	131241(4)	9949(4)	11206(10-I-3)
15	15	-13.63(2)	-2.12(2)	2.01(10-I-3)	129820(4)	11169(4)	11116(10-I-3)
15	16	-12.71(2)	-2.33(2)	2.07(10-I-3)	128390(4)	12115(4)	11021(10-I-3)
16	1	-20.62(2)	-0.04(2)	-0.30(12-II-3)	124210(4)	468(12-II-3)	5720(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
16	2	-19.77(2)	-0.31(2)	-0.82(12-II-3)	124048(4)	1996(12-II-3)	11477(4)
16	3	-18.54(2)	-0.74(2)	-1.19(12-II-3)	123243(4)	3962(12-II-3)	13222(4)
16	4	-17.14(2)	-1.23(2)	-1.41(12-II-3)	122170(4)	5943(4)	13538(4)
16	5	-20.45(2)	-0.04(2)	0.25(10-I-3)	127842(4)	464(12-II-3)	5483(4)
16	6	-19.63(2)	-0.29(2)	0.71(10-I-3)	127649(4)	1966(12-II-3)	10944(4)
16	7	-18.45(2)	-0.70(2)	1.10(10-I-3)	126732(4)	3893(12-II-3)	12556(4)
16	8	-17.09(2)	-1.17(2)	1.42(10-I-3)	125503(4)	6064(4)	12830(4)
16	9	-20.34(2)	-0.04(2)	0.26(10-I-3)	132130(4)	465(12-II-3)	5222(4)
16	10	-19.54(2)	-0.27(2)	0.75(10-I-3)	131915(4)	1953(12-II-3)	10359(4)
16	11	-18.38(2)	-0.67(2)	1.16(10-I-3)	130889(4)	4020(4)	11822(4)
16	12	-17.03(2)	-1.13(2)	1.48(10-I-3)	129506(4)	6271(4)	12042(4)
16	13	-20.30(2)	-0.04(2)	0.28(10-I-3)	137077(4)	469(12-II-3)	4996(11-I-4)
16	14	-19.49(2)	-0.27(2)	0.79(10-I-3)	136847(4)	2006(4)	9716(4)
16	15	-18.32(2)	-0.65(2)	1.22(10-I-3)	135709(4)	4238(4)	11030(10-I-3)
16	16	-16.97(2)	-1.11(2)	1.55(10-I-3)	134171(4)	6557(4)	11306(10-I-3)
17	1	-10.52(4)	-2.57(2)	2.10(10-I-3)	125380(4)	12999(4)	10700(10-I-3)
17	2	-10.39(4)	-2.55(2)	2.09(10-I-3)	124528(4)	12629(4)	10644(10-I-3)
17	3	-10.28(4)	-2.52(2)	2.07(10-I-3)	123674(4)	12239(2)	10587(10-I-3)
17	4	-10.17(4)	-2.48(2)	2.06(10-I-3)	122819(4)	12671(2)	10527(10-I-3)
17	5	-10.44(4)	-2.54(2)	2.09(10-I-3)	129977(4)	13427(4)	10852(10-I-3)
17	6	-10.32(4)	-2.52(2)	2.07(10-I-3)	129047(4)	13045(4)	10811(10-I-3)
17	7	-10.21(4)	-2.48(2)	2.06(10-I-3)	128116(4)	12575(4)	10768(10-I-3)
17	8	-10.11(4)	-2.45(2)	2.05(10-I-3)	127184(4)	12882(2)	10722(10-I-3)
17	9	-10.35(4)	-2.50(2)	2.07(10-I-3)	135204(4)	13946(4)	10906(10-I-3)
17	10	-10.24(4)	-2.47(2)	2.06(10-I-3)	134198(4)	13553(4)	10882(10-I-3)
17	11	-10.13(4)	-2.44(2)	2.04(10-I-3)	133191(4)	13073(4)	10853(10-I-3)
17	12	-10.04(4)	-2.40(2)	2.03(10-I-3)	132183(4)	13180(2)	10821(10-I-3)
17	13	-10.26(4)	-2.45(2)	2.05(10-I-3)	141037(4)	14555(4)	10865(10-I-3)
17	14	-10.15(4)	-2.42(2)	2.04(10-I-3)	139956(4)	14152(4)	10857(10-I-3)
17	15	-10.05(4)	-2.38(2)	2.02(10-I-3)	138874(4)	13662(4)	10843(10-I-3)
17	16	-9.96(4)	-2.34(2)	2.00(10-I-3)	137792(4)	13564(2)	10826(10-I-3)
18	1	-12.00(4)	-2.46(2)	2.13(10-I-3)	131487(4)	13197(4)	11044(10-I-3)
18	2	-11.50(4)	-2.55(2)	2.14(10-I-3)	129880(4)	13557(4)	10969(10-I-3)
18	3	-11.08(4)	-2.60(2)	2.13(10-I-3)	128261(4)	13620(4)	10882(10-I-3)
18	4	-10.73(4)	-2.60(2)	2.11(10-I-3)	126628(4)	13382(4)	10783(10-I-3)
18	5	-11.89(4)	-2.45(2)	2.15(10-I-3)	136664(4)	13706(4)	11069(10-I-3)
18	6	-11.39(4)	-2.54(2)	2.15(10-I-3)	134901(4)	14047(4)	11031(10-I-3)
18	7	-10.98(4)	-2.57(2)	2.13(10-I-3)	133127(4)	14089(4)	10979(10-I-3)
18	8	-10.65(4)	-2.57(2)	2.11(10-I-3)	131341(4)	13828(4)	10912(10-I-3)
18	9	-11.76(4)	-2.44(2)	2.17(10-I-3)	142462(4)	14306(4)	10996(10-I-3)
18	10	-11.27(4)	-2.51(2)	2.15(10-I-3)	140545(4)	14626(4)	10993(10-I-3)
18	11	-10.87(4)	-2.54(2)	2.13(10-I-3)	138618(4)	14646(4)	10976(10-I-3)
18	12	-10.55(4)	-2.53(2)	2.10(10-I-3)	136681(4)	14363(4)	10942(10-I-3)
18	13	-11.60(4)	-2.43(2)	2.18(10-I-3)	148859(4)	14993(4)	10823(10-I-3)
18	14	-11.13(4)	-2.49(2)	2.15(10-I-3)	146789(4)	15293(4)	10857(10-I-3)
18	15	-10.75(4)	-2.50(2)	2.12(10-I-3)	144711(4)	15291(4)	10876(10-I-3)
18	16	-10.44(4)	-2.48(2)	2.08(10-I-3)	142626(4)	14987(4)	10877(10-I-3)
19	1	-15.64(2)	-1.52(2)	1.84(10-I-3)	137802(4)	8886(4)	11288(10-I-3)
19	2	-14.55(2)	-1.84(2)	1.97(10-I-3)	136248(4)	10380(4)	11232(10-I-3)
19	3	-13.53(2)	-2.11(2)	2.06(10-I-3)	134672(4)	11605(4)	11171(10-I-3)
19	4	-12.61(2)	-2.32(2)	2.11(10-I-3)	133084(4)	12546(4)	11110(10-I-3)
19	5	-15.55(2)	-1.53(2)	1.91(10-I-3)	143601(4)	9383(4)	11196(10-I-3)
19	6	-14.43(2)	-1.85(2)	2.03(10-I-3)	141893(4)	10902(4)	11160(10-I-3)
19	7	-13.40(2)	-2.11(2)	2.10(10-I-3)	140162(4)	12134(4)	11128(10-I-3)
19	8	-12.47(4)	-2.31(2)	2.14(10-I-3)	138417(4)	13069(4)	11100(10-I-3)
19	9	-15.44(2)	-1.55(2)	1.99(10-I-3)	150028(4)	9967(4)	11003(10-I-3)
19	10	-14.30(2)	-1.87(2)	2.09(10-I-3)	148162(4)	11515(4)	10988(10-I-3)
19	11	-13.25(2)	-2.12(2)	2.15(10-I-3)	146272(4)	12755(4)	10985(10-I-3)
19	12	-12.34(4)	-2.31(2)	2.17(10-I-3)	144371(4)	13683(4)	10991(10-I-3)
19	13	-15.31(2)	-1.60(2)	2.06(10-I-3)	157069(4)	10637(4)	10703(10-I-3)
19	14	-14.14(2)	-1.90(2)	2.15(10-I-3)	155037(4)	12218(4)	10712(10-I-3)
19	15	-13.07(2)	-2.14(2)	2.19(10-I-3)	152984(4)	13466(4)	10740(10-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
19	16	-12.17(4)	-2.31(2)	2.20(10-I-3)	150924(4)	14387(4)	10781(10-I-3)
20	1	-20.33(2)	-0.04(2)	0.30(10-I-3)	142683(4)	476(12-II-3)	4929(10-I-3)
20	2	-19.48(2)	-0.27(2)	0.84(10-I-3)	142442(4)	2156(4)	9699(10-I-3)
20	3	-18.29(2)	-0.65(2)	1.29(10-I-3)	141188(4)	4511(4)	11037(10-I-3)
20	4	-16.91(2)	-1.11(2)	1.62(10-I-3)	139490(4)	6919(4)	11302(10-I-3)
20	5	-20.41(2)	-0.04(2)	0.32(10-I-3)	148948(4)	512(4)	4927(10-I-3)
20	6	-19.51(2)	-0.27(2)	0.90(10-I-3)	148699(4)	2334(4)	9656(10-I-3)
20	7	-18.27(2)	-0.66(2)	1.36(10-I-3)	147322(4)	4838(4)	10952(10-I-3)
20	8	-16.85(2)	-1.12(2)	1.70(10-I-3)	145455(4)	7357(4)	11202(10-I-3)
20	9	-20.56(2)	-0.04(2)	0.34(10-I-3)	155874(4)	563(4)	4883(10-I-3)
20	10	-19.58(2)	-0.28(2)	0.96(10-I-3)	155619(4)	2541(4)	9528(10-I-3)
20	11	-18.27(2)	-0.69(2)	1.44(10-I-3)	154107(4)	5221(4)	10769(10-I-3)
20	12	-16.78(2)	-1.15(2)	1.78(10-I-3)	152058(4)	7870(4)	11000(10-I-3)
20	13	-20.77(2)	-0.04(2)	0.37(10-I-3)	163463(4)	620(4)	4796(10-I-3)
20	14	-19.70(2)	-0.30(2)	1.03(10-I-3)	163200(4)	2779(4)	9308(10-I-3)
20	15	-18.28(2)	-0.72(2)	1.53(10-I-3)	161538(4)	5662(4)	10479(10-I-3)
20	16	-16.71(2)	-1.19(2)	1.87(10-I-3)	159290(4)	8461(4)	10690(10-I-3)
21	1	-10.15(4)	-2.38(2)	2.03(10-I-3)	147452(4)	15250(4)	10730(10-I-3)
21	2	-10.05(4)	-2.35(2)	2.01(10-I-3)	146296(4)	14840(4)	10738(10-I-3)
21	3	-9.96(4)	-2.31(2)	1.99(10-I-3)	145141(4)	14342(4)	10741(10-I-3)
21	4	-9.89(4)	-2.27(2)	1.97(10-I-3)	143986(4)	14033(2)	10739(10-I-3)
21	5	-10.04(4)	-2.29(2)	2.00(10-I-3)	154424(4)	16030(4)	10502(10-I-3)
21	6	-9.95(4)	-2.26(2)	1.98(10-I-3)	153196(4)	15612(4)	10528(10-I-3)
21	7	-9.87(4)	-2.22(2)	1.96(10-I-3)	151968(4)	15108(4)	10548(10-I-3)
21	8	-9.80(4)	-2.18(2)	1.94(10-I-3)	150741(4)	14586(2)	10562(10-I-3)
21	9	-9.92(4)	-2.19(2)	1.96(10-I-3)	161930(4)	16892(4)	10184(10-I-3)
21	10	-9.84(4)	-2.15(2)	1.94(10-I-3)	160630(4)	16468(4)	10229(10-I-3)
21	11	-9.78(4)	-2.11(2)	1.92(10-I-3)	159332(4)	15959(4)	10267(10-I-3)
21	12	-9.72(4)	-2.07(2)	1.91(10-I-3)	158035(4)	15362(4)	10299(10-I-3)
21	13	-9.80(4)	-2.06(2)	1.92(10-I-3)	169943(4)	17832(4)	9780(10-I-3)
21	14	-9.74(4)	-2.02(2)	1.90(10-I-3)	168574(4)	17403(4)	9845(10-I-3)
21	15	-9.68(4)	-1.99(2)	1.89(10-I-3)	167208(4)	16891(4)	9902(10-I-3)
21	16	-9.63(4)	-1.95(2)	1.87(10-I-3)	165842(4)	16292(4)	9953(10-I-3)
22	1	-11.43(4)	-2.41(2)	2.18(10-I-3)	155833(4)	15766(4)	10551(10-I-3)
22	2	-10.97(4)	-2.45(2)	2.14(10-I-3)	153610(4)	16044(4)	10623(10-I-3)
22	3	-10.61(4)	-2.45(2)	2.10(10-I-3)	151383(4)	16020(4)	10680(10-I-3)
22	4	-10.32(4)	-2.42(2)	2.06(10-I-3)	149150(4)	15696(4)	10716(10-I-3)
22	5	-11.23(4)	-2.37(2)	2.18(10-I-3)	163359(4)	16624(4)	10177(10-I-3)
22	6	-10.80(4)	-2.39(2)	2.13(10-I-3)	160983(4)	16878(4)	10291(10-I-3)
22	7	-10.46(4)	-2.38(2)	2.08(10-I-3)	158608(4)	16832(4)	10387(10-I-3)
22	8	-10.20(4)	-2.34(2)	2.03(10-I-3)	156231(4)	16488(4)	10461(10-I-3)
22	9	-11.02(4)	-2.33(2)	2.17(10-I-3)	171411(4)	17566(4)	9703(10-I-3)
22	10	-10.61(4)	-2.32(2)	2.11(10-I-3)	168882(4)	17793(4)	9862(10-I-3)
22	11	-10.30(4)	-2.29(2)	2.05(10-I-3)	166361(4)	17723(4)	10001(10-I-3)
22	12	-10.06(4)	-2.24(2)	2.00(10-I-3)	163842(4)	17360(4)	10114(10-I-3)
22	13	-10.79(4)	-2.25(2)	2.14(10-I-3)	179960(4)	18592(4)	9129(10-I-3)
22	14	-10.41(4)	-2.22(2)	2.07(10-I-3)	177280(4)	18788(4)	9338(10-I-3)
22	15	-10.13(4)	-2.17(2)	2.01(10-I-3)	174615(4)	18692(4)	9523(10-I-3)
22	16	-9.92(4)	-2.11(2)	1.96(10-I-3)	171957(4)	18311(4)	9679(10-I-3)
23	1	-15.16(2)	-1.65(2)	2.14(10-I-3)	164711(4)	11398(4)	10289(10-I-3)
23	2	-13.95(2)	-1.94(2)	2.21(10-I-3)	162501(4)	13014(4)	10326(10-I-3)
23	3	-12.87(2)	-2.16(2)	2.23(10-I-3)	160278(4)	14268(4)	10390(10-I-3)
23	4	-11.99(4)	-2.31(2)	2.22(10-I-3)	158055(4)	15179(4)	10469(10-I-3)
23	5	-14.98(2)	-1.72(2)	2.22(10-I-3)	172936(4)	12255(4)	9755(10-I-3)
23	6	-13.73(2)	-1.99(2)	2.26(10-I-3)	170533(4)	13904(4)	9826(10-I-3)
23	7	-12.63(2)	-2.18(2)	2.26(10-I-3)	168131(4)	15162(4)	9931(10-I-3)
23	8	-11.78(4)	-2.31(2)	2.23(10-I-3)	165740(4)	16059(4)	10053(10-I-3)
23	9	-14.77(2)	-1.79(2)	2.30(10-I-3)	181724(4)	13215(4)	9089(10-I-3)
23	10	-13.48(2)	-2.04(2)	2.31(10-I-3)	179110(4)	14895(4)	9206(10-I-3)
23	11	-12.37(2)	-2.20(2)	2.28(10-I-3)	176518(4)	16151(4)	9360(10-I-3)
23	12	-11.55(4)	-2.29(2)	2.23(10-I-3)	173953(4)	17028(4)	9531(10-I-3)
23	13	-14.53(2)	-1.87(2)	2.37(10-I-3)	191050(4)	14291(4)	8284(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
23	14	-13.20(2)	-2.08(2)	2.35(10-I-3)	188204(4)	15995(4)	8459(10-I-3)
23	15	-12.08(2)	-2.20(2)	2.29(10-I-3)	185410(4)	17239(4)	8674(10-I-3)
23	16	-11.29(4)	-2.25(2)	2.22(10-I-3)	182666(4)	18088(4)	8903(10-I-3)
24	1	-21.05(2)	-0.05(2)	0.44(1)	171718(4)	686(4)	4658(10-I-3)
24	2	-19.86(2)	-0.33(2)	1.16(1)	171447(4)	3052(4)	8987(10-I-3)
24	3	-18.31(2)	-0.77(2)	1.63(10-I-3)	169613(4)	6166(4)	10072(10-I-3)
24	4	-16.63(2)	-1.25(2)	1.97(10-I-3)	167139(4)	9134(4)	10262(10-I-3)
24	5	-21.41(2)	-0.05(2)	0.52(1)	180648(4)	762(4)	4465(10-I-3)
24	6	-20.06(2)	-0.36(2)	1.36(1)	180365(4)	3365(4)	8551(10-I-3)
24	7	-18.35(2)	-0.83(2)	1.83(1)	178329(4)	6741(4)	9534(10-I-3)
24	8	-16.53(2)	-1.33(2)	2.07(10-I-3)	175597(4)	9896(4)	9706(10-I-3)
24	9	-21.86(2)	-0.06(1)	0.62(1)	190269(4)	851(4)	4209(10-I-3)
24	10	-20.31(2)	-0.40(1)	1.58(1)	189964(4)	3725(4)	7985(10-I-3)
24	11	-18.39(2)	-0.91(2)	2.09(1)	187683(4)	7398(4)	8850(10-I-3)
24	12	-16.42(2)	-1.41(2)	2.20(1)	184649(4)	10759(4)	9008(10-I-3)
24	13	-22.40(2)	-0.07(1)	0.72(1)	200604(4)	954(4)	3880(10-I-3)
24	14	-20.60(2)	-0.45(1)	1.82(1)	200260(4)	4142(4)	7269(10-I-3)
24	15	-18.43(2)	-1.00(1)	2.37(1)	197675(4)	8151(4)	7999(10-I-3)
24	16	-16.27(2)	-1.52(1)	2.44(1)	194279(4)	11736(4)	8153(10-I-3)
25	1	-9.68(4)	-1.96(4)	1.88(10-I-3)	178438(4)	18848(4)	9294(10-I-3)
25	2	-9.63(4)	-1.93(4)	1.86(10-I-3)	177004(4)	18415(4)	9380(10-I-3)
25	3	-9.58(4)	-1.89(4)	1.84(10-I-3)	175571(4)	17901(4)	9458(10-I-3)
25	4	-9.55(4)	-1.86(4)	1.83(10-I-3)	174140(4)	17301(4)	9529(10-I-3)
25	5	-9.56(4)	-1.87(4)	1.84(10-I-3)	187391(4)	19936(4)	8733(10-I-3)
25	6	-9.52(4)	-1.84(4)	1.82(10-I-3)	185894(4)	19500(4)	8843(10-I-3)
25	7	-9.49(4)	-1.80(4)	1.80(10-I-3)	184398(4)	18985(4)	8942(10-I-3)
25	8	-9.46(4)	-1.78(4)	1.79(10-I-3)	182904(4)	18387(4)	9034(10-I-3)
25	9	-9.43(4)	-1.76(4)	1.79(10-I-3)	196776(4)	21088(4)	-8662(12-II-3)
25	10	-9.41(4)	-1.73(4)	1.77(10-I-3)	195219(4)	20657(4)	-8667(12-II-3)
25	11	-9.39(4)	-1.71(4)	1.76(10-I-3)	193665(4)	20142(4)	-8668(12-II-3)
25	12	-9.38(4)	-1.68(4)	-1.75(12-II-3)	192113(4)	19541(4)	-8665(12-II-3)
25	13	-9.31(4)	-1.63(4)	1.75(10-I-3)	206569(4)	22325(4)	-9467(12-II-3)
25	14	-9.31(4)	-1.61(4)	1.73(10-I-3)	204951(4)	21878(4)	-9452(12-II-3)
25	15	-9.30(4)	-1.60(4)	1.72(10-I-3)	203345(4)	21365(4)	-9436(12-II-3)
25	16	-9.30(4)	-1.58(4)	-1.74(12-II-3)	201742(4)	20782(4)	-9415(12-II-3)
26	1	-10.54(4)	-2.17(5)	2.11(10-I-3)	188978(4)	19701(4)	8458(10-I-3)
26	2	-10.20(4)	-2.13(4)	2.03(10-I-3)	186149(4)	19860(4)	8721(10-I-3)
26	3	-9.95(4)	-2.07(4)	1.97(10-I-3)	183343(4)	19736(4)	8957(10-I-3)
26	4	-9.77(4)	-2.01(4)	1.92(10-I-3)	180552(4)	19335(4)	9160(10-I-3)
26	5	-10.29(4)	-2.09(4)	2.06(10-I-3)	198431(4)	20892(4)	7696(10-I-3)
26	6	-9.98(4)	-2.04(4)	1.99(10-I-3)	195458(4)	21006(4)	8021(10-I-3)
26	7	-9.77(4)	-1.98(4)	1.92(10-I-3)	192518(4)	20851(4)	8310(10-I-3)
26	8	-9.63(4)	-1.91(4)	1.87(10-I-3)	189599(4)	20431(4)	8563(10-I-3)
26	9	-10.02(4)	-1.99(4)	2.01(10-I-3)	208285(4)	22163(4)	-8557(12-II-3)
26	10	-9.76(4)	-1.92(4)	1.93(10-I-3)	205176(4)	22225(4)	-8577(12-II-3)
26	11	-9.59(4)	-1.86(4)	1.87(10-I-3)	202110(4)	22032(4)	-8609(12-II-3)
26	12	-9.48(4)	-1.80(4)	1.82(10-I-3)	199071(4)	21592(4)	-8641(12-II-3)
26	13	-9.76(4)	-1.83(4)	1.95(10-I-3)	218507(4)	23510(4)	-9485(12-II-3)
26	14	-9.54(4)	-1.76(4)	1.87(10-I-3)	215273(4)	23510(4)	-9469(12-II-3)
26	15	-9.41(4)	-1.71(4)	1.82(10-I-3)	212095(4)	23275(4)	-9467(12-II-3)
26	16	-9.34(4)	-1.66(4)	1.77(10-I-3)	208947(4)	22797(4)	-9469(12-II-3)
27	1	-14.25(2)	-1.96(5)	2.43(10-I-3)	200882(4)	15499(4)	7329(10-I-3)
27	2	-12.88(2)	-2.12(5)	2.38(10-I-3)	197781(4)	17212(4)	7583(10-I-3)
27	3	-11.76(2)	-2.20(5)	2.29(10-I-3)	194773(4)	18431(4)	7873(10-I-3)
27	4	-11.01(4)	-2.20(5)	2.20(10-I-3)	191846(4)	19239(4)	8171(10-I-3)
27	5	-13.92(2)	-2.03(5)	2.50(1)	211179(4)	16861(4)	-7710(12-II-3)
27	6	-12.53(2)	-2.14(5)	2.39(10-I-3)	207799(4)	18562(4)	-7657(12-II-3)
27	7	-11.41(2)	-2.16(5)	2.27(10-I-3)	204569(4)	19733(4)	-7621(12-II-3)
27	8	-10.72(4)	-2.13(4)	2.16(10-I-3)	201458(4)	20484(4)	-7619(12-II-3)
27	9	-13.55(2)	-2.08(5)	2.57(1)	221884(4)	18404(4)	-8849(12-II-3)
27	10	-12.14(2)	-2.12(5)	2.37(10-I-3)	218208(4)	20059(4)	-8714(12-II-3)
27	11	-11.04(2)	-2.09(4)	2.23(10-I-3)	214755(4)	21152(4)	-8614(12-II-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
27	12	-10.41(4)	-2.05(4)	2.11(10-I-3)	211465(4)	21823(4)	-8564(12-II-3)
27	13	-13.12(2)	-2.08(5)	2.58(1)	232924(4)	20166(4)	-10055(12-II-3)
27	14	-11.71(2)	-2.05(4)	2.33(10-I-3)	228950(4)	21717(4)	-9811(12-II-3)
27	15	-10.66(2)	-1.99(4)	2.17(10-I-3)	225284(4)	22691(4)	-9636(12-II-3)
27	16	-10.10(4)	-1.91(4)	2.05(10-I-3)	221828(4)	23255(4)	-9534(12-II-3)
28	1	-23.04(2)	-0.08(1)	0.84(1)	211692(4)	1078(4)	3464(10-I-3)
28	2	-20.93(2)	-0.52(1)	2.09(1)	211276(4)	4631(4)	6378(10-I-3)
28	3	-18.46(2)	-1.12(1)	2.66(1)	208301(4)	9024(4)	6956(10-I-3)
28	4	-16.09(2)	-1.63(1)	2.67(1)	204463(4)	12851(4)	7126(10-I-3)
28	5	-23.81(2)	-0.10(1)	0.99(1)	223588(4)	1228(4)	2947(10-I-3)
28	6	-21.30(2)	-0.61(1)	2.40(1)	223043(4)	5213(4)	-6047(12-II-3)
28	7	-18.47(2)	-1.25(1)	2.96(1)	219554(4)	10047(4)	-7333(12-II-3)
28	8	-15.87(2)	-1.76(1)	2.88(1)	215169(4)	14132(4)	-7694(12-II-3)
28	9	-24.72(2)	-0.12(1)	1.16(1)	236378(4)	1410(4)	-3346(12-II-3)
28	10	-21.71(2)	-0.71(1)	2.75(1)	235607(4)	5919(4)	-7217(12-II-3)
28	11	-18.44(2)	-1.41(1)	3.28(1)	231415(4)	11272(4)	-8646(12-II-3)
28	12	-15.58(2)	-1.88(5)	3.07(1)	226344(4)	15624(4)	-8939(12-II-3)
28	13	-25.75(2)	-0.15(1)	1.36(1)	250188(4)	1604(4)	-4012(12-II-3)
28	14	-22.13(2)	-0.85(1)	3.15(1)	249023(4)	6813(4)	-8595(12-II-3)
28	15	-18.36(2)	-1.57(1)	3.59(1)	243839(4)	12773(4)	-10307(2)
28	16	-15.24(2)	-1.98(5)	3.20(1)	237912(4)	17382(4)	-10300(12-II-3)
29	1	-9.21(4)	-1.52(4)	1.71(10-I-3)	214407(4)	23303(4)	-10076(12-II-3)
29	2	-9.22(4)	-1.51(4)	1.70(10-I-3)	212755(4)	22853(4)	-10055(12-II-3)
29	3	-9.23(4)	-1.51(4)	-1.70(12-II-3)	211111(4)	22343(4)	-10029(12-II-3)
29	4	-9.24(4)	-1.50(4)	-1.72(12-II-3)	209485(4)	21767(4)	-10003(12-II-3)
29	5	-9.15(4)	-1.44(4)	1.69(10-I-3)	220121(4)	23985(4)	-10509(12-II-3)
29	6	-9.16(4)	-1.44(4)	1.68(10-I-3)	218444(4)	23547(4)	-10476(12-II-3)
29	7	-9.18(4)	-1.44(4)	-1.68(12-II-3)	216779(4)	23039(4)	-10443(12-II-3)
29	8	-9.20(4)	-1.44(4)	-1.70(12-II-3)	215125(4)	22455(4)	-10405(12-II-3)
29	9	-9.08(4)	-1.35(4)	1.67(10-I-3)	225942(4)	24690(4)	-10927(12-II-3)
29	10	-9.11(4)	-1.36(4)	1.66(10-I-3)	224249(4)	24236(4)	-10886(12-II-3)
29	11	-9.13(4)	-1.37(4)	-1.66(12-II-3)	222562(4)	23732(4)	-10848(12-II-3)
29	12	-9.15(4)	-1.38(4)	-1.68(12-II-3)	220881(4)	23169(4)	-10802(12-II-3)
29	13	-9.01(4)	-1.27(4)	1.66(10-I-3)	231878(4)	25338(4)	-11319(12-II-3)
29	14	-9.06(4)	-1.28(4)	1.65(10-I-3)	230177(4)	24933(4)	-11284(12-II-3)
29	15	-9.09(4)	-1.30(4)	1.64(10-I-3)	228469(4)	24431(4)	-11235(12-II-3)
29	16	-9.11(4)	-1.32(4)	-1.65(12-II-3)	226759(4)	23829(4)	-11192(12-II-3)
30	1	-9.55(4)	-1.67(4)	1.90(10-I-3)	226654(4)	24598(4)	-10208(12-II-3)
30	2	-9.37(4)	-1.61(4)	1.83(10-I-3)	223332(4)	24545(4)	-10162(12-II-3)
30	3	-9.26(4)	-1.57(4)	1.78(10-I-3)	220077(4)	24275(4)	-10131(12-II-3)
30	4	-9.22(4)	-1.53(4)	1.74(10-I-3)	216846(4)	23774(4)	-10099(12-II-3)
30	5	-9.41(4)	-1.54(4)	1.86(10-I-3)	232555(4)	25393(4)	-10713(12-II-3)
30	6	-9.25(4)	-1.48(4)	1.80(10-I-3)	229177(4)	25299(4)	-10646(12-II-3)
30	7	-9.17(4)	-1.45(4)	1.75(10-I-3)	225869(4)	25005(4)	-10594(12-II-3)
30	8	-9.15(4)	-1.44(4)	1.71(10-I-3)	222596(4)	24503(4)	-10546(12-II-3)
30	9	-9.27(4)	-1.38(4)	1.82(10-I-3)	238547(4)	26203(4)	-11205(12-II-3)
30	10	-9.13(4)	-1.34(4)	1.77(10-I-3)	235116(4)	26063(4)	-11119(12-II-3)
30	11	-9.07(4)	-1.33(4)	1.72(10-I-3)	231762(4)	25751(4)	-11047(12-II-3)
30	12	-9.07(4)	-1.34(4)	1.69(10-I-3)	228451(4)	25237(4)	-10979(12-II-3)
30	13	-9.12(4)	-1.20(4)	1.79(10-I-3)	244624(4)	27021(4)	-11674(12-II-3)
30	14	-9.00(4)	-1.18(4)	1.74(10-I-3)	241149(4)	26835(4)	-11571(12-II-3)
30	15	-8.97(4)	-1.20(4)	1.70(10-I-3)	237747(4)	26498(4)	-11485(12-II-3)
30	16	-8.99(4)	-1.23(4)	1.67(10-I-3)	234405(4)	26018(4)	-11387(12-II-3)
31	1	-12.68(2)	-2.05(5)	2.55(1)	241666(4)	21680(4)	-11495(2)
31	2	-11.34(2)	-1.97(4)	2.28(10-I-3)	237464(4)	23108(4)	-10677(12-II-3)
31	3	-10.35(2)	-1.86(4)	2.12(10-I-3)	233648(4)	23959(4)	-10437(12-II-3)
31	4	-9.85(4)	-1.76(4)	1.99(10-I-3)	230074(4)	24420(4)	-10291(12-II-3)
31	5	-12.43(2)	-1.99(4)	2.50(1)	247930(4)	22862(4)	-12785(2)
31	6	-11.10(2)	-1.87(4)	2.24(10-I-3)	243589(4)	24165(4)	-11792(2)
31	7	-10.14(2)	-1.73(4)	2.07(10-I-3)	239682(4)	24904(4)	-10994(12-II-3)
31	8	-9.68(4)	-1.62(4)	1.95(10-I-3)	236038(4)	25278(4)	-10818(12-II-3)
31	9	-12.16(2)	-1.90(4)	2.41(1)	254228(4)	24129(4)	-14041(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
31	10	-10.86(2)	-1.72(4)	2.18(10-I-3)	249772(4)	25270(4)	-12889(2)
31	11	-9.95(2)	-1.56(4)	2.02(10-I-3)	245791(4)	25878(4)	-11966(2)
31	12	-9.52(4)	-1.45(4)	1.90(10-I-3)	242084(4)	26155(4)	-11331(12-II-3)
31	13	-11.96(2)	-1.76(4)	2.35(10-I-3)	260545(4)	25470(4)	-15220(2)
31	14	-10.71(2)	-1.51(4)	2.11(10-I-3)	256005(4)	26417(4)	-13915(2)
31	15	-9.77(2)	-1.35(4)	1.96(10-I-3)	251968(4)	26876(4)	-12903(2)
31	16	-9.35(4)	-1.25(4)	1.86(10-I-3)	248211(4)	27047(4)	-12097(2)
32	1	-26.74(2)	-0.18(1)	1.55(1)	261587(4)	1830(4)	-4849(2)
32	2	-22.42(2)	-0.98(1)	3.48(1)	260001(4)	7664(4)	-10818(2)
32	3	-18.13(2)	-1.72(1)	3.81(1)	253813(4)	14163(4)	-12727(2)
32	4	-14.80(2)	-2.05(5)	3.26(1)	247095(4)	18951(4)	-12410(2)
32	5	-27.52(2)	-0.21(1)	1.70(1)	270271(4)	2124(11-I-4)	-5747(2)
32	6	-22.65(2)	-1.08(1)	3.74(1)	268128(4)	8418(4)	-12676(2)
32	7	-18.01(2)	-1.81(1)	3.95(1)	261033(4)	15353(4)	-14585(2)
32	8	-14.56(2)	-2.06(5)	3.28(1)	253668(4)	20237(4)	-13958(2)
32	9	-28.42(2)	-0.24(1)	1.88(1)	279432(4)	2501(11-I-4)	-6790(2)
32	10	-22.82(2)	-1.20(1)	4.01(1)	276533(4)	9338(4)	-14741(2)
32	11	-17.80(2)	-1.90(1)	4.08(1)	268324(4)	16733(4)	-16566(2)
32	12	-14.26(2)	-2.04(5)	3.26(1)	260259(4)	21667(4)	-15516(2)
32	13	-29.55(2)	-0.37(1)	2.11(1)	289144(4)	3035(11-I-4)	-8016(2)
32	14	-22.92(2)	-1.30(1)	4.23(1)	285196(4)	10492(11-I-4)	-17042(2)
32	15	-17.36(2)	-1.98(1)	4.19(1)	275638(4)	18351(4)	-18652(2)
32	16	-13.88(2)	-1.99(5)	3.23(1)	266829(4)	23262(4)	-17039(2)
33	1	-8.92(4)	-1.06(4)	1.64(10-I-3)	243817(4)	26763(4)	-12053(12-II-3)
33	2	-8.97(4)	-1.10(4)	1.63(10-I-3)	242082(4)	26359(4)	-11980(12-II-3)
33	3	-9.01(4)	-1.15(4)	1.62(10-I-3)	240347(4)	25868(4)	-11911(12-II-3)
33	4	-9.05(4)	-1.20(4)	1.61(10-I-3)	238602(4)	25281(4)	-11836(12-II-3)
33	5	-8.75(4)	0.81(12-II-4)	1.63(10-I-3)	262306(4)	28847(4)	-12674(12-II-3)
33	6	-8.81(4)	-0.86(4)	1.62(10-I-3)	260562(4)	28415(4)	-12618(12-II-3)
33	7	-8.88(4)	-0.95(4)	1.60(10-I-3)	258818(4)	27927(4)	-12565(12-II-3)
33	8	-8.93(4)	-1.05(4)	1.59(10-I-3)	257067(4)	27415(4)	-12518(12-II-3)
33	9	-8.56(4)	1.33(12-II-4)	1.66(10-I-3)	281807(4)	30498(4)	-12234(12-II-3)
33	10	-8.64(4)	1.21(12-II-4)	1.64(10-I-3)	280154(4)	30056(4)	-12233(12-II-3)
33	11	-8.73(4)	1.08(12-II-4)	1.62(10-I-3)	278529(4)	29592(4)	-12284(12-II-3)
33	12	-8.80(4)	-0.97(4)	1.61(10-I-3)	276778(4)	29087(4)	-12357(12-II-3)
33	13	-8.33(4)	1.89(2)	1.72(10-I-3)	302576(4)	31211(4)	15000(10-I-3)
33	14	-8.44(4)	1.68(2)	1.70(10-I-3)	301246(4)	30985(4)	14861(10-I-3)
33	15	-8.53(4)	1.49(2)	1.68(10-I-3)	299700(4)	30653(4)	14723(10-I-3)
33	16	-8.65(4)	1.32(12-II-4)	1.65(10-I-3)	298245(4)	30139(4)	14600(10-I-3)
34	1	-8.89(4)	-0.79(4)	1.74(10-I-3)	256775(4)	28609(4)	-12745(2)
34	2	-8.82(4)	-0.83(4)	1.70(10-I-3)	253226(4)	28328(4)	-12342(12-II-3)
34	3	-8.82(4)	-0.90(4)	1.67(10-I-3)	249764(4)	27933(4)	-12234(12-II-3)
34	4	-8.87(4)	-0.98(4)	1.65(10-I-3)	246380(4)	27415(4)	-12136(12-II-3)
34	5	-8.56(4)	1.31(12-II-4)	1.71(10-I-3)	275455(4)	30835(4)	-13255(2)
34	6	-8.53(4)	1.21(12-II-4)	1.69(10-I-3)	271818(4)	30418(4)	-12931(12-II-3)
34	7	-8.57(4)	1.08(12-II-4)	1.66(10-I-3)	268290(4)	29960(4)	-12845(12-II-3)
34	8	-8.66(4)	0.93(12-II-4)	1.64(10-I-3)	264868(4)	29371(4)	-12749(12-II-3)
34	9	-8.28(4)	2.32(12-II-4)	1.77(10-I-3)	295094(4)	32495(4)	-11856(12-II-3)
34	10	-8.27(4)	2.06(12-II-4)	1.74(10-I-3)	291393(4)	31973(4)	-12005(12-II-3)
34	11	-8.33(4)	1.79(12-II-4)	1.71(10-I-3)	287778(4)	31483(4)	-12132(12-II-3)
34	12	-8.44(4)	1.53(12-II-4)	1.68(10-I-3)	284326(4)	31010(4)	-12203(12-II-3)
34	13	-8.01(4)	3.57(2)	1.95(10-I-3)	316370(4)	32649(4)	16016(10-I-3)
34	14	-8.01(4)	3.03(2)	1.89(10-I-3)	312571(4)	32145(4)	15697(10-I-3)
34	15	-8.08(4)	2.56(2)	1.83(10-I-3)	308928(4)	31701(4)	15333(10-I-3)
34	16	-8.18(4)	2.17(2)	1.77(10-I-3)	305134(4)	31354(4)	14939(10-I-3)
35	1	-11.26(2)	-1.24(4)	2.17(10-I-3)	272864(4)	28335(4)	-17027(2)
35	2	-10.16(2)	-1.00(4)	1.98(10-I-3)	268331(4)	28757(4)	-15471(2)
35	3	-9.39(2)	-0.85(4)	1.86(10-I-3)	264254(4)	28857(4)	-14341(2)
35	4	-9.06(4)	-0.79(4)	1.79(10-I-3)	260436(4)	28789(4)	-13469(2)
35	5	-10.49(2)	1.08(12-II-4)	1.91(10-I-3)	291434(4)	32629(4)	-17447(2)
35	6	-9.61(2)	1.29(12-II-4)	1.83(10-I-3)	287080(4)	32147(4)	-15799(2)
35	7	-8.96(2)	1.38(12-II-4)	1.77(10-I-3)	283062(4)	31667(4)	-14713(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
35	8	-8.68(4)	1.38(12-II-4)	1.74(10-I-3)	279199(4)	31241(4)	-13917(2)
35	9	-10.02(2)	3.15(1)	1.82(10-I-3)	310696(4)	36159(4)	-11977(12-II-3)
35	10	-9.25(2)	3.07(1)	1.83(10-I-3)	306767(4)	34780(4)	-11616(12-II-3)
35	11	-8.65(2)	2.85(2)	1.81(10-I-3)	302844(4)	33814(4)	-11602(12-II-3)
35	12	-8.37(4)	2.57(2)	1.79(10-I-3)	298922(4)	33080(4)	-11708(12-II-3)
35	13	-9.85(2)	6.56(1)	2.11(10-I-3)	332111(4)	37211(4)	16424(10-I-3)
35	14	-9.03(2)	5.70(1)	2.10(10-I-3)	328486(4)	35514(4)	16603(10-I-3)
35	15	-8.41(2)	4.91(1)	2.06(10-I-3)	324424(4)	34233(4)	16527(10-I-3)
35	16	-8.10(4)	4.20(1)	2.01(10-I-3)	320351(4)	33326(4)	16305(10-I-3)
36	1	-31.51(2)	-0.30(1)	2.58(1)	310803(4)	4105(11-I-4)	-11351(1)
36	2	-23.16(2)	-1.66(1)	4.84(1)	302653(4)	14078(11-I-4)	-22767(1)
36	3	-17.01(2)	-2.01(5)	4.22(1)	289396(4)	22695(4)	-22774(2)
36	4	-13.26(2)	-1.64(4)	2.93(1)	279307(4)	26980(4)	-19557(2)
36	5	-35.49(2)	-0.51(1)	3.71(1)	349096(4)	7766(11-I-4)	-20120(1)
36	6	-22.66(2)	-2.11(1)	5.44(1)	327928(4)	22887(11-I-4)	-33505(1)
36	7	-15.63(2)	-1.42(4)	3.62(1)	307749(4)	31946(11-I-4)	-27316(1)
36	8	-12.13(2)	0.63(12-II-4)	2.14(1)	297262(4)	32917(4)	-20565(2)
36	9	-39.30(2)	-1.47(1)	5.40(1)	397881(4)	15300(1)	-37487(1)
36	10	-21.15(2)	-0.97(4)	4.54(1)	344024(4)	42312(1)	-39820(1)
36	11	-13.92(2)	2.26(11-I-2)	2.06(5)	321997(4)	41381(11-I-4)	-22091(13-I-2)
36	12	-11.25(2)	2.97(1)	1.81(10-I-3)	315537(4)	38407(11-I-4)	-14604(13-I-2)
36	13	-42.52(2)	5.76(11-I-1)	6.06(5)	438207(1)	57486(1)	-54439(1)
36	14	-17.72(2)	8.64(1)	1.31(10-I-3)	344780(4)	51653(1)	-12274(13-I-2)
36	15	-13.22(2)	8.54(1)	1.78(10-I-3)	340595(4)	44636(1)	12264(10-I-3)
36	16	-11.01(2)	7.59(1)	2.05(10-I-3)	336180(4)	40142(4)	15136(10-I-3)
37	1	-10.69(4)	-1.39(4)	1.88(10-I-3)	194389(11-II-1)	24097(11-II-1)	12730(4)
37	2	-10.13(4)	-1.38(4)	1.81(10-I-3)	193105(11-II-1)	24234(11-II-1)	12295(4)
37	3	-10.01(4)	-1.37(4)	2.15(10-I-3)	193890(11-II-1)	24339(11-II-1)	10447(12-II-3)
37	4	-10.35(4)	-1.34(4)	1.99(10-I-3)	196717(11-II-1)	24419(11-II-1)	9817(12-II-3)
37	5	-10.63(4)	-1.50(2)	1.88(10-I-3)	179863(11-II-1)	22099(11-II-1)	12273(4)
37	6	-10.21(4)	-1.56(4)	1.90(10-I-3)	179738(11-II-1)	22531(11-II-1)	11895(4)
37	7	-10.09(4)	-1.53(4)	2.06(10-I-3)	180515(11-II-1)	22653(11-II-1)	10282(12-II-3)
37	8	-10.26(4)	-1.41(4)	2.04(10-I-3)	182248(11-II-1)	22462(11-II-1)	9849(12-II-3)
37	9	-10.56(4)	-1.66(2)	1.92(10-I-3)	166564(11-II-1)	20427(11-II-1)	12143(4)
37	10	-10.26(4)	-1.69(2)	1.95(10-I-3)	166980(11-II-1)	20703(11-II-1)	11667(4)
37	11	-10.14(4)	-1.64(2)	2.03(10-I-3)	167698(11-II-1)	20834(11-II-1)	10551(4)
37	12	-10.19(4)	-1.54(2)	2.03(10-I-3)	168814(11-II-1)	20799(11-II-1)	9801(4)
37	13	-10.52(4)	-1.81(2)	1.96(10-I-3)	154250(11-II-1)	18801(11-II-1)	12175(4)
37	14	-10.29(4)	-1.80(2)	1.98(10-I-3)	154814(11-II-1)	19000(11-II-1)	11677(4)
37	15	-10.16(4)	-1.75(2)	2.02(10-I-3)	155516(11-II-1)	19135(11-II-1)	10894(4)
37	16	-10.14(4)	-1.66(2)	2.03(10-I-3)	156388(11-II-1)	19204(11-II-1)	10205(4)
38	1	-10.36(4)	-1.32(4)	2.00(10-I-3)	197718(11-II-1)	24558(11-II-1)	10787(12-II-3)
38	2	-9.98(4)	-1.33(4)	1.87(10-I-3)	197003(11-II-1)	24751(11-II-1)	10703(12-II-3)
38	3	-9.99(4)	-1.34(4)	2.21(10-I-3)	198446(11-II-1)	24913(11-II-1)	9315(12-II-3)
38	4	-10.51(4)	-1.32(4)	2.05(10-I-3)	201860(11-II-1)	25050(11-II-1)	8720(12-II-3)
38	5	-10.24(4)	-1.38(4)	1.98(10-I-3)	183183(11-II-1)	22604(11-II-1)	10241(12-II-3)
38	6	-10.03(4)	-1.46(4)	1.98(10-I-3)	183410(11-II-1)	23065(11-II-1)	10111(12-II-3)
38	7	-10.06(4)	-1.44(4)	2.12(10-I-3)	184684(11-II-1)	23197(11-II-1)	9201(12-II-3)
38	8	-10.41(4)	-1.31(4)	2.10(10-I-3)	186772(11-II-1)	23034(11-II-1)	8760(12-II-3)
38	9	-10.16(4)	-1.49(2)	2.01(10-I-3)	169734(11-II-1)	20935(11-II-1)	9541(4)
38	10	-10.06(4)	-1.51(4)	2.03(10-I-3)	170424(11-II-1)	21235(11-II-1)	9297(12-II-3)
38	11	-10.09(4)	-1.47(4)	2.09(10-I-3)	171478(11-II-1)	21364(11-II-1)	8791(12-II-1)
38	12	-10.30(4)	-1.36(4)	2.09(10-I-3)	172871(11-II-1)	21355(11-II-1)	8517(2)
38	13	-10.11(4)	-1.60(2)	2.03(10-I-3)	157224(11-II-1)	19331(11-II-1)	9673(4)
38	14	-10.06(4)	-1.56(2)	2.04(10-I-3)	158006(11-II-1)	19523(11-II-1)	9074(2)
38	15	-10.09(4)	-1.50(2)	2.07(10-I-3)	158940(11-II-1)	19655(11-II-1)	8794(2)
38	16	-10.21(4)	-1.39(4)	2.07(10-I-3)	160022(11-II-1)	19722(11-II-1)	8610(2)
39	1	-10.77(4)	-1.30(4)	2.09(10-I-3)	203031(11-II-1)	25175(11-II-1)	9747(2)
39	2	-10.73(4)	-1.30(4)	1.93(10-I-3)	202285(11-II-2)	25400(11-II-2)	9600(12-II-3)
39	3	-10.71(4)	-1.31(4)	2.05(10-I-3)	203295(11-II-2)	25498(11-II-2)	8503(12-II-3)
39	4	-10.74(4)	-1.30(4)	1.78(10-I-3)	205781(11-II-2)	25482(11-II-2)	7918(12-II-3)
39	5	-10.55(4)	-1.27(4)	2.04(10-I-3)	187842(11-II-1)	23136(11-II-1)	8997(12-II-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
39	6	-10.59(4)	-1.27(4)	2.01(10-I-3)	188145(11-II-2)	23553(11-II-2)	8916(12-II-3)
39	7	-10.59(4)	-1.27(4)	1.94(10-I-3)	189006(11-II-2)	23623(11-II-2)	8442(12-II-3)
39	8	-10.54(4)	-1.25(4)	1.86(10-I-3)	190230(11-II-2)	23376(11-II-2)	8163(12-II-3)
39	9	-10.41(4)	-1.29(4)	2.04(10-I-3)	173855(11-II-1)	21438(11-II-1)	8630(2)
39	10	-10.45(4)	-1.27(4)	2.00(10-I-3)	174412(11-II-2)	21576(11-II-2)	8562(2)
39	11	-10.44(4)	-1.26(4)	1.94(10-I-3)	175126(11-II-2)	21650(11-II-2)	8355(2)
39	12	-10.41(4)	-1.25(4)	1.87(10-I-3)	175861(11-II-2)	21651(11-II-2)	8196(2)
39	13	-10.29(4)	-1.32(4)	2.03(10-I-3)	160845(11-II-1)	19773(11-II-1)	8537(2)
39	14	-10.31(4)	-1.29(4)	1.99(10-I-3)	161367(11-II-1)	19839(11-II-2)	8450(2)
39	15	-10.31(4)	-1.27(4)	1.94(10-I-3)	161954(11-II-2)	19904(11-II-2)	8308(2)
39	16	-10.29(4)	-1.26(4)	1.89(10-I-3)	162577(11-II-2)	19947(11-II-2)	8142(2)
40	1	-10.54(4)	-1.30(4)	1.75(10-I-3)	206649(11-II-2)	25641(11-II-2)	8944(2)
40	2	-10.06(4)	-1.30(4)	1.61(10-I-3)	206083(11-II-2)	25853(11-II-2)	8603(12-II-3)
40	3	-10.05(4)	-1.30(4)	1.99(10-I-3)	207685(11-II-2)	26024(11-II-2)	7137(12-II-3)
40	4	-10.45(4)	-1.27(4)	1.75(10-I-3)	211165(11-II-2)	26153(11-II-2)	6298(10-II-3)
40	5	-10.42(4)	-1.26(4)	1.75(10-I-3)	191061(11-II-2)	23530(11-II-2)	8419(2)
40	6	-10.10(4)	-1.35(4)	1.73(10-I-3)	191565(11-II-2)	23995(11-II-2)	8062(12-II-3)
40	7	-10.08(4)	-1.33(4)	1.87(10-I-3)	192977(11-II-2)	24116(11-II-2)	7011(10-II-1)
40	8	-10.30(4)	-1.21(4)	1.81(10-I-3)	195190(11-II-2)	23911(11-II-2)	6480(10-II-1)
40	9	-10.31(4)	-1.27(4)	1.80(10-I-3)	176717(11-II-2)	21751(11-II-2)	8080(2)
40	10	-10.11(4)	-1.32(4)	1.78(10-I-3)	177619(11-II-2)	22006(11-II-2)	7618(10-II-1)
40	11	-10.07(4)	-1.29(4)	1.83(10-I-3)	178820(11-II-2)	22103(11-II-2)	6974(10-II-1)
40	12	-10.17(4)	-1.20(4)	1.80(10-I-3)	180350(11-II-2)	22027(11-II-2)	6505(10-II-1)
40	13	-10.21(4)	-1.27(4)	1.83(10-I-3)	163374(11-II-2)	20026(11-II-2)	7840(2)
40	14	-10.08(4)	-1.29(4)	1.81(10-I-3)	164348(11-II-2)	20156(11-II-2)	7284(10-II-1)
40	15	-10.04(4)	-1.26(4)	1.81(10-I-3)	165430(11-II-2)	20229(11-II-2)	6805(10-II-1)
40	16	-10.07(4)	-1.19(4)	1.79(10-I-3)	166615(11-II-2)	20226(11-II-2)	6367(10-II-1)
41	1	-10.47(4)	-1.27(4)	1.73(10-I-3)	212420(11-II-2)	26316(11-II-2)	6928(10-II-1)
41	2	-10.11(4)	-1.27(4)	1.52(10-I-3)	211712(11-II-2)	26500(11-II-2)	6540(10-II-1)
41	3	-10.11(4)	-1.26(4)	1.88(10-I-3)	213038(11-II-2)	26612(11-II-2)	-5542(12-I-1)
41	4	-10.37(4)	-1.24(4)	1.57(10-I-3)	215822(11-II-2)	26677(11-II-2)	-5465(12-I-1)
41	5	-10.31(4)	-1.18(4)	1.70(10-I-3)	196373(11-II-2)	24047(11-II-2)	6603(10-II-1)
41	6	-10.09(4)	-1.26(4)	1.65(10-I-3)	196636(11-II-2)	24472(11-II-2)	6228(10-II-1)
41	7	-10.08(4)	-1.23(4)	1.75(10-I-3)	197766(11-II-2)	24513(11-II-2)	5239(10-II-1)
41	8	-10.19(4)	-1.13(4)	1.65(10-I-3)	199556(11-II-2)	24265(11-II-2)	-5031(12-I-1)
41	9	-10.17(4)	-1.16(4)	1.72(10-I-3)	181489(11-II-2)	22118(11-II-2)	6284(10-II-1)
41	10	-10.05(4)	-1.19(4)	1.69(10-I-3)	182233(11-II-2)	22344(11-II-2)	5874(10-II-1)
41	11	-10.02(4)	-1.16(4)	1.71(10-I-3)	183182(11-II-2)	22364(11-II-2)	5184(10-II-1)
41	12	-10.05(4)	-1.09(4)	1.67(10-I-3)	184370(11-II-2)	22188(11-II-2)	4579(10-II-1)
41	13	-10.06(4)	-1.14(4)	1.74(10-I-3)	167638(11-II-2)	20275(11-II-2)	6013(10-II-1)
41	14	-9.99(4)	-1.13(4)	1.71(10-I-3)	168478(11-II-2)	20360(11-II-2)	5580(10-II-1)
41	15	-9.95(4)	-1.10(4)	1.70(10-I-3)	169352(11-II-2)	20345(11-II-2)	5019(10-II-1)
41	16	-9.94(4)	-1.05(4)	1.67(10-I-3)	170287(11-II-2)	20201(11-II-2)	4461(10-II-1)
42	1	-10.13(4)	-1.23(4)	1.60(10-I-3)	216587(11-II-2)	26796(11-II-2)	4505(10-II-1)
42	2	-9.78(4)	-1.24(4)	1.51(10-I-3)	216488(11-II-2)	26778(11-II-2)	-5208(12-I-1)
42	3	-9.91(8)	-1.23(4)	1.89(10-I-3)	217459(11-II-2)	26592(11-II-2)	-6116(12-I-1)
42	4	-10.63(8)	-1.23(10-I-3)	1.82(10-I-3)	218607(11-II-2)	26081(11-II-2)	-7020(3)
42	5	-10.04(4)	-1.16(4)	1.58(10-I-3)	200455(11-II-2)	24308(11-II-2)	-4513(12-I-1)
42	6	-9.81(4)	-1.20(4)	1.60(10-I-3)	200855(11-II-2)	24194(11-II-2)	-5046(12-I-1)
42	7	-9.94(8)	-1.19(10-I-3)	1.83(10-I-3)	201755(11-II-2)	23482(11-II-2)	-5914(12-I-1)
42	8	-10.53(8)	-1.13(10-I-3)	1.89(10-I-3)	202716(11-II-2)	21887(11-II-2)	-6582(3)
42	9	-9.95(4)	-1.09(4)	1.61(10-I-3)	185334(11-II-2)	22056(11-II-2)	-4375(12-I-1)
42	10	-9.80(4)	-1.12(10-I-3)	1.64(10-I-3)	186011(11-II-2)	21674(11-II-2)	-4822(12-I-1)
42	11	-9.94(8)	-1.10(10-I-3)	1.79(10-I-3)	186824(11-II-2)	20579(11-II-2)	-5549(12-I-1)
42	12	-10.44(8)	-0.97(10-I-3)	1.83(10-I-3)	187756(11-II-2)	18322(11-II-2)	-6150(12-I-1)
42	13	-9.86(4)	-1.03(4)	1.63(10-I-3)	171179(11-II-2)	19949(11-II-2)	-4073(12-I-1)
42	14	-9.76(4)	-1.04(10-I-3)	1.66(10-I-3)	171970(11-II-2)	19326(11-II-2)	-4509(12-I-1)
42	15	-9.92(8)	-0.99(10-I-3)	1.74(10-I-3)	172803(11-II-2)	17952(11-II-2)	-5151(12-I-1)
42	16	-10.32(8)	-0.81(10-I-3)	1.73(10-I-3)	173742(11-II-2)	15315(11-II-2)	-5705(12-I-1)
43	1	-10.07(4)	-1.69(2)	2.04(10-I-3)	148121(13-II-1)	18091(13-II-1)	9873(4)
43	2	-10.04(4)	-1.63(2)	2.05(10-I-3)	148576(13-II-1)	18189(13-II-1)	9192(4)
43	3	-10.06(4)	-1.54(2)	2.06(10-I-3)	149105(13-II-1)	18263(13-II-1)	8742(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
43	4	-10.14(4)	-1.44(2)	2.05(10-I-3)	149706(13-II-1)	18297(13-II-1)	8577(2)
43	5	-10.04(4)	-1.77(2)	2.05(10-I-3)	143012(13-II-1)	17363(13-II-1)	10054(4)
43	6	-10.01(4)	-1.68(2)	2.05(10-I-3)	143417(13-II-1)	17441(13-II-1)	9401(4)
43	7	-10.02(4)	-1.59(2)	2.05(10-I-3)	143857(13-II-1)	17501(13-II-1)	8732(4)
43	8	-10.07(4)	-1.48(2)	2.04(10-I-3)	144333(13-II-1)	17530(13-II-1)	8449(2)
43	9	-10.00(4)	-1.84(2)	2.05(10-I-3)	138066(13-II-1)	16651(13-II-1)	10171(4)
43	10	-9.98(4)	-1.74(2)	2.04(10-I-3)	138405(13-II-1)	16728(13-II-1)	9548(4)
43	11	-9.98(4)	-1.63(2)	2.04(10-I-3)	138762(13-II-1)	16772(13-II-1)	8927(4)
43	12	-10.00(4)	-1.52(2)	2.03(10-I-3)	139144(13-II-1)	16773(13-II-1)	8311(4)
43	13	-9.98(4)	-1.88(2)	2.04(10-I-3)	133273(13-II-1)	15970(13-II-1)	10228(4)
43	14	-9.95(4)	-1.77(2)	2.03(10-I-3)	133548(13-II-1)	16032(13-II-1)	9642(4)
43	15	-9.93(4)	-1.67(2)	2.02(10-I-3)	133848(13-II-1)	16061(13-II-1)	9024(4)
43	16	-9.94(4)	-1.56(2)	2.00(10-I-3)	134141(13-II-1)	16050(13-II-1)	8418(4)
44	1	-10.19(4)	-1.36(2)	2.02(10-I-3)	150175(13-II-1)	18308(13-II-1)	8446(2)
44	2	-10.20(4)	-1.32(4)	1.98(10-I-3)	150479(13-II-1)	18320(13-II-2)	8327(2)
44	3	-10.20(4)	-1.29(4)	1.94(10-I-3)	150774(13-II-2)	18339(13-II-2)	8172(2)
44	4	-10.18(4)	-1.28(4)	1.90(10-I-3)	151178(13-II-2)	18345(13-II-2)	7977(2)
44	5	-10.09(4)	-1.41(2)	2.01(10-I-3)	144705(13-II-1)	17531(13-II-1)	8296(2)
44	6	-10.10(4)	-1.36(2)	1.97(10-I-3)	144954(13-II-1)	17526(13-II-2)	8157(2)
44	7	-10.10(4)	-1.32(2)	1.94(10-I-3)	145184(13-II-1)	17531(13-II-2)	7982(2)
44	8	-10.08(4)	-1.29(4)	1.91(10-I-3)	145470(13-II-2)	17520(13-II-2)	7765(2)
44	9	-10.01(4)	-1.46(2)	2.00(10-I-3)	139441(13-II-1)	16768(13-II-1)	8079(2)
44	10	-10.01(4)	-1.40(2)	1.96(10-I-3)	139634(13-II-1)	16764(13-II-1)	7929(2)
44	11	-10.01(4)	-1.34(2)	1.94(10-I-3)	139820(13-II-1)	16748(13-II-2)	7753(2)
44	12	-9.99(4)	-1.30(2)	1.92(10-I-3)	139998(13-II-1)	16704(13-II-2)	7529(2)
44	13	-9.94(4)	-1.47(2)	1.97(10-I-3)	134358(13-II-1)	16030(13-II-1)	7962(4)
44	14	-9.94(4)	-1.42(2)	1.94(10-I-3)	134515(13-II-1)	16012(13-II-1)	7666(2)
44	15	-9.93(4)	-1.38(2)	1.92(10-I-3)	134670(13-II-1)	15973(13-II-2)	7467(2)
44	16	-9.91(4)	-1.33(2)	1.90(10-I-3)	134819(13-II-1)	15912(13-II-2)	7233(2)
45	1	-10.48(4)	-1.93(2)	1.99(10-I-3)	146629(13-II-1)	17752(13-II-1)	12244(4)
45	2	-10.29(4)	-1.90(2)	2.00(10-I-3)	146898(13-II-1)	17871(13-II-1)	11765(4)
45	3	-10.17(4)	-1.84(2)	2.02(10-I-3)	147241(13-II-1)	17958(13-II-1)	11127(4)
45	4	-10.11(4)	-1.76(2)	2.04(10-I-3)	147672(13-II-1)	18015(13-II-1)	10484(4)
45	5	-10.45(4)	-2.04(2)	2.02(10-I-3)	141684(13-II-1)	17014(13-II-1)	12298(4)
45	6	-10.28(4)	-1.99(2)	2.02(10-I-3)	141956(13-II-1)	17130(13-II-1)	11841(4)
45	7	-10.16(4)	-1.93(2)	2.03(10-I-3)	142266(13-II-1)	17221(13-II-1)	11275(4)
45	8	-10.08(4)	-1.85(2)	2.04(10-I-3)	142626(13-II-1)	17291(13-II-1)	10671(4)
45	9	-10.41(4)	-2.15(2)	2.04(10-I-3)	136913(13-II-1)	16292(13-II-1)	12303(4)
45	10	-10.25(4)	-2.09(2)	2.03(10-I-3)	137164(13-II-1)	16427(13-II-1)	11862(4)
45	11	-10.15(4)	-2.00(2)	2.04(10-I-3)	137433(13-II-1)	16520(13-II-1)	11350(4)
45	12	-10.06(4)	-1.92(2)	2.05(10-I-3)	137738(13-II-1)	16582(13-II-1)	10780(4)
45	13	-10.39(4)	-2.22(2)	2.04(10-I-3)	132314(13-II-1)	15606(13-II-1)	12244(4)
45	14	-10.24(4)	-2.15(2)	2.03(10-I-3)	132526(13-II-1)	15744(13-II-1)	11832(4)
45	15	-10.11(4)	-2.08(2)	2.03(10-I-3)	132766(13-II-1)	15839(13-II-1)	11330(4)
45	16	-10.03(4)	-1.98(2)	2.04(10-I-3)	133018(13-II-1)	15905(13-II-1)	10784(4)
46	1	-10.12(4)	-1.27(4)	1.86(10-I-3)	151707(13-II-2)	18375(11-II-2)	7616(2)
46	2	-10.04(4)	-1.26(4)	1.82(10-I-3)	152370(13-II-2)	18441(11-II-2)	6980(10-II-1)
46	3	-9.99(4)	-1.22(4)	1.81(10-I-3)	153066(13-II-2)	18486(11-II-2)	6569(10-II-1)
46	4	-9.99(4)	-1.17(4)	1.78(10-I-3)	153846(11-II-2)	18497(11-II-2)	6154(10-II-1)
46	5	-10.04(4)	-1.27(4)	1.87(10-I-3)	145947(13-II-2)	17490(13-II-2)	7383(2)
46	6	-9.98(4)	-1.24(4)	1.83(10-I-3)	146550(13-II-2)	17451(13-II-2)	6748(2)
46	7	-9.93(4)	-1.20(4)	1.81(10-I-3)	147152(13-II-2)	17400(13-II-2)	6306(10-II-1)
46	8	-9.91(4)	-1.14(4)	1.78(10-I-3)	147755(13-II-2)	17318(13-II-2)	5908(10-II-1)
46	9	-9.96(4)	-1.26(4)	1.88(10-I-3)	140404(13-II-2)	16642(13-II-2)	7126(2)
46	10	-9.91(4)	-1.22(4)	1.83(10-I-3)	140932(13-II-2)	16585(13-II-2)	6511(2)
46	11	-9.86(4)	-1.17(4)	1.80(10-I-3)	141444(13-II-2)	16499(13-II-2)	6039(10-II-1)
46	12	-9.83(4)	-1.12(4)	1.78(10-I-3)	141961(13-II-2)	16370(13-II-2)	5658(10-II-1)
46	13	-9.88(4)	-1.26(2)	1.87(10-I-3)	135067(13-II-2)	15827(13-II-2)	6855(2)
46	14	-9.84(4)	-1.21(4)	1.82(10-I-3)	135509(13-II-2)	15735(13-II-2)	6272(2)
46	15	-9.79(4)	-1.15(4)	1.79(10-I-3)	135970(13-II-2)	15614(13-II-2)	5756(10-II-1)
46	16	-9.76(4)	-1.09(4)	1.76(10-I-3)	136410(13-II-2)	15456(13-II-2)	5396(10-II-1)
47	1	-9.97(4)	-1.12(4)	1.75(10-I-3)	154761(11-II-2)	18512(11-II-2)	5757(10-II-1)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
47	2	-9.92(4)	-1.09(4)	1.72(10-I-3)	155580(11-II-2)	18522(11-II-2)	5319(10-II-1)
47	3	-9.87(4)	-1.05(4)	1.70(10-I-3)	156379(11-II-2)	18462(11-II-2)	4817(10-II-1)
47	4	-9.84(4)	-1.00(4)	1.67(10-I-3)	157173(11-II-2)	18300(11-II-2)	4301(10-II-1)
47	5	-9.88(4)	-1.09(4)	1.75(10-I-3)	148323(13-II-2)	17216(13-II-2)	5505(10-II-1)
47	6	-9.83(4)	-1.05(4)	1.71(10-I-3)	148837(13-II-2)	17084(13-II-2)	5077(10-II-1)
47	7	-9.79(4)	-1.00(4)	1.69(10-I-3)	149321(13-II-2)	16879(13-II-2)	4613(10-II-1)
47	8	-9.75(4)	-0.95(4)	1.66(10-I-3)	149787(13-II-2)	16569(13-II-2)	4131(10-II-1)
47	9	-9.80(4)	-1.06(4)	1.75(10-I-3)	142458(13-II-2)	16233(13-II-2)	5256(10-II-1)
47	10	-9.75(4)	-1.01(4)	1.70(10-I-3)	142915(13-II-2)	16074(13-II-2)	4846(10-II-1)
47	11	-9.70(4)	-0.95(4)	1.67(10-I-3)	143348(13-II-2)	15822(13-II-2)	4420(10-II-1)
47	12	-9.65(4)	-0.90(4)	1.65(10-I-3)	143772(13-II-2)	15446(13-II-2)	3972(10-II-1)
47	13	-9.71(4)	-1.03(4)	1.72(10-I-3)	136818(13-II-2)	15285(13-II-2)	5033(10-II-1)
47	14	-9.67(4)	-0.97(4)	1.68(10-I-3)	137222(13-II-2)	15081(13-II-2)	4645(10-II-1)
47	15	-9.62(4)	-0.91(4)	1.65(10-I-3)	137633(13-II-2)	14786(13-II-2)	4225(10-II-1)
47	16	-9.57(4)	-0.84(4)	1.62(10-I-3)	138033(13-II-2)	14373(13-II-2)	3807(10-II-1)
48	1	-9.77(4)	-0.97(10-I-3)	1.64(10-I-3)	157999(11-II-2)	17963(11-II-2)	3703(10-II-1)
48	2	-9.71(4)	-0.96(10-I-3)	1.65(10-I-3)	158825(11-II-2)	17170(11-II-2)	-4141(12-I-1)
48	3	-9.86(8)	-0.87(10-I-3)	1.68(10-I-3)	159673(11-II-2)	15606(11-II-2)	-4736(12-I-1)
48	4	-10.18(8)	-0.67(10-I-3)	1.60(10-I-3)	160629(11-II-2)	12815(11-II-2)	-5249(12-I-1)
48	5	-9.69(4)	-0.91(10-I-3)	1.64(10-I-3)	150284(13-II-2)	16095(11-II-2)	3557(10-II-1)
48	6	-9.64(4)	-0.87(10-I-3)	1.62(10-I-3)	150797(13-II-2)	15193(11-II-2)	-3742(12-I-1)
48	7	-9.78(8)	-0.76(10-I-3)	1.60(10-I-3)	151342(13-II-2)	13530(11-II-2)	-4311(12-I-1)
48	8	-10.03(8)	-0.55(10-I-3)	1.48(10-I-3)	152006(13-II-2)	10749(11-II-2)	-4782(12-I-1)
48	9	-9.60(4)	-0.84(10-I-3)	1.62(10-I-3)	144256(13-II-2)	14829(13-II-2)	3425(10-II-1)
48	10	-9.57(8)	-0.78(10-I-3)	1.58(10-I-3)	144794(13-II-2)	13704(13-II-2)	-3333(12-I-1)
48	11	-9.68(8)	-0.66(10-I-3)	1.52(10-I-3)	145380(13-II-2)	11854(13-II-2)	-3876(12-I-1)
48	12	-9.87(8)	-0.47(10-I-3)	1.37(10-I-3)	146107(13-II-2)	9084(13-II-2)	-4310(12-I-1)
48	13	-9.51(4)	-0.79(10-I-3)	1.58(10-I-3)	138475(13-II-2)	13704(13-II-2)	3324(10-II-1)
48	14	-9.48(8)	-0.71(10-I-3)	1.52(10-I-3)	139015(13-II-2)	12516(13-II-2)	-2904(12-I-1)
48	15	-9.59(8)	-0.57(10-I-3)	1.43(10-I-3)	139682(13-II-2)	10651(13-II-2)	-3450(12-I-1)
48	16	-9.71(8)	-0.39(10-I-3)	1.24(10-I-3)	140417(13-II-2)	8001(13-II-2)	-3851(12-I-1)
49	1	-9.95(4)	-1.93(2)	2.05(10-I-3)	128737(13-II-1)	15334(13-II-1)	10194(4)
49	2	-9.91(4)	-1.82(2)	2.03(10-I-3)	128954(13-II-1)	15360(13-II-1)	9638(4)
49	3	-9.88(4)	-1.70(2)	2.02(10-I-3)	129182(13-II-1)	15374(13-II-1)	9052(4)
49	4	-9.88(4)	-1.59(2)	2.00(10-I-3)	129401(13-II-1)	15376(13-II-1)	8459(4)
49	5	-9.91(4)	-1.96(2)	2.04(10-I-3)	124463(13-II-1)	14720(13-II-1)	10076(4)
49	6	-9.86(4)	-1.85(2)	2.03(10-I-3)	124621(13-II-1)	14734(13-II-1)	9542(4)
49	7	-9.84(4)	-1.73(2)	2.01(10-I-3)	124774(13-II-1)	14735(13-II-1)	9003(4)
49	8	-9.82(4)	-1.61(2)	1.99(10-I-3)	124934(13-II-1)	14718(13-II-1)	8435(4)
49	9	-9.87(4)	-1.99(2)	2.03(10-I-3)	120364(13-II-1)	14124(13-II-1)	9885(4)
49	10	-9.82(4)	-1.87(2)	2.02(10-I-3)	120463(13-II-1)	14139(13-II-1)	9382(4)
49	11	-9.79(4)	-1.75(2)	2.00(10-I-3)	120562(13-II-1)	14125(13-II-1)	8862(4)
49	12	-9.76(4)	-1.63(2)	1.97(10-I-3)	120663(13-II-1)	14075(13-II-1)	8325(4)
49	13	-9.83(4)	-2.01(2)	2.02(10-I-3)	116452(13-II-1)	13641(2)	9607(4)
49	14	-9.78(4)	-1.89(2)	2.01(10-I-3)	116497(13-II-1)	13565(13-II-1)	9138(4)
49	15	-9.74(4)	-1.76(2)	1.98(10-I-3)	116541(13-II-1)	13536(13-II-1)	8649(4)
49	16	-9.70(4)	-1.64(2)	1.96(10-I-3)	116586(13-II-1)	13466(13-II-1)	8144(4)
50	1	-9.87(4)	-1.50(2)	1.97(10-I-3)	129566(13-II-1)	15331(13-II-1)	8008(4)
50	2	-9.86(4)	-1.44(2)	1.94(10-I-3)	129688(13-II-1)	15271(13-II-1)	7680(4)
50	3	-9.85(4)	-1.39(2)	1.92(10-I-3)	129805(13-II-1)	15210(13-II-1)	7338(4)
50	4	-9.83(4)	-1.34(2)	1.91(10-I-3)	129914(13-II-1)	15163(13-II-2)	7082(1)
50	5	-9.80(4)	-1.53(2)	1.96(10-I-3)	125058(13-II-1)	14656(13-II-1)	7976(4)
50	6	-9.79(4)	-1.46(2)	1.94(10-I-3)	125140(13-II-1)	14585(13-II-1)	7657(4)
50	7	-9.78(4)	-1.40(2)	1.92(10-I-3)	125218(13-II-1)	14510(13-II-1)	7338(4)
50	8	-9.76(4)	-1.35(2)	1.90(10-I-3)	125293(13-II-1)	14438(13-II-2)	7005(4)
50	9	-9.74(4)	-1.54(2)	1.95(10-I-3)	120738(13-II-1)	14001(13-II-1)	7896(4)
50	10	-9.72(4)	-1.48(2)	1.93(10-I-3)	120787(13-II-1)	13932(13-II-1)	7586(4)
50	11	-9.71(4)	-1.42(2)	1.91(10-I-3)	120837(13-II-1)	13845(13-II-1)	7268(4)
50	12	-9.69(4)	-1.36(2)	1.88(10-I-3)	120887(13-II-1)	13738(13-II-1)	6944(4)
50	13	-9.68(4)	-1.55(2)	1.93(10-I-3)	116618(13-II-1)	13377(13-II-1)	7739(4)
50	14	-9.66(4)	-1.48(2)	1.91(10-I-3)	116640(13-II-1)	13296(13-II-1)	7446(4)
50	15	-9.64(4)	-1.42(2)	1.89(10-I-3)	116662(13-II-1)	13196(13-II-1)	7147(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
50	16	-9.62(4)	-1.36(2)	1.87(10-I-3)	116683(13-II-1)	13076(13-II-1)	6888(8)
51	1	-10.37(4)	-2.29(2)	2.06(10-I-3)	127973(13-II-1)	14972(13-II-1)	12114(4)
51	2	-10.22(4)	-2.22(2)	2.05(10-I-3)	128148(13-II-1)	15086(13-II-1)	11710(4)
51	3	-10.09(4)	-2.13(2)	2.05(10-I-3)	128340(13-II-1)	15185(13-II-1)	11241(4)
51	4	-10.00(4)	-2.03(2)	2.05(10-I-3)	128536(13-II-1)	15275(13-II-1)	10726(4)
51	5	-10.34(4)	-2.35(2)	2.07(10-I-3)	123897(13-II-1)	14358(13-II-1)	11905(4)
51	6	-10.19(4)	-2.27(2)	2.06(10-I-3)	124029(13-II-1)	14477(13-II-1)	11502(4)
51	7	-10.06(4)	-2.17(2)	2.06(10-I-3)	124163(13-II-1)	14579(13-II-1)	11073(4)
51	8	-9.98(4)	-2.07(2)	2.05(10-I-3)	124307(13-II-1)	14668(13-II-1)	10597(4)
51	9	-10.31(4)	-2.39(2)	2.07(10-I-3)	120004(13-II-1)	13764(13-II-1)	11606(4)
51	10	-10.15(4)	-2.31(2)	2.07(10-I-3)	120085(13-II-1)	14026(2)	11226(4)
51	11	-10.03(4)	-2.21(2)	2.06(10-I-3)	120171(13-II-1)	14153(2)	10811(4)
51	12	-9.94(4)	-2.10(2)	2.05(10-I-3)	120265(13-II-1)	14114(2)	10364(4)
51	13	-10.27(4)	-2.42(2)	2.08(10-I-3)	116297(13-II-1)	13389(2)	11219(4)
51	14	-10.12(4)	-2.33(2)	2.07(10-I-3)	116328(13-II-1)	13741(2)	10861(4)
51	15	-10.00(4)	-2.23(2)	2.05(10-I-3)	116365(13-II-1)	13884(2)	10470(4)
51	16	-9.90(4)	-2.12(2)	2.04(10-I-3)	116407(13-II-1)	13846(2)	10052(4)
52	1	-9.81(4)	-1.27(2)	1.87(10-I-3)	130057(13-II-1)	15066(13-II-2)	6735(1)
52	2	-9.77(4)	-1.20(4)	1.83(10-I-3)	130400(13-II-2)	14904(13-II-2)	6194(1)
52	3	-9.72(4)	-1.14(4)	1.79(10-I-3)	130786(13-II-2)	14750(13-II-2)	5547(1)
52	4	-9.68(4)	-1.07(4)	1.76(10-I-3)	131153(13-II-2)	14596(13-II-2)	5160(10-II-1)
52	5	-9.73(4)	-1.28(2)	1.87(10-I-3)	125404(13-II-1)	14317(13-II-2)	6626(1)
52	6	-9.69(4)	-1.19(4)	1.82(10-I-3)	125593(13-II-2)	14124(13-II-2)	6096(1)
52	7	-9.65(4)	-1.12(4)	1.78(10-I-3)	125893(13-II-2)	13940(13-II-2)	5505(1)
52	8	-9.60(4)	-1.05(4)	1.75(10-I-3)	126198(13-II-2)	13756(13-II-2)	5105(11-I-4)
52	9	-9.66(4)	-1.28(2)	1.85(10-I-3)	120957(13-II-1)	13584(13-II-2)	6481(1)
52	10	-9.62(4)	-1.18(4)	1.81(10-I-3)	121048(13-II-1)	13379(13-II-2)	5984(1)
52	11	-9.57(4)	-1.10(4)	1.77(10-I-3)	121230(13-II-2)	13168(13-II-2)	5631(11-I-4)
52	12	-9.52(4)	-1.03(4)	1.73(10-I-3)	121481(13-II-2)	12938(13-II-2)	5369(11-I-4)
52	13	-9.59(4)	-1.28(2)	1.84(10-I-3)	116716(13-II-1)	12888(13-II-2)	6552(8)
52	14	-9.55(4)	-1.17(2)	1.80(10-I-3)	116763(13-II-1)	12658(13-II-2)	6092(11-I-4)
52	15	-9.50(4)	-1.09(4)	1.75(10-I-3)	116821(13-II-1)	12419(13-II-2)	5849(11-I-4)
52	16	-9.45(4)	-1.01(4)	1.71(10-I-3)	116984(13-II-2)	12158(13-II-2)	5596(11-I-4)
53	1	-9.64(4)	-1.00(4)	1.72(10-I-3)	131504(13-II-2)	14391(13-II-2)	4815(10-II-1)
53	2	-9.59(4)	-0.93(4)	1.68(10-I-3)	131865(13-II-2)	14112(13-II-2)	4447(10-II-1)
53	3	-9.53(4)	-0.87(4)	1.64(10-I-3)	132234(13-II-2)	13777(13-II-2)	4062(10-II-1)
53	4	-9.48(4)	-0.80(4)	1.61(10-I-3)	132597(13-II-2)	13366(13-II-2)	3679(11-I-4)
53	5	-9.55(4)	-0.98(4)	1.71(10-I-3)	126514(13-II-2)	13518(13-II-2)	4830(11-I-4)
53	6	-9.50(4)	-0.90(4)	1.66(10-I-3)	126828(13-II-2)	13204(13-II-2)	4558(11-I-4)
53	7	-9.45(4)	-0.83(4)	1.62(10-I-3)	127140(13-II-2)	12838(13-II-2)	4275(11-I-4)
53	8	-9.39(4)	-0.75(4)	1.57(10-I-3)	127467(13-II-2)	12401(13-II-2)	3979(11-I-4)
53	9	-9.47(4)	-0.95(4)	1.69(10-I-3)	121742(13-II-2)	12668(13-II-2)	5101(11-I-4)
53	10	-9.42(4)	-0.88(4)	1.64(10-I-3)	122008(13-II-2)	12344(13-II-2)	4827(11-I-4)
53	11	-9.36(4)	-0.80(4)	1.59(10-I-3)	122288(13-II-2)	11954(13-II-2)	4542(11-I-4)
53	12	-9.29(4)	-0.72(4)	1.54(10-I-3)	122594(13-II-2)	11477(13-II-2)	4244(11-I-4)
53	13	-9.39(4)	-0.93(4)	1.66(10-I-3)	117194(13-II-2)	11862(13-II-2)	5333(11-I-4)
53	14	-9.33(4)	-0.85(4)	1.61(10-I-3)	117419(13-II-2)	11515(13-II-2)	5063(11-I-4)
53	15	-9.26(4)	-0.77(4)	1.56(10-I-3)	117666(13-II-2)	11104(13-II-2)	4780(11-I-4)
53	16	-9.19(4)	-0.68(4)	1.50(10-I-3)	117947(13-II-2)	10608(13-II-2)	4486(11-I-4)
54	1	-9.42(4)	-0.72(10-I-3)	1.56(10-I-3)	133025(13-II-2)	12669(13-II-2)	3334(11-I-4)
54	2	-9.39(8)	-0.63(10-I-3)	1.47(10-I-3)	133576(13-II-2)	11405(13-II-2)	2937(11-I-4)
54	3	-9.47(8)	-0.51(10-I-3)	1.36(10-I-3)	134260(13-II-2)	9569(13-II-2)	-3062(13-II-4)
54	4	-9.53(8)	-0.33(10-I-3)	1.17(10-I-3)	135003(13-II-2)	7107(13-II-2)	-3493(13-II-4)
54	5	-9.31(4)	-0.67(10-I-3)	1.51(10-I-3)	127904(13-II-2)	11678(13-II-2)	3613(11-I-4)
54	6	-9.29(8)	-0.58(10-I-3)	1.42(10-I-3)	128464(13-II-2)	10404(13-II-2)	3200(11-I-4)
54	7	-9.35(8)	-0.44(10-I-3)	1.29(10-I-3)	129102(13-II-2)	8626(13-II-2)	-2821(13-II-4)
54	8	-9.37(8)	-0.28(10-I-3)	1.08(10-I-3)	129865(13-II-2)	6323(13-II-2)	-3185(13-II-4)
54	9	-9.21(4)	-0.62(10-I-3)	1.47(10-I-3)	123009(13-II-2)	10732(13-II-2)	3880(11-I-4)
54	10	-9.19(8)	-0.52(10-I-3)	1.36(10-I-3)	123548(13-II-2)	9492(13-II-2)	3453(11-I-4)
54	11	-9.22(8)	-0.39(10-I-3)	1.21(10-I-3)	124185(13-II-2)	7789(13-II-2)	3015(11-I-4)
54	12	-9.21(8)	-0.25(10-I-3)	1.00(10-I-3)	124930(13-II-2)	5630(13-II-2)	-3023(12-II-3)
54	13	-9.10(4)	-0.58(4)	1.42(10-I-3)	118336(13-II-2)	9857(13-II-2)	4123(11-I-4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
54	14	-9.09(8)	-0.47(10-I-3)	1.30(10-I-3)	118854(13-II-2)	8649(13-II-2)	3697(10-I-3)
54	15	-9.09(8)	-0.35(10-I-3)	1.15(10-I-3)	119474(13-II-2)	7028(13-II-2)	3341(10-I-3)
54	16	-9.05(8)	-0.22(10-I-3)	0.93(10-I-3)	120187(13-II-2)	5027(13-II-2)	-3126(12-II-3)
55	1	-9.79(4)	-2.02(2)	2.01(10-I-3)	112732(13-II-1)	13440(2)	9247(4)
55	2	-9.73(4)	-1.90(2)	1.99(10-I-3)	112725(13-II-1)	13047(2)	8814(4)
55	3	-9.69(4)	-1.77(2)	1.97(10-I-3)	112717(13-II-1)	12971(13-II-1)	8362(4)
55	4	-9.65(4)	-1.65(2)	1.94(10-I-3)	112709(13-II-1)	12884(13-II-1)	7892(4)
55	5	-9.75(4)	-2.02(2)	2.00(10-I-3)	109211(13-II-1)	13321(2)	8807(4)
55	6	-9.69(4)	-1.90(2)	1.98(10-I-3)	109153(13-II-1)	12905(2)	8412(4)
55	7	-9.64(4)	-1.77(2)	1.95(10-I-3)	109095(13-II-1)	12433(13-II-1)	8186(10-I-3)
55	8	-9.59(4)	-1.64(2)	1.92(10-I-3)	109037(13-II-1)	12329(13-II-1)	8011(10-I-3)
55	9	-9.71(4)	-2.01(2)	1.98(10-I-3)	110378(4)	13282(2)	9063(10-I-3)
55	10	-9.64(4)	-1.89(2)	1.96(10-I-3)	109416(4)	12845(2)	8899(10-I-3)
55	11	-9.59(4)	-1.76(2)	1.93(10-I-3)	108547(4)	12210(2)	8730(10-I-3)
55	12	-9.54(4)	-1.64(2)	1.90(10-I-3)	107773(4)	11804(13-II-1)	8553(10-I-3)
55	13	-9.66(4)	-2.00(2)	1.96(10-I-3)	112709(4)	13322(2)	9515(10-I-3)
55	14	-9.60(4)	-1.88(2)	1.94(10-I-3)	111609(4)	12867(2)	9356(10-I-3)
55	15	-9.54(4)	-1.75(2)	1.91(10-I-3)	110606(4)	12206(2)	9189(10-I-3)
55	16	-9.49(4)	-1.62(2)	1.88(10-I-3)	109703(4)	11332(2)	9014(10-I-3)
56	1	-9.62(4)	-1.55(2)	1.91(10-I-3)	112702(13-II-1)	12779(13-II-1)	7515(4)
56	2	-9.60(4)	-1.48(2)	1.89(10-I-3)	112697(13-II-1)	12687(13-II-1)	7272(8)
56	3	-9.58(4)	-1.42(2)	1.87(10-I-3)	112692(13-II-1)	12575(13-II-1)	7088(8)
56	4	-9.56(4)	-1.36(2)	1.85(10-I-3)	112687(13-II-1)	12443(13-II-1)	6946(10-I-3)
56	5	-9.56(4)	-1.55(2)	1.90(10-I-3)	108992(13-II-1)	12210(13-II-1)	7870(10-I-3)
56	6	-9.54(4)	-1.48(2)	1.88(10-I-3)	108961(13-II-1)	12107(13-II-1)	7769(10-I-3)
56	7	-9.51(4)	-1.42(2)	1.86(10-I-3)	108930(13-II-1)	11984(13-II-1)	7664(10-I-3)
56	8	-9.49(4)	-1.35(2)	1.83(10-I-3)	108901(13-II-1)	11840(13-II-1)	7557(10-I-3)
56	9	-9.51(4)	-1.54(2)	1.88(10-I-3)	107229(4)	11671(13-II-1)	8411(10-I-3)
56	10	-9.48(4)	-1.47(2)	1.86(10-I-3)	106867(4)	11557(13-II-1)	8309(10-I-3)
56	11	-9.45(4)	-1.41(2)	1.84(10-I-3)	106514(4)	11424(13-II-1)	8203(10-I-3)
56	12	-9.43(4)	-1.34(2)	1.81(10-I-3)	106170(4)	11269(13-II-1)	8094(10-I-3)
56	13	-9.45(4)	-1.53(2)	1.85(10-I-3)	109063(4)	11162(13-II-1)	8873(10-I-3)
56	14	-9.42(4)	-1.46(2)	1.83(10-I-3)	108635(4)	11039(13-II-1)	8771(10-I-3)
56	15	-9.39(4)	-1.39(2)	1.81(10-I-3)	108219(4)	10896(13-II-1)	8665(10-I-3)
56	16	-9.36(4)	-1.33(2)	1.79(10-I-3)	107814(4)	10732(13-II-1)	8557(10-I-3)
57	1	-10.24(4)	-2.44(2)	2.08(10-I-3)	112783(13-II-1)	13169(2)	10747(4)
57	2	-10.08(4)	-2.35(2)	2.06(10-I-3)	112763(13-II-1)	13543(2)	10411(4)
57	3	-9.96(4)	-2.25(2)	2.05(10-I-3)	112750(13-II-1)	13698(2)	10047(4)
57	4	-9.87(4)	-2.14(2)	2.03(10-I-3)	112740(13-II-1)	13659(2)	9658(4)
57	5	-10.19(4)	-2.45(2)	2.07(10-I-3)	112863(4)	13037(2)	10190(4)
57	6	-10.04(4)	-2.36(2)	2.06(10-I-3)	111725(4)	13428(2)	9876(4)
57	7	-9.92(4)	-2.26(2)	2.04(10-I-3)	110659(4)	13592(2)	9540(4)
57	8	-9.83(4)	-2.14(2)	2.02(10-I-3)	109669(4)	13552(2)	9183(4)
57	9	-10.15(4)	-2.45(2)	2.07(10-I-3)	115068(4)	12992(2)	9720(10-I-3)
57	10	-10.00(4)	-2.36(2)	2.05(10-I-3)	113779(4)	13396(2)	9553(10-I-3)
57	11	-9.88(4)	-2.25(2)	2.03(10-I-3)	112564(4)	13566(2)	9389(10-I-3)
57	12	-9.78(4)	-2.14(2)	2.01(10-I-3)	111429(4)	13524(2)	9226(10-I-3)
57	13	-10.10(4)	-2.44(2)	2.06(10-I-3)	117981(4)	13034(2)	10126(10-I-3)
57	14	-9.95(4)	-2.34(2)	2.03(10-I-3)	116543(4)	13447(2)	9975(10-I-3)
57	15	-9.84(4)	-2.24(2)	2.01(10-I-3)	115181(4)	13621(2)	9824(10-I-3)
57	16	-9.74(4)	-2.12(2)	1.99(10-I-3)	113901(4)	13575(2)	9671(10-I-3)
58	1	-9.52(4)	-1.27(2)	1.82(10-I-3)	112685(13-II-1)	12234(13-II-1)	6794(10-I-3)
58	2	-9.47(4)	-1.16(2)	1.78(10-I-3)	112690(13-II-1)	11967(13-II-2)	6587(10-I-3)
58	3	-9.42(4)	-1.08(4)	1.73(10-I-3)	112710(13-II-1)	11701(13-II-2)	6365(10-I-3)
58	4	-9.37(4)	-1.00(4)	1.69(10-I-3)	112749(13-II-1)	11415(13-II-2)	6127(10-I-3)
58	5	-9.45(4)	-1.26(2)	1.80(10-I-3)	108865(13-II-1)	11615(13-II-1)	7400(10-I-3)
58	6	-9.40(4)	-1.16(4)	1.76(10-I-3)	108830(13-II-1)	11312(13-II-1)	7184(10-I-3)
58	7	-9.35(4)	-1.07(4)	1.71(10-I-3)	108813(13-II-1)	11018(13-II-2)	6953(10-I-3)
58	8	-9.29(4)	-0.99(4)	1.66(10-I-3)	108819(13-II-1)	10709(13-II-2)	6708(10-I-3)
58	9	-9.39(4)	-1.25(2)	1.78(10-I-3)	105723(4)	11028(13-II-1)	7934(10-I-3)
58	10	-9.33(4)	-1.15(4)	1.74(10-I-3)	105229(4)	10706(13-II-1)	7712(10-I-3)
58	11	-9.27(4)	-1.06(4)	1.69(10-I-3)	105134(13-II-1)	10374(13-II-1)	7477(10-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
58	12	-9.21(4)	-0.98(4)	1.64(10-I-3)	105107(13-II-1)	10041(13-II-2)	7228(10-I-3)
58	13	-9.32(4)	-1.24(2)	1.76(10-I-3)	107285(4)	10477(13-II-1)	8395(10-I-3)
58	14	-9.26(4)	-1.15(4)	1.71(10-I-3)	106691(4)	10137(13-II-1)	8173(10-I-3)
58	15	-9.20(4)	-1.06(4)	1.66(10-I-3)	106223(4)	9789(13-II-1)	7937(10-I-3)
58	16	-9.13(4)	-0.97(4)	1.61(10-I-3)	105887(4)	9423(13-II-1)	7686(10-I-3)
59	1	-9.31(4)	-0.92(4)	1.64(10-I-3)	112871(13-II-2)	11094(13-II-2)	5875(10-I-3)
59	2	-9.24(4)	-0.83(4)	1.58(10-I-3)	113056(13-II-2)	10727(13-II-2)	5610(10-I-3)
59	3	-9.17(4)	-0.74(4)	1.53(10-I-3)	113270(13-II-2)	10298(13-II-2)	5327(10-I-3)
59	4	-9.09(4)	-0.66(4)	1.46(10-I-3)	113522(13-II-2)	9791(13-II-2)	5031(10-I-3)
59	5	-9.22(4)	-0.90(4)	1.61(10-I-3)	108851(13-II-1)	10367(13-II-2)	6448(10-I-3)
59	6	-9.15(4)	-0.81(4)	1.55(10-I-3)	108917(13-II-2)	9982(13-II-2)	6173(10-I-3)
59	7	-9.08(4)	-0.72(4)	1.49(10-I-3)	109096(13-II-2)	9540(13-II-2)	5883(10-I-3)
59	8	-9.00(4)	-0.63(4)	1.42(10-I-3)	109318(13-II-2)	9028(13-II-2)	5583(10-I-3)
59	9	-9.14(4)	-0.89(4)	1.58(10-I-3)	105110(13-II-1)	9682(13-II-2)	6963(10-I-3)
59	10	-9.07(4)	-0.80(4)	1.52(10-I-3)	105149(13-II-1)	9282(13-II-2)	6684(10-I-3)
59	11	-8.98(4)	-0.71(4)	1.45(10-I-3)	105231(13-II-1)	8831(13-II-2)	6392(10-I-3)
59	12	-8.89(4)	-0.62(4)	1.37(10-I-3)	105362(13-II-1)	8319(13-II-2)	6091(10-I-3)
59	13	-9.06(4)	-0.88(4)	1.55(10-I-3)	105689(4)	9041(13-II-2)	7421(10-I-3)
59	14	-8.98(4)	-0.79(4)	1.48(10-I-3)	105634(4)	8630(13-II-2)	7143(10-I-3)
59	15	-8.89(4)	-0.70(4)	1.41(10-I-3)	105726(4)	8192(12-I-2)	6853(10-I-3)
59	16	-8.79(4)	-0.60(4)	1.33(10-I-3)	105966(4)	7885(12-I-2)	6556(10-I-3)
60	1	-9.00(4)	-0.55(4)	1.37(10-I-3)	113882(13-II-2)	9045(13-II-2)	4673(10-I-3)
60	2	-8.98(8)	-0.43(10-I-3)	1.24(10-I-3)	114373(13-II-2)	7874(13-II-2)	4270(10-I-3)
60	3	-8.96(8)	-0.31(10-I-3)	1.08(10-I-3)	114965(13-II-2)	6341(13-II-2)	3900(10-I-3)
60	4	-8.90(8)	-0.19(10-I-3)	0.87(10-I-3)	115637(13-II-2)	4496(13-II-2)	3573(10-I-3)
60	5	-8.89(8)	-0.52(4)	1.32(10-I-3)	109647(13-II-2)	8293(13-II-2)	5219(10-I-3)
60	6	-8.87(8)	-0.40(4)	1.19(10-I-3)	110104(13-II-2)	7166(13-II-2)	4810(10-I-3)
60	7	-8.83(8)	-0.28(10-I-3)	1.02(10-I-3)	110659(13-II-2)	5723(13-II-2)	4427(10-I-3)
60	8	-8.75(8)	-0.17(10-I-3)	0.81(10-I-3)	111283(13-II-2)	4147(12-I-3)	4065(10-I-3)
60	9	-8.80(8)	-0.51(4)	1.27(10-I-3)	105630(13-II-2)	7600(13-II-2)	5727(10-I-3)
60	10	-8.77(8)	-0.38(4)	1.13(10-I-3)	106122(4)	6680(12-I-3)	5315(10-I-3)
60	11	-8.71(8)	-0.26(4)	0.96(10-I-3)	106890(4)	5492(12-I-3)	4922(10-I-3)
60	12	-8.61(8)	-0.15(10-I-3)	0.76(10-I-3)	107677(4)	3998(12-I-3)	4523(10-I-3)
60	13	-8.70(8)	-0.49(4)	1.22(10-I-3)	106428(4)	7385(12-I-2)	6196(10-I-3)
60	14	-8.66(8)	-0.37(4)	1.08(10-I-3)	107076(4)	6529(12-I-2)	5786(10-I-3)
60	15	-8.58(8)	-0.25(4)	0.91(10-I-3)	107813(4)	5346(12-I-2)	5384(10-I-3)
60	16	-8.47(8)	-0.14(4)	0.71(10-I-3)	108575(4)	3882(12-I-3)	4951(10-I-3)
61	1	-9.62(4)	-1.98(2)	1.94(10-I-3)	115729(4)	13440(2)	9878(10-I-3)
61	2	-9.55(4)	-1.85(2)	1.92(10-I-3)	114493(4)	12969(2)	9726(10-I-3)
61	3	-9.49(4)	-1.73(2)	1.89(10-I-3)	113357(4)	12288(2)	9565(10-I-3)
61	4	-9.44(4)	-1.60(2)	1.86(10-I-3)	112325(4)	11388(2)	9394(10-I-3)
61	5	-9.58(4)	-1.94(2)	1.92(10-I-3)	119415(4)	13636(2)	10153(10-I-3)
61	6	-9.51(4)	-1.82(2)	1.89(10-I-3)	118042(4)	13152(2)	10011(10-I-3)
61	7	-9.45(4)	-1.70(2)	1.86(10-I-3)	116773(4)	12453(2)	9858(10-I-3)
61	8	-9.39(4)	-1.58(2)	1.83(10-I-3)	115612(4)	11533(2)	9694(10-I-3)
61	9	-9.53(4)	-1.90(2)	1.89(10-I-3)	123741(4)	13910(2)	10342(10-I-3)
61	10	-9.46(4)	-1.78(2)	1.87(10-I-3)	122233(4)	13414(2)	10212(10-I-3)
61	11	-9.40(4)	-1.67(2)	1.84(10-I-3)	120830(4)	12702(2)	10070(10-I-3)
61	12	-9.34(4)	-1.55(2)	1.81(10-I-3)	119539(4)	11765(2)	9916(10-I-3)
61	13	-9.49(4)	-1.85(2)	1.87(10-I-3)	128684(4)	14259(2)	10447(10-I-3)
61	14	-9.42(4)	-1.74(2)	1.84(10-I-3)	127041(4)	13754(2)	10331(10-I-3)
61	15	-9.35(4)	-1.62(2)	1.81(10-I-3)	125505(4)	13032(2)	10202(10-I-3)
61	16	-9.29(4)	-1.51(2)	1.78(10-I-3)	124081(4)	12085(2)	10061(10-I-3)
62	1	-9.39(4)	-1.51(2)	1.83(10-I-3)	111588(4)	10788(6)	9255(10-I-3)
62	2	-9.36(4)	-1.44(2)	1.81(10-I-3)	111094(4)	10654(6)	9155(10-I-3)
62	3	-9.33(4)	-1.38(2)	1.79(10-I-3)	110613(4)	10511(6)	9052(10-I-3)
62	4	-9.30(4)	-1.31(2)	1.77(10-I-3)	110145(4)	10356(6)	8945(10-I-3)
62	5	-9.34(4)	-1.49(2)	1.81(10-I-3)	114777(4)	11054(6)	9560(10-I-3)
62	6	-9.31(4)	-1.42(2)	1.79(10-I-3)	114215(4)	10910(6)	9464(10-I-3)
62	7	-9.27(4)	-1.36(2)	1.76(10-I-3)	113668(4)	10757(6)	9364(10-I-3)
62	8	-9.24(4)	-1.30(4)	1.74(10-I-3)	113136(4)	10593(6)	9261(10-I-3)
62	9	-9.29(4)	-1.46(2)	1.78(10-I-3)	118605(4)	11395(6)	9789(10-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
62	10	-9.25(4)	-1.39(2)	1.76(10-I-3)	117974(4)	11244(6)	9698(10-I-3)
62	11	-9.21(4)	-1.34(4)	1.74(10-I-3)	117359(4)	11082(6)	9603(10-I-3)
62	12	-9.18(4)	-1.30(4)	1.71(10-I-3)	116760(4)	10910(6)	9505(10-I-3)
62	13	-9.23(4)	-1.43(4)	1.75(10-I-3)	123046(4)	11812(6)	9943(10-I-3)
62	14	-9.19(4)	-1.38(4)	1.73(10-I-3)	122345(4)	11653(6)	9859(10-I-3)
62	15	-9.16(4)	-1.34(4)	1.71(10-I-3)	121660(4)	11484(6)	9771(10-I-3)
62	16	-9.12(4)	-1.30(4)	1.69(10-I-3)	120992(4)	11304(6)	9680(10-I-3)
63	1	-10.04(4)	-2.42(2)	2.04(10-I-3)	121576(4)	13162(2)	10434(10-I-3)
63	2	-9.90(4)	-2.32(2)	2.02(10-I-3)	119991(4)	13580(2)	10302(10-I-3)
63	3	-9.79(4)	-2.21(2)	1.99(10-I-3)	118484(4)	13754(2)	10165(10-I-3)
63	4	-9.70(4)	-2.10(2)	1.97(10-I-3)	117061(4)	13703(2)	10025(10-I-3)
63	5	-9.99(4)	-2.38(2)	2.02(10-I-3)	125830(4)	13375(2)	10646(10-I-3)
63	6	-9.85(4)	-2.29(2)	2.00(10-I-3)	124099(4)	13793(2)	10534(10-I-3)
63	7	-9.74(4)	-2.18(2)	1.97(10-I-3)	122449(4)	13965(2)	10414(10-I-3)
63	8	-9.65(4)	-2.06(2)	1.95(10-I-3)	120886(4)	13909(2)	10288(10-I-3)
63	9	-9.92(4)	-2.34(2)	2.00(10-I-3)	130719(4)	13671(2)	10763(10-I-3)
63	10	-9.80(4)	-2.24(2)	1.97(10-I-3)	128845(4)	14086(2)	10673(10-I-3)
63	11	-9.69(4)	-2.13(2)	1.95(10-I-3)	127053(4)	14254(2)	10573(10-I-3)
63	12	-9.61(4)	-2.02(2)	1.92(10-I-3)	125350(4)	14191(2)	10462(10-I-3)
63	13	-9.86(4)	-2.28(2)	1.98(10-I-3)	136219(4)	14049(2)	10788(10-I-3)
63	14	-9.74(4)	-2.18(2)	1.95(10-I-3)	134203(4)	14458(2)	10721(10-I-3)
63	15	-9.64(4)	-2.08(2)	1.92(10-I-3)	132271(4)	14619(2)	10642(10-I-3)
63	16	-9.56(4)	-1.97(2)	1.89(10-I-3)	130430(4)	14549(2)	10550(10-I-3)
64	1	-9.25(4)	-1.23(4)	1.73(10-I-3)	109531(4)	10122(6)	8786(10-I-3)
64	2	-9.19(4)	-1.14(4)	1.69(10-I-3)	108832(4)	9781(6)	8565(10-I-3)
64	3	-9.12(4)	-1.06(4)	1.63(10-I-3)	108267(4)	9397(6)	8332(10-I-3)
64	4	-9.05(4)	-0.97(4)	1.58(10-I-3)	107841(4)	8963(6)	8085(10-I-3)
64	5	-9.19(4)	-1.23(4)	1.71(10-I-3)	112433(4)	10346(6)	9106(10-I-3)
64	6	-9.12(4)	-1.14(4)	1.66(10-I-3)	111625(4)	9988(6)	8891(10-I-3)
64	7	-9.05(4)	-1.06(4)	1.61(10-I-3)	110955(4)	9588(6)	8664(10-I-3)
64	8	-8.97(4)	-0.97(4)	1.55(10-I-3)	110432(4)	9138(6)	8424(10-I-3)
64	9	-9.12(4)	-1.23(4)	1.68(10-I-3)	115965(4)	10651(6)	9357(10-I-3)
64	10	-9.05(4)	-1.14(4)	1.63(10-I-3)	115042(4)	10279(6)	9151(10-I-3)
64	11	-8.97(4)	-1.06(4)	1.58(10-I-3)	114262(4)	9865(6)	8934(10-I-3)
64	12	-8.89(4)	-0.97(4)	1.52(10-I-3)	113633(4)	9403(6)	8706(10-I-3)
64	13	-9.06(4)	-1.23(4)	1.65(10-I-3)	120102(4)	11035(6)	9541(10-I-3)
64	14	-8.98(4)	-1.15(4)	1.60(10-I-3)	119057(4)	10652(6)	9348(10-I-3)
64	15	-8.89(4)	-1.06(4)	1.55(10-I-3)	118159(4)	10227(6)	9145(10-I-3)
64	16	-8.81(4)	-0.98(4)	1.48(10-I-3)	117417(4)	9755(6)	8931(10-I-3)
65	1	-8.97(4)	-0.88(4)	1.52(10-I-3)	107561(4)	8599(12-I-2)	7824(10-I-3)
65	2	-8.89(4)	-0.78(4)	1.45(10-I-3)	107431(4)	8408(12-I-2)	7551(10-I-3)
65	3	-8.79(4)	-0.69(4)	1.37(10-I-3)	107457(4)	8161(12-I-2)	7268(10-I-3)
65	4	-8.69(4)	-0.60(4)	1.29(10-I-3)	107640(4)	7846(12-I-2)	6978(10-I-3)
65	5	-8.89(4)	-0.88(4)	1.48(10-I-3)	110061(4)	8634(6)	8172(10-I-3)
65	6	-8.80(4)	-0.78(4)	1.41(10-I-3)	109849(4)	8431(12-I-2)	7909(10-I-3)
65	7	-8.70(4)	-0.69(4)	1.33(10-I-3)	109800(4)	8175(12-I-2)	7637(10-I-3)
65	8	-8.59(4)	-0.60(4)	1.24(10-I-3)	109916(4)	7852(12-I-2)	7359(10-I-3)
65	9	-8.80(4)	-0.88(4)	1.45(10-I-3)	113164(4)	8887(6)	8466(10-I-3)
65	10	-8.70(4)	-0.79(4)	1.37(10-I-3)	112859(4)	8498(12-I-2)	8217(10-I-3)
65	11	-8.60(4)	-0.69(4)	1.29(10-I-3)	112725(4)	8234(12-I-2)	7960(10-I-3)
65	12	-8.49(4)	-0.60(4)	1.20(10-I-3)	112765(4)	7907(12-I-2)	7699(10-I-3)
65	13	-8.71(4)	-0.89(4)	1.41(10-I-3)	116839(4)	9231(6)	8708(10-I-3)
65	14	-8.61(4)	-0.80(4)	1.34(10-I-3)	116432(4)	8646(6)	8477(10-I-3)
65	15	-8.51(4)	-0.70(4)	1.25(10-I-3)	116204(4)	8341(12-I-2)	8240(10-I-3)
65	16	-8.39(4)	-0.61(4)	1.16(10-I-3)	116158(4)	8011(12-I-2)	8000(10-I-3)
66	1	-8.61(8)	-0.49(4)	1.17(10-I-3)	108046(4)	7339(12-I-2)	6628(10-I-3)
66	2	-8.55(8)	-0.36(4)	1.02(10-I-3)	108642(4)	6481(12-I-2)	6225(10-I-3)
66	3	-8.46(8)	-0.24(4)	0.85(10-I-3)	109343(4)	5305(12-I-2)	5817(10-I-3)
66	4	-8.34(8)	-0.14(9)	0.66(10-I-3)	110078(4)	3853(12-I-2)	5352(10-I-3)
66	5	-8.51(8)	-0.48(4)	1.13(10-I-3)	110256(4)	7340(12-I-2)	7023(10-I-3)
66	6	-8.44(8)	-0.36(4)	0.97(10-I-3)	110793(4)	6481(12-I-2)	6632(10-I-3)
66	7	-8.34(8)	-0.24(4)	0.80(10-I-3)	111450(4)	5308(12-I-2)	6223(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
66	8	-8.21(8)	-0.14(9)	0.61(10-I-3)	112159(4)	3861(12-I-2)	5730(10-I-3)
66	9	-8.41(8)	-0.49(4)	1.08(10-I-3)	113030(4)	7391(12-I-2)	7383(10-I-3)
66	10	-8.33(8)	-0.36(4)	0.92(10-I-3)	113497(4)	6531(12-I-2)	7009(10-I-3)
66	11	-8.23(8)	-0.24(4)	0.75(10-I-3)	114108(4)	5357(12-I-2)	6606(10-I-3)
66	12	-8.08(8)	-0.14(9)	-0.59(12-II-3)	114791(4)	3905(12-I-2)	6091(10-I-3)
66	13	-8.31(8)	-0.49(4)	-1.04(12-II-3)	116336(4)	7494(12-I-2)	7708(10-I-3)
66	14	-8.23(8)	-0.37(4)	-0.91(12-II-3)	116725(4)	6633(12-I-2)	7360(10-I-3)
66	15	-8.11(8)	-0.25(4)	-0.77(12-II-3)	117285(4)	5454(12-I-2)	6969(10-I-3)
66	16	-7.96(8)	-0.14(6)	-0.60(12-II-3)	117945(4)	3989(12-I-2)	6440(10-I-3)
67	1	-9.45(4)	-1.79(2)	1.84(10-I-3)	134221(4)	14684(2)	10469(10-I-3)
67	2	-9.38(4)	-1.69(2)	1.81(10-I-3)	132443(4)	14171(2)	10370(10-I-3)
67	3	-9.31(4)	-1.58(2)	1.78(10-I-3)	130773(4)	13442(2)	10257(10-I-3)
67	4	-9.24(4)	-1.48(4)	1.75(10-I-3)	129216(4)	12522(6)	10131(10-I-3)
67	5	-9.40(4)	-1.73(2)	1.81(10-I-3)	140329(4)	15182(2)	10411(10-I-3)
67	6	-9.33(4)	-1.62(2)	1.78(10-I-3)	138416(4)	14664(2)	10332(10-I-3)
67	7	-9.26(4)	-1.54(4)	1.75(10-I-3)	136612(4)	13931(2)	10237(10-I-3)
67	8	-9.19(4)	-1.47(4)	1.72(10-I-3)	134920(4)	13089(6)	10128(10-I-3)
67	9	-9.36(4)	-1.66(4)	-1.78(12-II-3)	146987(4)	15752(2)	10276(10-I-3)
67	10	-9.29(4)	-1.59(4)	-1.76(12-II-3)	144940(4)	15230(2)	10218(10-I-3)
67	11	-9.22(4)	-1.53(4)	-1.73(12-II-3)	143000(4)	14498(2)	10144(10-I-3)
67	12	-9.14(4)	-1.47(4)	-1.70(12-II-3)	141172(4)	13724(6)	10055(10-I-3)
67	13	-9.32(4)	-1.63(4)	-1.79(12-II-3)	154172(4)	16392(2)	10068(10-I-3)
67	14	-9.25(4)	-1.57(4)	-1.78(12-II-3)	151992(4)	15899(1)	10033(10-I-3)
67	15	-9.17(4)	-1.52(4)	-1.75(12-II-3)	149917(4)	15221(1)	9982(10-I-3)
67	16	-9.09(4)	-1.46(4)	-1.72(12-II-3)	147951(4)	14422(6)	9914(10-I-3)
68	1	-9.18(4)	-1.42(4)	1.72(10-I-3)	128079(4)	12301(6)	10025(10-I-3)
68	2	-9.14(4)	-1.38(4)	1.70(10-I-3)	127305(4)	12135(6)	9949(10-I-3)
68	3	-9.10(4)	-1.34(4)	1.68(10-I-3)	126548(4)	11960(6)	9869(10-I-3)
68	4	-9.05(4)	-1.30(4)	1.66(10-I-3)	125808(4)	11775(6)	9786(10-I-3)
68	5	-9.13(4)	-1.42(4)	1.69(10-I-3)	133678(4)	12860(6)	10035(10-I-3)
68	6	-9.08(4)	-1.38(4)	1.67(10-I-3)	132831(4)	12689(6)	9969(10-I-3)
68	7	-9.04(4)	-1.34(4)	1.65(10-I-3)	131999(4)	12508(6)	9900(10-I-3)
68	8	-8.99(4)	-1.30(4)	1.63(10-I-3)	131185(4)	12318(6)	9827(10-I-3)
68	9	-9.07(4)	-1.42(4)	-1.68(12-II-3)	139824(4)	13488(6)	9978(10-I-3)
68	10	-9.02(4)	-1.38(4)	-1.65(12-II-3)	138900(4)	13312(6)	9923(10-I-3)
68	11	-8.98(4)	-1.35(4)	-1.63(12-II-3)	137992(4)	13127(6)	9864(10-I-3)
68	12	-8.93(4)	-1.31(4)	-1.61(12-II-3)	137100(4)	12934(6)	9802(10-I-3)
68	13	-9.02(4)	-1.42(4)	-1.69(12-II-3)	146494(4)	14181(6)	9854(10-I-3)
68	14	-8.97(4)	-1.39(4)	-1.67(12-II-3)	145492(4)	14001(6)	9811(10-I-3)
68	15	-8.91(4)	-1.35(4)	-1.65(12-II-3)	144504(4)	13814(6)	9765(10-I-3)
68	16	-8.86(4)	-1.32(4)	-1.63(12-II-3)	143532(4)	13618(6)	9715(10-I-3)
69	1	-9.79(4)	-2.20(2)	1.95(10-I-3)	142307(4)	14509(2)	10722(10-I-3)
69	2	-9.68(4)	-2.11(2)	1.92(10-I-3)	140151(4)	14907(2)	10681(10-I-3)
69	3	-9.59(4)	-2.01(2)	1.89(10-I-3)	138081(4)	15059(2)	10624(10-I-3)
69	4	-9.52(4)	-1.90(2)	1.86(10-I-3)	136102(4)	14981(2)	10554(10-I-3)
69	5	-9.72(4)	-2.11(2)	1.92(10-I-3)	148958(4)	15048(2)	10568(10-I-3)
69	6	-9.62(4)	-2.02(2)	1.89(10-I-3)	146665(4)	15433(2)	10554(10-I-3)
69	7	-9.54(4)	-1.93(2)	1.86(10-I-3)	144459(4)	15574(2)	10523(10-I-3)
69	8	-9.47(4)	-1.83(2)	1.83(10-I-3)	142345(4)	15486(2)	10475(10-I-3)
69	9	-9.65(4)	-2.01(2)	1.88(10-I-3)	156149(4)	15668(2)	10329(10-I-3)
69	10	-9.57(4)	-1.92(2)	1.85(10-I-3)	153722(4)	16035(2)	10345(10-I-3)
69	11	-9.49(4)	-1.84(2)	1.83(10-I-3)	151383(4)	16161(2)	10340(10-I-3)
69	12	-9.43(4)	-1.74(2)	1.80(10-I-3)	149136(4)	16063(2)	10317(10-I-3)
69	13	-9.57(4)	-1.89(2)	1.84(10-I-3)	163857(4)	16365(2)	10009(10-I-3)
69	14	-9.51(4)	-1.81(2)	1.82(10-I-3)	161300(4)	16711(2)	10056(10-I-3)
69	15	-9.45(4)	-1.75(4)	-1.80(12-II-3)	158831(4)	16820(2)	10081(10-I-3)
69	16	-9.39(4)	-1.68(4)	-1.80(12-II-3)	156453(4)	16711(2)	10084(10-I-3)
70	1	-8.99(4)	-1.24(4)	1.62(10-I-3)	124818(4)	11497(6)	9659(10-I-3)
70	2	-8.91(4)	-1.16(4)	1.57(10-I-3)	123644(4)	11105(6)	9482(10-I-3)
70	3	-8.82(4)	-1.07(4)	1.52(10-I-3)	122621(4)	10672(6)	9296(10-I-3)
70	4	-8.72(4)	-0.99(4)	1.45(10-I-3)	121757(4)	10195(6)	9101(10-I-3)
70	5	-8.92(4)	-1.24(4)	1.59(10-I-3)	130089(4)	12035(6)	9714(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
70	6	-8.83(4)	-1.17(4)	1.54(10-I-3)	128781(4)	11636(6)	9556(10-I-3)
70	7	-8.74(4)	-1.09(4)	1.48(10-I-3)	127624(4)	11199(6)	9389(10-I-3)
70	8	-8.64(4)	-1.00(4)	-1.42(12-II-3)	126629(4)	10719(6)	9216(10-I-3)
70	9	-8.85(4)	-1.25(4)	-1.58(12-II-3)	135894(4)	12645(6)	9705(10-I-3)
70	10	-8.76(4)	-1.18(4)	-1.54(12-II-3)	134444(4)	12243(6)	9569(10-I-3)
70	11	-8.66(4)	-1.10(4)	-1.49(12-II-3)	133144(4)	11805(6)	9426(10-I-3)
70	12	-8.55(4)	-1.02(4)	-1.44(12-II-3)	132006(4)	11327(6)	9278(10-I-3)
70	13	-8.78(4)	-1.27(4)	-1.60(12-II-3)	142211(4)	13327(6)	9637(10-I-3)
70	14	-8.68(4)	-1.20(4)	-1.55(12-II-3)	140610(4)	12924(6)	9524(10-I-3)
70	15	-8.58(4)	-1.13(4)	-1.51(12-II-3)	139158(4)	12488(6)	9407(10-I-3)
70	16	-8.47(4)	-1.05(4)	-1.46(12-II-3)	137868(4)	12015(6)	9287(10-I-3)
71	1	-8.22(8)	-0.51(4)	-1.06(12-II-3)	120145(4)	7652(12-I-2)	8001(10-I-3)
71	2	-8.12(8)	-0.38(4)	-0.94(12-II-3)	120445(4)	6791(12-I-2)	7687(10-I-3)
71	3	-8.00(8)	-0.26(4)	-0.79(12-II-3)	120951(4)	5604(12-I-2)	7317(10-I-3)
71	4	-7.84(8)	-0.15(6)	-0.62(12-II-3)	121592(4)	4115(12-I-2)	6784(10-I-3)
71	5	-8.12(8)	-0.53(4)	-1.08(12-II-3)	124423(4)	7868(12-I-2)	8263(10-I-3)
71	6	-8.01(8)	-0.40(4)	-0.96(12-II-3)	124624(4)	7022(13-I-3)	7991(10-I-3)
71	7	-7.88(8)	-0.27(4)	-0.82(12-II-3)	125071(4)	5857(13-I-3)	7655(10-I-3)
71	8	-7.73(8)	-0.17(6)	-0.64(12-II-3)	125698(4)	4316(13-I-3)	7130(10-I-3)
71	9	-8.02(8)	-0.55(4)	-1.11(12-II-3)	129141(4)	8850(13-I-3)	8493(10-I-3)
71	10	-7.90(8)	-0.42(4)	-0.98(12-II-3)	129226(4)	7994(13-I-3)	8275(10-I-3)
71	11	-7.77(8)	-0.30(4)	-0.84(12-II-3)	129609(4)	6721(13-I-2)	7988(10-I-3)
71	12	-7.61(8)	-0.18(6)	-0.67(12-II-3)	130232(4)	4997(13-I-2)	7486(10-I-3)
71	13	-7.92(8)	-0.58(4)	-1.13(12-II-3)	134265(4)	9978(13-I-2)	8691(10-I-3)
71	14	-7.79(8)	-0.45(4)	-1.01(12-II-3)	134215(4)	9081(13-I-2)	8541(10-I-3)
71	15	-7.66(8)	-0.32(6)	-0.87(12-II-3)	134526(4)	7694(13-I-2)	8320(10-I-3)
71	16	-7.50(8)	-0.20(6)	-0.69(12-II-3)	135154(4)	5770(13-I-2)	7862(10-I-3)
72	1	-9.28(4)	-1.60(4)	-1.81(12-II-3)	161866(4)	17224(1)	9791(10-I-3)
72	2	-9.21(4)	-1.55(4)	-1.79(12-II-3)	159554(4)	16742(1)	9781(10-I-3)
72	3	-9.12(4)	-1.51(4)	-1.76(12-II-3)	157344(4)	16067(1)	9753(10-I-3)
72	4	-9.03(4)	-1.46(4)	-1.73(12-II-3)	155239(4)	15189(1)	9709(10-I-3)
72	5	-9.24(4)	-1.57(4)	-1.81(12-II-3)	170049(4)	18136(1)	9450(10-I-3)
72	6	-9.17(4)	-1.54(4)	-1.79(12-II-3)	167607(4)	17651(1)	9467(10-I-3)
72	7	-9.08(4)	-1.50(4)	-1.76(12-II-3)	165262(4)	16982(1)	9464(10-I-3)
72	8	-8.98(4)	-1.47(4)	-1.73(12-II-3)	163016(4)	16117(1)	9444(10-I-3)
72	9	-9.20(4)	-1.55(4)	-1.80(12-II-3)	178703(4)	19110(1)	9055(10-I-3)
72	10	-9.12(4)	-1.53(4)	-1.78(12-II-3)	176135(4)	18623(1)	9099(10-I-3)
72	11	-9.03(4)	-1.50(4)	-1.75(12-II-3)	173655(4)	17960(1)	9121(10-I-3)
72	12	-8.93(4)	-1.48(4)	-1.72(12-II-3)	171267(4)	17113(1)	9126(10-I-3)
72	13	-9.16(4)	-1.53(4)	-1.78(12-II-3)	187813(4)	20142(1)	-9032(12-II-3)
72	14	-9.08(4)	-1.52(4)	-1.76(12-II-3)	185121(4)	19653(1)	-8888(12-II-3)
72	15	-8.98(4)	-1.51(4)	-1.74(12-II-3)	182512(4)	18999(1)	8737(10-I-3)
72	16	-8.87(4)	-1.50(4)	-1.71(12-II-3)	179980(4)	18162(1)	8760(10-I-3)
73	1	-8.96(4)	-1.43(4)	-1.70(12-II-3)	153671(4)	14937(6)	9667(10-I-3)
73	2	-8.91(4)	-1.40(4)	-1.68(12-II-3)	152588(4)	14754(6)	9637(10-I-3)
73	3	-8.85(4)	-1.37(4)	-1.66(12-II-3)	151518(4)	14565(6)	9604(10-I-3)
73	4	-8.79(4)	-1.34(4)	-1.64(12-II-3)	150462(4)	14367(6)	9569(10-I-3)
73	5	-8.90(4)	-1.44(4)	-1.70(12-II-3)	161335(4)	15752(6)	9421(10-I-3)
73	6	-8.84(4)	-1.41(4)	-1.68(12-II-3)	160169(4)	15568(6)	9406(10-I-3)
73	7	-8.79(4)	-1.39(4)	-1.66(12-II-3)	159014(4)	15377(6)	9386(10-I-3)
73	8	-8.73(4)	-1.36(4)	-1.64(12-II-3)	157870(4)	15180(6)	9365(10-I-3)
73	9	-8.84(4)	-1.45(4)	-1.70(12-II-3)	169471(4)	16620(6)	9122(10-I-3)
73	10	-8.78(4)	-1.43(4)	-1.68(12-II-3)	168219(4)	16440(6)	9120(10-I-3)
73	11	-8.72(4)	-1.41(4)	-1.65(12-II-3)	166975(4)	16249(6)	9118(10-I-3)
73	12	-8.65(4)	-1.39(4)	-1.63(12-II-3)	165740(4)	16049(6)	9111(10-I-3)
73	13	-8.78(4)	-1.48(4)	-1.68(12-II-3)	178064(4)	17554(6)	8774(10-I-3)
73	14	-8.71(4)	-1.46(4)	-1.66(12-II-3)	176719(4)	17364(6)	8791(10-I-3)
73	15	-8.65(4)	-1.45(4)	-1.64(12-II-3)	175384(4)	17174(6)	8804(10-I-3)
73	16	-8.58(4)	-1.42(4)	-1.62(12-II-3)	174057(4)	16985(6)	8817(10-I-3)
74	1	-9.50(4)	-1.81(4)	1.81(10-I-3)	172059(4)	17210(1)	9612(10-I-3)
74	2	-9.45(4)	-1.75(4)	-1.80(12-II-3)	169377(4)	17523(1)	9693(10-I-3)
74	3	-9.40(4)	-1.69(4)	-1.82(12-II-3)	166781(4)	17620(1)	9748(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
74	4	-9.34(4)	-1.64(4)	-1.82(12-II-3)	164276(4)	17517(1)	9780(10-I-3)
74	5	-9.43(4)	-1.73(4)	-1.78(12-II-3)	180733(4)	18219(1)	9147(10-I-3)
74	6	-9.40(4)	-1.68(4)	-1.81(12-II-3)	177931(4)	18495(1)	9263(10-I-3)
74	7	-9.35(4)	-1.64(4)	-1.82(12-II-3)	175214(4)	18564(1)	9350(10-I-3)
74	8	-9.30(4)	-1.60(4)	-1.82(12-II-3)	172585(4)	18441(1)	9412(10-I-3)
74	9	-9.37(4)	-1.65(4)	-1.78(12-II-3)	189856(4)	19301(1)	-8653(12-II-3)
74	10	-9.34(4)	-1.62(4)	-1.81(12-II-3)	186943(4)	19533(1)	8776(10-I-3)
74	11	-9.31(4)	-1.59(4)	-1.82(12-II-3)	184111(4)	19572(1)	8895(10-I-3)
74	12	-9.26(4)	-1.57(4)	-1.81(12-II-3)	181362(4)	19427(1)	8988(10-I-3)
74	13	-9.30(4)	-1.57(4)	-1.77(12-II-3)	199412(4)	20435(1)	-9380(12-II-3)
74	14	-9.29(4)	-1.55(4)	-1.79(12-II-3)	196398(4)	20636(1)	-9329(12-II-3)
74	15	-9.27(4)	-1.54(4)	-1.80(12-II-3)	193452(4)	20640(1)	-9252(12-II-3)
74	16	-9.23(4)	-1.53(4)	-1.80(12-II-3)	190591(4)	20472(1)	-9153(12-II-3)
75	1	-8.71(4)	-1.29(4)	-1.60(12-II-3)	149020(4)	14076(6)	9509(10-I-3)
75	2	-8.60(4)	-1.23(4)	-1.56(12-II-3)	147259(4)	13675(6)	9424(10-I-3)
75	3	-8.49(4)	-1.16(4)	-1.52(12-II-3)	145646(4)	13245(6)	9335(10-I-3)
75	4	-8.38(4)	-1.08(4)	-1.47(12-II-3)	144191(4)	12782(6)	9244(10-I-3)
75	5	-8.64(4)	-1.32(4)	-1.61(12-II-3)	156301(4)	14889(6)	9327(10-I-3)
75	6	-8.52(4)	-1.26(4)	-1.57(12-II-3)	154373(4)	14493(6)	9269(10-I-3)
75	7	-8.41(4)	-1.19(4)	-1.52(12-II-3)	152586(4)	14073(6)	9210(10-I-3)
75	8	-8.29(4)	-1.12(4)	-1.48(12-II-3)	150955(4)	13743(13-I-3)	9152(10-I-3)
75	9	-8.56(4)	-1.35(4)	-1.60(12-II-3)	164038(4)	15763(6)	9094(10-I-3)
75	10	-8.44(4)	-1.29(4)	-1.56(12-II-3)	161932(4)	15374(6)	9064(10-I-3)
75	11	-8.32(4)	-1.23(4)	-1.52(12-II-3)	159961(4)	15137(13-I-3)	9036(10-I-3)
75	12	-8.19(4)	-1.16(4)	-1.48(12-II-3)	158141(4)	15002(13-I-3)	9012(10-I-3)
75	13	-8.48(4)	-1.39(4)	-1.59(12-II-3)	172216(4)	16717(13-I-3)	8819(10-I-3)
75	14	-8.35(4)	-1.34(4)	-1.56(12-II-3)	169924(4)	16551(13-I-3)	8811(10-I-3)
75	15	-8.23(4)	-1.28(4)	-1.52(12-II-3)	167752(4)	16418(13-I-3)	8816(10-I-3)
75	16	-8.10(4)	-1.21(4)	-1.48(12-II-3)	165730(4)	16325(13-I-2)	8828(10-I-3)
76	1	-7.81(8)	-0.62(4)	-1.15(12-II-3)	139761(4)	11212(13-I-2)	8857(10-I-3)
76	2	-7.68(8)	-0.49(4)	-1.03(12-II-3)	139550(4)	10278(13-I-2)	8788(10-I-3)
76	3	-7.54(8)	-0.36(6)	-0.90(12-II-3)	139776(4)	8786(13-I-2)	8657(10-I-3)
76	4	-7.39(8)	-0.23(6)	-0.73(12-II-3)	140422(4)	6655(13-I-2)	8271(10-I-3)
76	5	-7.71(8)	-0.66(4)	-1.17(12-II-3)	145598(4)	12547(13-I-2)	8986(10-I-3)
76	6	-7.57(8)	-0.53(4)	-1.06(12-II-3)	145190(4)	11599(13-I-2)	9014(10-I-3)
76	7	-7.43(8)	-0.40(6)	-0.93(12-II-3)	145309(4)	10018(13-I-2)	9001(10-I-3)
76	8	-7.29(8)	-0.27(6)	-0.76(12-II-3)	145985(4)	7677(13-I-2)	8725(10-I-3)
76	9	-7.60(8)	-0.71(4)	-1.18(12-II-3)	151745(4)	13990(13-I-2)	9073(10-I-3)
76	10	-7.45(8)	-0.59(4)	-1.08(12-II-3)	151087(4)	13060(13-I-2)	9212(10-I-3)
76	11	-7.30(8)	-0.45(6)	-0.96(12-II-3)	151064(4)	11419(13-I-2)	9352(10-I-3)
76	12	-7.18(8)	-0.31(6)	-0.80(12-II-3)	151783(4)	8874(13-I-2)	9239(10-I-3)
76	13	-7.49(8)	-0.77(4)	-1.19(12-II-3)	158176(4)	15541(13-I-2)	9106(10-I-3)
76	14	-7.32(8)	-0.64(4)	-1.10(12-II-3)	157197(4)	14677(13-I-2)	9368(10-I-3)
76	15	-7.18(8)	-0.51(6)	-0.99(12-II-3)	156970(4)	13024(13-I-2)	9702(10-I-3)
76	16	-7.06(8)	-0.37(8)	-0.85(12-II-3)	157734(4)	10291(13-I-2)	9822(10-I-3)
77	1	-9.13(4)	-1.52(4)	-1.76(12-II-3)	195165(4)	20975(1)	-9506(12-II-3)
77	2	-9.04(4)	-1.53(4)	-1.74(12-II-3)	192379(4)	20486(1)	-9340(12-II-3)
77	3	-8.94(4)	-1.53(4)	-1.72(12-II-3)	189671(4)	19841(1)	-9151(12-II-3)
77	4	-8.82(4)	-1.52(4)	-1.69(12-II-3)	187027(4)	19018(1)	-8931(12-II-3)
77	5	-9.11(4)	-1.52(4)	-1.74(12-II-3)	200550(4)	21584(1)	-9838(12-II-3)
77	6	-9.02(4)	-1.53(4)	-1.72(12-II-3)	197699(4)	21096(1)	-9659(12-II-3)
77	7	-8.91(4)	-1.54(4)	-1.70(12-II-3)	194920(4)	20458(1)	-9454(12-II-3)
77	8	-8.79(4)	-1.54(4)	-1.67(12-II-3)	192201(4)	19659(1)	-9223(12-II-3)
77	9	-9.08(4)	-1.52(4)	-1.72(12-II-3)	206065(4)	22205(1)	-10166(12-II-3)
77	10	-8.99(4)	-1.54(4)	-1.70(12-II-3)	203150(4)	21716(1)	-9974(12-II-3)
77	11	-8.88(4)	-1.56(4)	-1.68(12-II-3)	200301(4)	21093(1)	-9755(12-II-3)
77	12	-8.75(4)	-1.56(4)	-1.65(12-II-3)	197507(4)	20310(1)	-9511(12-II-3)
77	13	-9.06(4)	-1.53(4)	-1.69(12-II-3)	211709(4)	22834(1)	-10487(12-II-3)
77	14	-8.96(4)	-1.56(4)	-1.68(12-II-3)	208733(4)	22345(1)	-10283(12-II-3)
77	15	-8.84(4)	-1.58(4)	-1.65(12-II-3)	205809(4)	21733(1)	-10056(12-II-3)
77	16	-8.72(4)	-1.59(4)	-1.63(12-II-3)	202943(4)	21001(1)	-9791(12-II-3)
78	1	-8.73(4)	-1.51(4)	-1.66(12-II-3)	185017(4)	18299(1)	-8747(12-II-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
78	2	-8.66(4)	-1.50(4)	-1.64(12-II-3)	183602(4)	18105(6)	-8604(12-II-3)
78	3	-8.59(4)	-1.48(4)	-1.62(12-II-3)	182194(4)	17985(13-I-3)	8534(10-I-3)
78	4	-8.51(4)	-1.46(4)	-1.60(12-II-3)	180800(4)	17885(13-I-3)	8544(10-I-3)
78	5	-8.69(4)	-1.53(4)	-1.65(12-II-3)	190124(4)	18925(1)	-9027(12-II-3)
78	6	-8.62(4)	-1.52(4)	-1.63(12-II-3)	188659(4)	18763(13-I-3)	-8874(12-II-3)
78	7	-8.54(4)	-1.51(4)	-1.61(12-II-3)	187199(4)	18664(13-I-3)	-8713(12-II-3)
78	8	-8.47(4)	-1.49(4)	-1.59(12-II-3)	185746(4)	18562(13-I-3)	-8540(12-II-3)
78	9	-8.65(4)	-1.56(4)	-1.63(12-II-3)	195363(4)	19573(1)	-9302(12-II-3)
78	10	-8.57(4)	-1.55(4)	-1.61(12-II-3)	193851(4)	19433(13-I-3)	-9143(12-II-3)
78	11	-8.50(4)	-1.54(4)	-1.59(12-II-3)	192336(4)	19340(13-I-3)	-8978(12-II-3)
78	12	-8.42(4)	-1.52(4)	-1.57(12-II-3)	190821(4)	19256(13-I-3)	-8797(12-II-3)
78	13	-8.61(4)	-1.59(4)	-1.61(12-II-3)	200738(4)	20186(1)	-9569(12-II-3)
78	14	-8.53(4)	-1.58(4)	-1.59(12-II-3)	199183(4)	20109(13-I-3)	-9416(12-II-3)
78	15	-8.46(4)	-1.57(4)	-1.57(12-II-3)	197610(4)	20023(13-I-3)	-9241(12-II-3)
78	16	-8.38(4)	-1.55(4)	-1.55(12-II-3)	196030(4)	19914(13-I-3)	-9063(12-II-3)
79	1	-9.25(4)	-1.50(4)	-1.75(12-II-3)	207101(4)	21362(1)	-9949(12-II-3)
79	2	-9.25(4)	-1.50(4)	-1.77(12-II-3)	204001(4)	21530(1)	-9868(12-II-3)
79	3	-9.23(4)	-1.50(4)	-1.78(12-II-3)	200975(4)	21505(1)	-9769(12-II-3)
79	4	-9.19(4)	-1.51(4)	-1.78(12-II-3)	198030(4)	21316(1)	-9648(12-II-3)
79	5	-9.22(4)	-1.45(4)	-1.73(12-II-3)	212706(4)	22059(1)	-10341(12-II-3)
79	6	-9.23(4)	-1.46(4)	-1.75(12-II-3)	209556(4)	22186(1)	-10246(12-II-3)
79	7	-9.21(4)	-1.48(4)	-1.76(12-II-3)	206477(4)	22138(1)	-10130(12-II-3)
79	8	-9.17(4)	-1.50(4)	-1.76(12-II-3)	203475(4)	21933(1)	-9995(12-II-3)
79	9	-9.19(4)	-1.40(4)	-1.71(12-II-3)	218432(4)	22766(1)	-10727(12-II-3)
79	10	-9.20(4)	-1.43(4)	-1.73(12-II-3)	215234(4)	22861(1)	-10616(12-II-3)
79	11	-9.19(4)	-1.46(4)	-1.73(12-II-3)	212104(4)	22782(1)	-10485(12-II-3)
79	12	-9.15(4)	-1.49(4)	-1.73(12-II-3)	209049(4)	22562(1)	-10336(12-II-3)
79	13	-9.16(4)	-1.35(4)	-1.68(12-II-3)	224273(4)	23520(1)	-11107(12-II-3)
79	14	-9.17(4)	-1.40(4)	-1.70(12-II-3)	221027(4)	23539(1)	-10970(12-II-3)
79	15	-9.16(4)	-1.45(4)	-1.71(12-II-3)	217858(4)	23436(1)	-10831(12-II-3)
79	16	-9.12(4)	-1.49(4)	-1.70(12-II-3)	214749(4)	23199(1)	-10669(12-II-3)
80	1	-8.41(4)	-1.43(4)	-1.58(12-II-3)	178846(4)	17692(13-I-3)	8561(10-I-3)
80	2	-8.28(4)	-1.38(4)	-1.54(12-II-3)	176390(4)	17550(13-I-3)	8588(10-I-3)
80	3	-8.15(4)	-1.32(4)	-1.51(12-II-3)	174055(4)	17447(13-I-2)	8617(10-I-3)
80	4	-8.02(4)	-1.26(4)	-1.48(12-II-3)	171868(4)	17385(13-I-2)	8658(10-I-3)
80	5	-8.37(4)	-1.46(4)	-1.57(12-II-3)	183708(4)	18411(13-I-3)	8382(10-I-3)
80	6	-8.23(4)	-1.41(4)	-1.53(12-II-3)	181136(4)	18275(13-I-3)	8417(10-I-3)
80	7	-8.10(4)	-1.35(4)	-1.50(12-II-3)	178679(4)	18199(13-I-2)	8465(10-I-3)
80	8	-7.96(4)	-1.29(4)	-1.47(12-II-3)	176370(4)	18155(13-I-2)	8526(10-I-3)
80	9	-8.32(4)	-1.49(4)	-1.55(12-II-3)	188697(4)	19134(13-I-3)	-8520(12-II-3)
80	10	-8.18(4)	-1.44(4)	-1.52(12-II-3)	186002(4)	19021(13-I-2)	8242(10-I-3)
80	11	-8.04(4)	-1.39(4)	-1.49(12-II-3)	183419(4)	18962(13-I-2)	8307(10-I-3)
80	12	-7.90(4)	-1.32(4)	-1.47(12-II-3)	180984(4)	18939(13-I-2)	8386(10-I-3)
80	13	-8.27(4)	-1.52(4)	-1.53(12-II-3)	193810(4)	19891(13-I-3)	-8777(12-II-3)
80	14	-8.13(4)	-1.47(4)	-1.50(12-II-3)	190985(4)	19773(13-I-2)	-8351(12-II-3)
80	15	-7.99(4)	-1.42(4)	-1.48(12-II-3)	188275(4)	19734(13-I-2)	8142(10-I-3)
80	16	-7.84(4)	-1.36(4)	-1.46(12-II-3)	185706(4)	19734(13-I-2)	8240(10-I-3)
81	1	-7.88(4)	-1.18(4)	-1.44(12-II-3)	169850(4)	17335(13-I-2)	8708(10-I-3)
81	2	-7.77(8)	-1.10(4)	-1.39(12-II-3)	168008(4)	17284(13-I-2)	8764(10-I-3)
81	3	-7.67(8)	-1.01(4)	-1.34(12-II-3)	166336(4)	17215(13-I-2)	8826(10-I-3)
81	4	-7.55(8)	-0.92(4)	-1.28(12-II-3)	164837(4)	17110(13-I-2)	8909(10-I-3)
81	5	-7.83(4)	-1.21(4)	-1.44(12-II-3)	174232(4)	18126(13-I-2)	8598(10-I-3)
81	6	-7.72(8)	-1.13(4)	-1.40(12-II-3)	172269(4)	18094(13-I-2)	8674(10-I-3)
81	7	-7.62(8)	-1.04(4)	-1.34(12-II-3)	170468(4)	18051(13-I-2)	8750(10-I-3)
81	8	-7.50(8)	-0.95(4)	-1.28(12-II-3)	168816(4)	17981(13-I-2)	8844(10-I-3)
81	9	-7.77(8)	-1.25(4)	-1.43(12-II-3)	178722(4)	18929(13-I-2)	8480(10-I-3)
81	10	-7.68(8)	-1.17(4)	-1.40(12-II-3)	176640(4)	18918(13-I-2)	8576(10-I-3)
81	11	-7.58(8)	-1.08(4)	-1.35(12-II-3)	174709(4)	18897(13-I-2)	8663(10-I-3)
81	12	-7.45(8)	-0.99(4)	-1.29(12-II-3)	172898(4)	18866(13-I-2)	8759(10-I-3)
81	13	-7.72(8)	-1.29(4)	-1.43(12-II-3)	183319(4)	19743(13-I-2)	8356(10-I-3)
81	14	-7.62(8)	-1.21(4)	-1.40(12-II-3)	181118(4)	19752(13-I-2)	8471(10-I-3)
81	15	-7.53(8)	-1.11(4)	-1.35(12-II-3)	179062(4)	19751(13-I-2)	8568(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
81	16	-7.41(8)	-1.02(4)	-1.29(12-II-3)	177087(4)	19750(13-I-2)	8652(10-I-3)
82	1	-7.40(8)	-0.81(4)	-1.20(12-II-3)	163341(4)	16809(13-I-2)	9083(10-I-3)
82	2	-7.22(8)	-0.70(4)	-1.11(12-II-3)	162054(4)	16031(13-I-2)	9447(10-I-3)
82	3	-7.07(8)	-0.57(6)	-1.01(12-II-3)	161617(4)	14409(13-I-2)	9959(10-I-3)
82	4	-6.97(8)	-0.42(8)	-0.88(12-II-3)	162392(4)	11560(13-I-2)	10328(10-I-3)
82	5	-7.34(8)	-0.85(4)	-1.21(12-II-3)	167102(4)	17754(13-I-2)	9039(10-I-3)
82	6	-7.15(8)	-0.73(4)	-1.12(12-II-3)	165549(4)	17063(13-I-2)	9470(10-I-3)
82	7	-6.99(8)	-0.61(6)	-1.03(12-II-3)	164911(4)	15502(13-I-2)	10125(10-I-3)
82	8	-6.90(8)	-0.46(8)	-0.91(12-II-3)	165682(4)	12611(13-I-2)	10704(10-I-3)
82	9	-7.28(8)	-0.89(4)	-1.21(12-II-3)	170943(4)	18723(13-I-2)	8966(10-I-3)
82	10	-7.08(8)	-0.77(4)	-1.13(12-II-3)	169082(4)	18143(13-I-2)	9458(10-I-3)
82	11	-6.92(8)	-0.65(4)	-1.05(12-II-3)	168196(4)	16678(13-I-2)	10265(10-I-3)
82	12	-6.83(8)	-0.51(6)	-0.94(12-II-3)	169087(13-I-3)	13781(13-I-2)	11095(10-I-3)
82	13	-7.24(8)	-0.92(4)	-1.21(12-II-3)	174866(4)	19718(13-I-2)	8857(10-I-3)
82	14	-7.02(8)	-0.81(4)	-1.14(12-II-3)	172648(4)	19265(13-I-2)	9406(10-I-3)
82	15	-6.84(8)	-0.70(4)	-1.06(12-II-3)	171457(4)	17933(13-I-2)	10365(10-I-3)
82	16	-6.75(8)	-0.56(6)	-0.97(12-II-3)	173348(13-I-3)	15092(13-I-2)	11661(11-I-4)
83	1	-9.02(4)	-1.56(4)	-1.62(12-II-3)	223162(4)	24068(1)	-11091(12-II-3)
83	2	-8.92(4)	-1.61(4)	-1.61(12-II-3)	220069(4)	23580(1)	-10874(12-II-3)
83	3	-8.79(4)	-1.64(4)	-1.59(12-II-3)	217015(4)	22982(1)	-10633(12-II-3)
83	4	-8.64(4)	-1.65(4)	-1.57(12-II-3)	214002(4)	22276(1)	-10376(12-II-3)
83	5	-8.94(4)	-1.66(4)	-1.49(12-II-3)	241100(4)	25855(1)	-11859(12-II-3)
83	6	-8.82(4)	-1.72(4)	-1.49(12-II-3)	237835(4)	25367(1)	-11659(12-II-3)
83	7	-8.67(4)	-1.76(4)	-1.48(12-II-3)	234582(4)	24806(1)	-11432(12-II-3)
83	8	-8.51(4)	-1.79(4)	-1.47(12-II-3)	231342(4)	24122(1)	-11172(12-II-3)
83	9	-8.83(4)	-1.86(4)	1.43(10-I-3)	260320(4)	27357(1)	-12336(12-II-3)
83	10	-8.70(4)	-1.92(4)	1.39(10-I-3)	256885(4)	26885(1)	-12246(12-II-3)
83	11	-8.54(4)	-1.95(4)	1.35(10-I-3)	253382(4)	26354(1)	-12129(12-II-3)
83	12	-8.35(4)	-1.96(4)	-1.33(12-II-3)	249876(4)	25860(4)	-11952(12-II-3)
83	13	-8.68(4)	-2.17(4)	1.40(10-I-3)	281186(4)	28064(1)	12696(10-I-3)
83	14	-8.55(4)	-2.22(4)	1.35(10-I-3)	277542(4)	27773(4)	-12543(12-II-3)
83	15	-8.39(4)	-2.22(4)	1.30(10-I-3)	273797(4)	27639(4)	-12717(12-II-3)
83	16	-8.17(4)	-2.17(4)	1.24(10-I-3)	269759(4)	27626(4)	-12861(12-II-3)
84	1	-8.52(4)	-1.65(4)	-1.55(12-II-3)	211665(4)	21534(13-I-3)	-10146(12-II-3)
84	2	-8.44(4)	-1.65(4)	-1.54(12-II-3)	210002(4)	21477(13-I-3)	-9961(12-II-3)
84	3	-8.36(4)	-1.64(4)	-1.52(12-II-3)	208319(4)	21405(13-I-3)	-9769(12-II-3)
84	4	-8.28(4)	-1.62(4)	-1.51(12-II-3)	206610(4)	21315(13-I-3)	-9560(12-II-3)
84	5	-8.38(4)	-1.78(4)	-1.46(12-II-3)	228827(4)	23550(13-I-2)	-10949(12-II-3)
84	6	-8.29(4)	-1.78(4)	-1.45(12-II-3)	227014(4)	23491(13-I-2)	-10775(12-II-3)
84	7	-8.21(4)	-1.77(4)	-1.44(12-II-3)	225168(4)	23444(13-I-2)	-10590(12-II-3)
84	8	-8.13(4)	-1.75(4)	-1.42(12-II-3)	223286(4)	23418(13-I-2)	-10401(12-II-3)
84	9	-8.21(4)	-1.95(4)	-1.33(12-II-3)	247175(4)	25807(4)	-11776(12-II-3)
84	10	-8.11(4)	-1.94(4)	-1.33(12-II-3)	245260(4)	25633(4)	-11636(12-II-3)
84	11	-8.03(4)	-1.92(4)	-1.33(12-II-3)	243326(4)	25365(4)	-11520(12-II-3)
84	12	-7.96(4)	-1.90(4)	-1.32(12-II-3)	241253(4)	25282(11-I-2)	-11394(12-II-3)
84	13	-8.01(4)	-2.14(4)	1.20(10-I-3)	266773(4)	27676(4)	-12790(12-II-3)
84	14	-7.91(4)	-2.12(4)	-1.19(12-II-3)	264897(4)	27602(4)	-12797(12-II-3)
84	15	-7.83(4)	-2.09(4)	-1.19(12-II-3)	262806(4)	27514(11-I-2)	-12774(12-II-3)
84	16	-7.79(4)	-2.08(8)	-1.20(12-II-3)	260767(4)	27413(11-I-2)	-12762(12-II-3)
85	1	-9.10(4)	-1.27(4)	-1.60(12-II-3)	236077(4)	24887(1)	-11746(12-II-3)
85	2	-9.13(4)	-1.35(4)	-1.62(12-II-3)	232769(4)	24860(1)	-11622(12-II-3)
85	3	-9.13(4)	-1.43(4)	-1.63(12-II-3)	229507(4)	24718(1)	-11467(12-II-3)
85	4	-9.10(4)	-1.50(4)	-1.63(12-II-3)	226305(4)	24451(1)	-11289(12-II-3)
85	5	-9.00(4)	-1.18(4)	1.58(10-I-3)	254481(4)	26815(1)	-12453(12-II-3)
85	6	-9.05(4)	-1.34(4)	1.55(10-I-3)	251073(4)	26758(1)	-12349(12-II-3)
85	7	-9.06(4)	-1.47(4)	1.53(10-I-3)	247693(4)	26570(1)	-12208(12-II-3)
85	8	-9.02(4)	-1.58(4)	1.50(10-I-3)	244376(4)	26260(1)	-12041(12-II-3)
85	9	-8.89(4)	-1.18(4)	1.58(10-I-3)	274099(4)	28446(4)	-12433(12-II-3)
85	10	-8.95(4)	-1.42(4)	1.55(10-I-3)	270572(4)	28314(1)	-12477(12-II-3)
85	11	-8.96(4)	-1.61(4)	1.51(10-I-3)	267106(4)	28084(1)	-12447(12-II-3)
85	12	-8.92(4)	-1.75(4)	1.47(10-I-3)	263719(4)	27759(1)	-12402(12-II-3)
85	13	-8.72(4)	-1.33(4)	1.62(10-I-3)	295483(4)	29457(4)	14063(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
85	14	-8.80(4)	-1.65(4)	1.56(10-I-3)	291670(4)	28844(4)	13724(10-I-3)
85	15	-8.81(4)	-1.90(4)	1.50(10-I-3)	288221(4)	28586(1)	13392(10-I-3)
85	16	-8.77(4)	-2.07(4)	1.45(10-I-3)	284737(4)	28365(1)	13051(10-I-3)
86	1	-8.17(4)	-1.59(4)	-1.49(12-II-3)	204210(4)	21310(13-I-2)	-9265(12-II-3)
86	2	-8.03(4)	-1.55(4)	-1.46(12-II-3)	201131(4)	21249(13-I-2)	-8841(12-II-3)
86	3	-7.88(4)	-1.49(4)	-1.45(12-II-3)	198136(4)	21261(13-I-2)	-8351(12-II-3)
86	4	-7.73(8)	-1.44(4)	-1.43(12-II-3)	195283(4)	21310(13-I-2)	7949(10-I-3)
86	5	-8.01(4)	-1.72(4)	-1.41(12-II-3)	220574(4)	23377(13-I-2)	-10112(12-II-3)
86	6	-7.87(4)	-1.67(4)	-1.39(12-II-3)	217059(4)	23420(13-I-2)	-9681(12-II-3)
86	7	-7.71(4)	-1.61(4)	-1.38(12-II-3)	213596(4)	23508(13-I-2)	-9173(12-II-3)
86	8	-7.61(8)	-1.56(4)	-1.37(12-II-3)	210280(4)	23636(13-I-2)	-8583(12-II-3)
86	9	-7.85(4)	-1.86(4)	-1.31(12-II-3)	238179(4)	25316(11-I-2)	-11185(12-II-3)
86	10	-7.70(4)	-1.81(4)	-1.30(12-II-3)	234164(4)	25413(11-I-2)	-10851(12-II-3)
86	11	-7.58(8)	-1.75(4)	-1.29(12-II-3)	230213(4)	25557(11-I-2)	-10388(12-II-3)
86	12	-7.48(8)	-1.69(4)	-1.29(12-II-3)	226402(4)	25712(13-I-2)	-9842(12-II-3)
86	13	-7.68(4)	-2.14(8)	-1.20(12-II-3)	257389(4)	27336(11-I-2)	-12902(12-II-3)
86	14	-7.54(4)	-2.15(8)	-1.21(12-II-3)	252837(4)	27387(11-I-2)	-12821(12-II-3)
86	15	-7.45(8)	-2.11(8)	-1.20(12-II-3)	248501(4)	27507(11-I-2)	-12644(12-II-3)
86	16	-7.33(8)	-2.02(8)	-1.19(12-II-3)	244200(4)	27840(11-I-2)	-12291(12-II-3)
87	1	-7.65(8)	-1.37(4)	-1.42(12-II-3)	192638(4)	21371(13-I-2)	8108(10-I-3)
87	2	-7.54(8)	-1.29(4)	-1.40(12-II-3)	190220(4)	21399(13-I-2)	8267(10-I-3)
87	3	-7.43(8)	-1.20(4)	-1.35(12-II-3)	187957(4)	21426(13-I-2)	8371(10-I-3)
87	4	-7.30(8)	-1.09(4)	-1.29(12-II-3)	185678(4)	21476(13-I-2)	8414(10-I-3)
87	5	-7.50(8)	-1.51(4)	-1.38(12-II-3)	207178(4)	23785(13-I-2)	-7913(12-II-3)
87	6	-7.39(8)	-1.45(4)	-1.40(12-II-3)	204459(4)	23909(13-I-2)	7999(10-I-3)
87	7	-7.28(8)	-1.34(4)	-1.37(12-II-3)	202060(4)	23822(13-I-2)	8126(10-I-3)
87	8	-7.17(8)	-1.20(4)	-1.30(12-II-3)	199494(4)	23903(13-I-2)	7945(10-I-3)
87	9	-7.33(8)	-1.64(4)	-1.30(12-II-3)	222762(4)	25981(11-I-2)	-9173(12-II-3)
87	10	-7.18(8)	-1.59(4)	-1.34(12-II-3)	219431(4)	26269(11-I-2)	-8322(12-II-3)
87	11	-7.13(8)	-1.57(4)	-1.46(12-II-3)	217234(4)	26468(11-I-2)	8115(10-I-3)
87	12	-7.05(8)	-1.36(4)	-1.35(12-II-3)	215263(4)	25722(11-I-2)	7673(10-I-3)
87	13	-7.17(8)	-1.92(8)	-1.18(12-II-3)	239984(4)	27854(11-I-2)	-11794(12-II-3)
87	14	-6.96(8)	-1.79(8)	-1.19(12-II-3)	236025(4)	28247(11-I-2)	-11140(12-II-3)
87	15	-6.73(8)	-1.71(8)	-1.27(12-II-3)	232420(4)	28750(11-I-2)	-9960(12-II-3)
87	16	-7.12(8)	-2.02(12-II-3)	-1.72(12-II-3)	233221(4)	29504(11-I-2)	7921(10-I-3)
88	1	-7.10(8)	-0.99(4)	-1.22(12-II-3)	182839(4)	21644(13-I-2)	8534(10-I-3)
88	2	-6.85(8)	-0.90(4)	-1.14(12-II-3)	179721(4)	21559(13-I-2)	9109(10-I-3)
88	3	-6.67(8)	-0.79(4)	-1.08(12-II-3)	177675(4)	20630(13-I-2)	10368(10-I-3)
88	4	-6.58(8)	-0.66(4)	-1.01(12-II-3)	181223(13-I-2)	18090(13-I-2)	13088(11-I-4)
88	5	-6.94(8)	-1.10(4)	-1.21(12-II-3)	195553(4)	24324(13-I-2)	7675(10-I-3)
88	6	-6.60(8)	-1.03(4)	-1.16(12-II-3)	190641(4)	24917(13-I-2)	8123(10-I-3)
88	7	-6.41(8)	-0.92(4)	-1.12(12-II-3)	188839(13-I-2)	24689(13-I-2)	9717(10-I-3)
88	8	-6.31(8)	-0.82(4)	-1.05(12-II-3)	191957(13-I-2)	22858(13-I-2)	14096(11-I-4)
88	9	-6.83(8)	-1.22(4)	-1.20(12-II-3)	209929(4)	26517(11-I-2)	-7501(12-II-3)
88	10	-6.34(8)	-1.15(4)	-1.21(12-II-3)	202335(4)	27887(11-I-2)	6320(10-I-3)
88	11	-6.17(8)	-1.01(4)	-1.13(12-II-3)	200708(13-I-2)	27895(11-I-2)	8047(10-I-3)
88	12	-6.06(8)	-0.93(4)	-1.04(12-II-3)	202520(13-I-2)	26761(11-I-2)	11422(11-I-4)
88	13	-6.70(8)	-1.29(4)	-1.35(12-II-3)	227022(4)	28309(11-I-2)	-10177(12-II-3)
88	14	-6.06(8)	-1.14(4)	-1.17(12-II-3)	220931(11-I-2)	28273(11-I-2)	-9441(12-II-3)
88	15	-5.98(8)	-1.08(4)	-1.10(12-II-3)	221301(11-I-2)	27878(11-I-2)	-8776(12-II-3)
88	16	-5.93(8)	-0.94(4)	-1.05(12-II-3)	222831(11-I-2)	26218(11-I-2)	-7338(12-II-3)
89	1	-11.27(2)	-1.28(2)	-1.64(4)	-270062(11-I-4)	-33760(11-I-4)	8983(10-I-3)
89	2	-10.73(2)	-1.30(2)	-1.82(4)	-267763(11-I-4)	-33756(11-I-4)	8993(10-I-3)
89	3	-10.69(2)	-1.31(2)	-1.25(4)	-267478(11-I-4)	-33707(11-I-4)	9766(10-I-3)
89	4	-11.09(2)	-1.31(2)	-1.46(4)	-269031(11-I-4)	-33617(11-I-4)	9599(10-I-3)
89	5	-11.10(2)	-1.08(2)	-1.66(4)	-251146(11-I-4)	-31618(11-I-4)	9260(10-I-3)
89	6	-10.76(2)	-1.22(2)	-1.66(4)	-250188(11-I-4)	-31915(11-I-4)	9158(10-I-3)
89	7	-10.72(2)	-1.24(2)	-1.40(4)	-249991(11-I-4)	-31869(11-I-4)	9575(10-I-3)
89	8	-10.95(2)	-1.14(4)	-1.40(4)	-250570(11-I-4)	-31500(11-I-4)	9405(10-I-3)
89	9	-10.95(2)	-0.94(4)	-1.59(4)	-233557(11-I-4)	-29811(11-I-4)	9428(10-I-3)
89	10	-10.75(2)	-1.06(4)	-1.58(4)	-233192(11-I-4)	-29951(11-I-4)	9319(10-I-3)
89	11	-10.72(2)	-1.10(4)	-1.45(4)	-233057(11-I-4)	-29915(11-I-4)	9446(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
89	12	-10.82(2)	-1.05(4)	-1.41(4)	-233201(11-I-4)	-29703(11-I-4)	9320(10-I-3)
89	13	-10.83(2)	-0.81(4)	-1.52(4)	-216965(11-I-4)	-28042(11-I-4)	9498(10-I-3)
89	14	-10.72(2)	-0.91(4)	-1.52(4)	-216916(11-I-4)	-28107(11-I-4)	9408(10-I-3)
89	15	-10.68(2)	-0.96(4)	-1.46(4)	-216886(11-I-4)	-28080(11-I-4)	9404(10-I-3)
89	16	-10.72(2)	-0.96(4)	-1.42(4)	-216904(11-I-4)	-27970(11-I-4)	9313(10-I-3)
90	1	-10.71(2)	-0.69(4)	-1.46(4)	-201365(11-I-4)	-26330(11-I-4)	9505(10-I-3)
90	2	-10.65(2)	-0.78(4)	-1.47(4)	-201487(11-I-4)	-26373(11-I-4)	9436(10-I-3)
90	3	-10.62(2)	-0.83(4)	-1.44(4)	-201545(11-I-4)	-26355(11-I-4)	9395(10-I-3)
90	4	-10.63(2)	-0.86(4)	-1.40(4)	-201559(11-I-4)	-26290(11-I-4)	9324(10-I-3)
90	5	-10.60(2)	-0.57(4)	-1.41(4)	-187148(13-I-4)	-24680(11-I-4)	9467(10-I-3)
90	6	-10.57(2)	-0.66(4)	-1.42(4)	-187518(13-I-4)	-24727(11-I-4)	9420(10-I-3)
90	7	-10.55(2)	-0.72(4)	-1.41(4)	-187793(13-I-4)	-24721(11-I-4)	9380(10-I-3)
90	8	-10.55(2)	-0.76(4)	-1.38(4)	-187998(13-I-4)	-24673(11-I-4)	9327(10-I-3)
90	9	-10.49(2)	-0.47(4)	-1.35(4)	-175801(13-I-4)	-23159(13-I-4)	9393(10-I-3)
90	10	-10.48(2)	-0.55(4)	-1.37(4)	-176226(13-I-4)	-23289(13-I-4)	9377(10-I-3)
90	11	-10.48(2)	-0.62(4)	-1.37(4)	-176541(13-I-4)	-23341(13-I-4)	9340(10-I-3)
90	12	-10.47(2)	-0.67(4)	-1.35(4)	-176784(13-I-4)	-23332(13-I-4)	9304(10-I-3)
90	13	-10.39(2)	-0.38(4)	-1.30(4)	-165152(13-I-4)	-21885(13-I-4)	9280(10-I-3)
90	14	-10.39(2)	-0.45(4)	-1.32(4)	-165599(13-I-4)	-22033(13-I-4)	9286(10-I-3)
90	15	-10.38(2)	-0.53(4)	-1.33(4)	-165967(13-I-4)	-22099(13-I-4)	9290(10-I-3)
90	16	-10.39(4)	-0.58(4)	-1.32(4)	-166235(13-I-4)	-22108(13-I-4)	9272(10-I-3)
91	1	-10.28(2)	-0.30(8)	-1.25(4)	-155255(13-I-4)	-20692(13-I-4)	9152(10-I-3)
91	2	-10.29(2)	-0.37(4)	-1.28(4)	-155724(13-I-4)	-20810(13-I-4)	9178(10-I-3)
91	3	-10.29(2)	-0.44(4)	-1.29(4)	-156114(13-I-4)	-20896(13-I-4)	9203(10-I-3)
91	4	-10.31(4)	-0.50(4)	-1.29(4)	-156396(13-I-4)	-20961(13-I-4)	9205(10-I-3)
91	5	-10.17(2)	-0.24(8)	-1.20(4)	-146086(13-I-4)	-19521(13-I-4)	9008(10-I-3)
91	6	-10.19(2)	-0.31(8)	-1.23(4)	-146567(13-I-4)	-19710(1)	9056(10-I-3)
91	7	-10.19(2)	-0.38(8)	-1.25(4)	-146944(13-I-4)	-19932(1)	9082(10-I-3)
91	8	-10.23(4)	-0.43(8)	-1.25(4)	-147246(13-I-4)	-19977(1)	9106(10-I-3)
91	9	-10.06(2)	-0.20(8)	-1.15(4)	-137518(13-I-4)	-18684(1)	8835(10-I-3)
91	10	-10.09(2)	-0.26(8)	-1.19(4)	-137985(13-I-4)	-19187(1)	8901(10-I-3)
91	11	-10.10(2)	-0.33(8)	-1.21(4)	-138369(13-I-4)	-19455(1)	8953(10-I-3)
91	12	-10.15(4)	-0.39(8)	-1.21(4)	-138682(13-I-4)	-19520(1)	8993(10-I-3)
91	13	-9.95(2)	-0.15(8)	-1.10(4)	-129515(13-I-4)	-18169(1)	8649(10-I-3)
91	14	-9.98(2)	-0.22(8)	-1.14(4)	-129969(13-I-4)	-18729(1)	8732(10-I-3)
91	15	-10.00(2)	-0.29(8)	-1.16(4)	-130351(13-I-4)	-19039(1)	8799(10-I-3)
91	16	-10.06(4)	-0.35(8)	-1.17(4)	-130665(13-I-4)	-19132(1)	8852(10-I-3)
92	1	-9.84(2)	0.13(10-II-4)	-1.06(4)	-124356(4)	-17776(7)	8450(10-I-3)
92	2	-9.88(2)	-0.19(8)	-1.10(4)	-124003(4)	-18339(1)	8545(10-I-3)
92	3	-9.89(2)	-0.25(8)	-1.12(4)	-123664(4)	-18688(1)	8623(10-I-3)
92	4	-9.97(4)	-0.31(8)	-1.13(4)	-123343(4)	-18806(1)	8688(10-I-3)
92	5	-9.74(2)	0.17(10-II-4)	-1.01(4)	-122129(4)	-17529(7)	8239(10-I-3)
92	6	-9.77(2)	-0.16(8)	-1.05(4)	-121824(4)	-18019(1)	8341(10-I-3)
92	7	-9.78(2)	-0.23(8)	-1.08(4)	-121544(4)	-18401(1)	8427(10-I-3)
92	8	-9.88(4)	-0.29(8)	-1.09(4)	-121289(4)	-18543(1)	8502(10-I-3)
92	9	-9.63(2)	0.20(10-II-4)	-0.97(4)	-120672(4)	-17348(7)	8015(10-I-3)
92	10	-9.66(2)	0.16(10-II-4)	-1.01(4)	-120421(4)	-17863(2)	8121(10-I-3)
92	11	-9.68(2)	-0.21(8)	-1.04(4)	-120203(4)	-18234(2)	8213(10-I-3)
92	12	-9.79(4)	-0.27(8)	-1.05(4)	-120019(4)	-18357(2)	8294(10-I-3)
92	13	-9.52(2)	0.23(10-II-4)	-0.92(4)	-119954(4)	-17233(7)	7779(10-I-3)
92	14	-9.55(2)	0.19(10-II-4)	-0.96(4)	-119763(4)	-17862(2)	7884(10-I-3)
92	15	-9.57(4)	-0.20(8)	-0.99(4)	-119614(4)	-18253(2)	7979(10-I-3)
92	16	-9.69(4)	-0.25(8)	-1.01(4)	-119505(4)	-18390(2)	8064(10-I-3)
93	1	-9.41(2)	0.26(10-II-4)	0.91(12-I-2)	-119947(4)	-17239(2)	7528(10-I-3)
93	2	-9.44(2)	0.22(10-II-4)	-0.92(4)	-119823(4)	-17933(2)	7631(10-I-3)
93	3	-9.47(4)	-0.19(8)	-0.95(4)	-119749(4)	-18338(2)	7726(10-I-3)
93	4	-9.60(4)	-0.25(8)	-0.98(4)	-119721(4)	-18486(2)	7813(10-I-3)
93	5	-9.31(2)	0.28(10-II-4)	0.92(12-I-2)	-120619(4)	-17371(2)	7263(10-I-3)
93	6	-9.33(2)	0.24(10-II-4)	0.93(12-I-2)	-120572(4)	-18075(2)	7361(10-I-3)
93	7	-9.37(4)	0.20(10-II-4)	0.94(12-I-2)	-120580(4)	-18488(2)	7453(10-I-3)
93	8	-9.50(4)	-0.25(8)	0.95(12-I-1)	-120640(4)	-18641(2)	7540(10-I-3)
93	9	-9.20(2)	0.29(10-II-4)	0.94(12-I-2)	-121945(4)	-17582(2)	6982(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
93	10	-9.22(2)	0.26(10-II-4)	0.95(12-I-2)	-121983(4)	-18286(2)	7073(10-I-3)
93	11	-9.26(4)	0.22(10-II-4)	0.96(12-I-2)	-122082(4)	-18700(2)	7161(10-I-3)
93	12	-9.40(4)	-0.25(8)	0.96(12-I-1)	-122235(4)	-18854(2)	7246(10-I-3)
93	13	-9.09(2)	0.30(10-II-4)	0.95(12-I-2)	-123895(4)	-17869(2)	6684(10-I-3)
93	14	-9.11(2)	0.27(10-II-4)	0.96(12-I-2)	-124029(4)	-18566(2)	6765(10-I-3)
93	15	-9.16(4)	0.23(10-II-4)	0.97(12-I-2)	-124227(4)	-18974(2)	6847(10-I-3)
93	16	-9.30(4)	-0.26(8)	0.98(12-I-1)	-124483(4)	-19125(2)	6929(10-I-3)
94	1	-8.99(2)	0.31(10-II-4)	0.97(12-I-2)	-126444(4)	-18232(2)	6366(10-I-3)
94	2	-8.99(2)	0.28(10-II-4)	0.98(12-I-2)	-126789(2)	-18911(2)	6438(10-I-3)
94	3	-9.05(4)	0.24(10-II-4)	0.98(12-I-2)	-127174(2)	-19306(2)	6513(10-I-3)
94	4	-9.20(4)	-0.29(4)	0.99(12-I-1)	-127483(2)	-19448(2)	6590(10-I-3)
94	5	-8.88(2)	0.31(10-II-4)	0.98(12-I-2)	-130427(2)	-18665(2)	6028(10-I-3)
94	6	-8.88(2)	0.28(10-II-4)	0.99(12-I-2)	-130918(2)	-19318(2)	6088(10-I-3)
94	7	-8.95(4)	-0.27(4)	0.99(12-I-2)	-131345(2)	-19693(2)	6156(10-I-3)
94	8	-9.10(4)	-0.33(4)	0.99(12-I-1)	-131693(2)	-19822(2)	6228(10-I-3)
94	9	-8.77(2)	0.31(10-II-4)	0.99(12-I-2)	-135079(2)	-19167(2)	5666(10-I-3)
94	10	-8.76(2)	0.29(10-II-4)	1.00(12-I-2)	-135615(2)	-19784(2)	5716(10-I-3)
94	11	-8.84(4)	-0.32(4)	1.00(12-I-2)	-136082(2)	-20132(2)	5776(10-I-3)
94	12	-9.00(4)	-0.38(4)	1.00(12-I-2)	-136468(2)	-20243(2)	5843(10-I-3)
94	13	-8.67(2)	0.31(10-II-4)	1.00(12-I-2)	-140276(2)	-19732(2)	5281(10-I-3)
94	14	-8.65(2)	-0.33(4)	1.00(12-I-2)	-140857(2)	-20303(2)	5320(10-I-3)
94	15	-8.73(4)	-0.38(4)	1.01(12-I-2)	-141364(2)	-20617(2)	5372(10-I-3)
94	16	-8.90(4)	-0.43(4)	1.00(12-I-2)	-141785(2)	-20705(2)	5434(10-I-3)
95	1	-8.56(2)	-0.34(4)	1.00(12-I-2)	-145996(2)	-20354(2)	4869(10-I-3)
95	2	-8.53(2)	-0.39(4)	1.01(12-I-2)	-146621(2)	-20871(2)	4899(10-I-3)
95	3	-8.62(4)	-0.44(4)	1.01(12-I-2)	-147166(2)	-21144(2)	4944(10-I-3)
95	4	-8.80(4)	-0.49(4)	1.01(12-I-2)	-147621(2)	-21205(2)	5003(10-I-3)
95	5	-8.45(2)	-0.42(4)	1.01(12-I-2)	-152217(2)	-21028(2)	4451(11-II-2)
95	6	-8.41(2)	-0.47(4)	1.01(12-I-2)	-152886(2)	-21481(2)	4492(11-II-2)
95	7	-8.51(4)	-0.52(4)	1.01(12-I-2)	-153467(2)	-21706(2)	4566(11-II-2)
95	8	-8.70(4)	-0.56(4)	1.01(12-I-2)	-153950(2)	-21737(2)	4664(11-II-2)
95	9	-8.33(2)	-0.50(4)	1.01(12-I-2)	-158920(2)	-21747(2)	4068(11-II-2)
95	10	-8.28(2)	-0.55(4)	1.01(12-I-2)	-159629(2)	-22126(2)	4119(11-II-2)
95	11	-8.41(4)	-0.59(4)	1.01(12-I-2)	-160241(2)	-22300(2)	4206(11-II-2)
95	12	-8.60(4)	-0.64(4)	1.00(12-I-2)	-160750(2)	-22297(2)	4318(11-II-2)
95	13	-8.22(2)	-0.59(4)	1.00(12-I-2)	-166086(2)	-22491(2)	3650(11-II-2)
95	14	-8.16(2)	-0.64(4)	1.01(12-I-2)	-166829(2)	-22802(2)	3720(11-II-2)
95	15	-8.30(4)	-0.68(4)	1.00(12-I-2)	-167464(2)	-22918(2)	3821(11-II-2)
95	16	-8.50(4)	-0.72(4)	1.00(12-I-2)	-167992(2)	-22878(2)	3950(11-II-2)
96	1	-8.13(2)	-0.66(4)	1.00(12-I-2)	-171929(2)	-23095(2)	3326(11-II-2)
96	2	-8.06(2)	-0.71(4)	1.00(12-I-2)	-172697(2)	-23345(2)	3396(11-II-2)
96	3	-8.21(4)	-0.75(4)	1.00(12-I-2)	-173343(2)	-23414(2)	3517(11-I-4)
96	4	-8.42(4)	-0.79(4)	0.99(12-I-2)	-173881(2)	-23344(2)	3741(11-I-4)
96	5	-8.07(2)	-0.72(4)	0.99(12-I-2)	-176240(2)	-23548(2)	3077(11-II-2)
96	6	-7.99(2)	-0.76(4)	0.99(12-I-2)	-177016(2)	-23739(2)	3163(11-II-2)
96	7	-8.15(4)	-0.80(4)	0.99(12-I-2)	-177669(2)	-23771(2)	3371(11-I-4)
96	8	-8.37(4)	-0.84(4)	0.98(12-I-2)	-178212(2)	-23678(2)	3604(11-I-4)
96	9	-8.00(2)	-0.77(4)	0.99(12-I-2)	-180675(2)	-24004(2)	-2951(13-I-2)
96	10	-7.92(2)	-0.81(4)	0.99(12-I-2)	-181454(2)	-24143(2)	3003(11-I-4)
96	11	-8.09(4)	-0.85(4)	0.98(12-I-2)	-182111(2)	-24132(2)	3225(11-I-4)
96	12	-8.31(4)	-0.90(4)	0.97(12-I-2)	-182657(2)	-24017(2)	3468(11-I-4)
96	13	-7.93(2)	-0.82(4)	0.98(12-I-2)	-185226(2)	-24497(2)	-3103(13-II-4)
96	14	-7.85(2)	-0.87(4)	0.98(12-I-2)	-186002(2)	-24546(2)	-3085(13-II-4)
96	15	-8.03(4)	-0.91(4)	0.97(12-I-2)	-186664(2)	-24496(2)	3079(11-I-4)
96	16	-8.26(4)	-0.95(4)	0.97(12-I-2)	-187209(2)	-24359(2)	3387(10-II-1)
97	1	-7.80(2)	-0.93(4)	0.96(12-I-2)	-194485(2)	-25384(2)	-3508(13-II-4)
97	2	-7.70(2)	-0.97(4)	0.96(12-I-2)	-195240(2)	-25339(2)	-3469(13-II-4)
97	3	-7.92(4)	-1.02(4)	0.95(12-I-2)	-195885(2)	-25219(2)	-3402(13-II-4)
97	4	-8.16(4)	-1.06(4)	0.94(12-I-2)	-196421(2)	-25038(2)	3362(10-II-1)
97	5	-7.61(2)	-1.08(4)	0.92(12-I-2)	-208898(2)	-26741(2)	-4124(6)
97	6	-7.49(2)	-1.13(4)	0.91(12-I-2)	-209585(2)	-26574(2)	-4095(12-I-1)
97	7	-7.75(4)	-1.19(4)	0.91(12-I-2)	-210178(2)	-26343(2)	-4130(12-I-1)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
97	8	-8.01(4)	-1.25(4)	0.90(12-I-2)	-210682(2)	-26102(2)	-4136(12-I-1)
97	9	-7.42(2)	-1.20(4)	0.86(12-I-2)	-223912(2)	-28283(2)	-5251(12-I-1)
97	10	-7.30(4)	-1.27(4)	0.86(12-I-2)	-224483(2)	-27908(2)	-5348(12-I-1)
97	11	-7.60(4)	-1.37(4)	0.85(12-I-2)	-225007(2)	-27580(2)	-5395(12-I-1)
97	12	-7.86(4)	-1.46(4)	0.85(12-I-2)	-225447(2)	-27286(2)	-5412(12-I-1)
97	13	-7.23(2)	-1.27(4)	0.77(12-I-2)	-239117(2)	-30001(2)	-7257(12-I-1)
97	14	-7.15(4)	-1.41(4)	0.78(12-I-2)	-239645(2)	-29521(2)	-7372(12-I-1)
97	15	-7.45(4)	-1.56(4)	0.79(12-I-2)	-240001(2)	-29128(2)	-7444(12-I-1)
97	16	-7.72(4)	-1.71(4)	0.79(12-I-2)	-240364(2)	-28773(2)	-7490(12-I-1)
98	1	-11.11(2)	-1.30(2)	-1.43(4)	-268545(11-I-4)	-33566(11-I-4)	8475(10-I-3)
98	2	-10.70(2)	-1.32(4)	-1.63(4)	-266196(11-I-4)	-33554(11-I-4)	8599(10-I-3)
98	3	-10.71(4)	-1.33(4)	-1.16(10-II-1)	-265951(11-I-4)	-33498(11-I-4)	9457(10-I-3)
98	4	-11.27(4)	-1.33(4)	-1.32(10-II-1)	-267663(11-I-4)	-33404(11-I-4)	9241(10-I-3)
98	5	-10.95(2)	-1.15(4)	-1.47(4)	-250198(11-I-4)	-31460(11-I-4)	8788(10-I-3)
98	6	-10.71(4)	-1.28(4)	-1.46(4)	-248976(11-I-4)	-31727(11-I-4)	8789(10-I-3)
98	7	-10.77(4)	-1.29(4)	-1.27(10-II-1)	-248736(11-I-4)	-31645(11-I-4)	9239(10-I-3)
98	8	-11.14(4)	-1.18(4)	-1.30(10-II-1)	-249252(11-I-4)	-31245(11-I-4)	9040(10-I-3)
98	9	-10.82(2)	-1.07(4)	-1.44(4)	-232973(11-I-4)	-29657(11-I-4)	9027(10-I-3)
98	10	-10.73(4)	-1.16(4)	-1.38(4)	-232398(11-I-4)	-29762(11-I-4)	8969(10-I-3)
98	11	-10.79(4)	-1.17(4)	-1.32(10-II-1)	-232092(11-I-4)	-29678(11-I-4)	9098(10-I-3)
98	12	-11.02(4)	-1.10(4)	-1.34(10-II-1)	-232048(11-I-4)	-29440(11-I-4)	8989(10-I-3)
98	13	-10.72(2)	-0.99(4)	-1.40(4)	-216747(11-I-4)	-27914(11-I-4)	9157(10-I-3)
98	14	-10.71(4)	-1.04(4)	-1.35(4)	-216420(11-I-4)	-27910(11-I-4)	9088(10-I-3)
98	15	-10.78(4)	-1.05(4)	-1.34(10-II-1)	-216149(11-I-4)	-27833(11-I-4)	9090(10-I-3)
98	16	-10.93(4)	-1.01(4)	-1.37(10-II-1)	-215944(11-I-4)	-27680(11-I-4)	9012(10-I-3)
99	1	-11.48(4)	-1.35(4)	-1.35(10-II-1)	-267455(11-I-4)	-33339(11-I-4)	7930(10-I-3)
99	2	-11.42(4)	-1.34(4)	-1.62(10-II-1)	-265452(11-I-4)	-33413(11-I-4)	8166(10-I-3)
99	3	-11.38(4)	-1.35(4)	-1.49(10-II-1)	-265091(11-I-4)	-33352(11-I-4)	9036(10-I-3)
99	4	-11.41(4)	-1.35(4)	-1.68(10-II-1)	-266324(11-I-4)	-33165(11-I-4)	8969(10-I-3)
99	5	-11.27(4)	-1.17(4)	-1.42(10-II-1)	-249037(11-I-4)	-31153(11-I-4)	8487(10-I-3)
99	6	-11.30(4)	-1.19(4)	-1.51(10-II-1)	-248282(11-I-4)	-31432(11-I-4)	8469(10-I-3)
99	7	-11.28(4)	-1.19(4)	-1.58(10-II-1)	-247946(11-I-4)	-31359(11-I-4)	8715(10-I-3)
99	8	-11.22(4)	-1.18(4)	-1.63(10-II-1)	-247987(11-I-4)	-30942(11-I-4)	8633(10-I-3)
99	9	-11.13(4)	-1.06(4)	-1.42(10-II-1)	-231869(11-I-4)	-29341(11-I-4)	8775(10-I-3)
99	10	-11.16(4)	-1.07(4)	-1.50(10-II-1)	-231543(11-I-4)	-29338(11-I-4)	8691(10-I-3)
99	11	-11.14(4)	-1.08(4)	-1.57(10-II-1)	-231190(11-I-4)	-29261(11-I-4)	8658(10-I-3)
99	12	-11.10(4)	-1.09(4)	-1.62(10-II-1)	-230845(11-I-4)	-29105(11-I-4)	8593(10-I-3)
99	13	-11.01(4)	-0.98(4)	-1.44(10-II-1)	-215722(11-I-4)	-27553(11-I-4)	8901(10-I-3)
99	14	-11.03(4)	-0.98(4)	-1.50(10-II-1)	-215468(11-I-4)	-27485(11-I-4)	8831(10-I-3)
99	15	-11.02(4)	-1.00(4)	-1.55(10-II-1)	-215159(11-I-4)	-27402(11-I-4)	8774(10-I-3)
99	16	-10.99(4)	-1.02(4)	-1.61(10-II-1)	-214804(11-I-4)	-27296(11-I-4)	8721(10-I-3)
100	1	-11.20(4)	-1.32(4)	-1.67(10-II-1)	-265396(11-I-4)	-33076(11-I-4)	-8204(12-II-3)
100	2	-10.63(4)	-1.33(4)	-1.85(10-II-1)	-262254(11-I-4)	-32968(11-I-4)	-8489(12-II-3)
100	3	-10.51(4)	-1.33(4)	-1.50(10-II-1)	-261061(11-I-4)	-32814(11-I-4)	8882(10-I-3)
100	4	-10.75(4)	-1.31(4)	-1.68(10-II-1)	-261611(11-I-4)	-32652(11-I-4)	8892(10-I-3)
100	5	-11.08(4)	-1.20(4)	-1.71(10-II-1)	-247126(11-I-4)	-30846(11-I-4)	8109(10-I-3)
100	6	-10.69(4)	-1.32(4)	-1.75(10-II-1)	-245284(11-I-4)	-31012(11-I-4)	8119(10-I-3)
100	7	-10.58(4)	-1.32(4)	-1.62(10-II-1)	-244211(11-I-4)	-30878(11-I-4)	8714(10-I-3)
100	8	-10.68(4)	-1.25(4)	-1.63(10-II-1)	-243995(11-I-4)	-30497(11-I-4)	8782(10-I-3)
100	9	-10.97(4)	-1.13(4)	-1.69(10-II-1)	-230133(11-I-4)	-28981(11-I-4)	8423(10-I-3)
100	10	-10.72(4)	-1.23(4)	-1.71(10-II-1)	-228970(11-I-4)	-28962(11-I-4)	8422(10-I-3)
100	11	-10.61(4)	-1.25(4)	-1.66(10-II-1)	-227997(11-I-4)	-28837(11-I-4)	8686(10-I-3)
100	12	-10.63(4)	-1.22(4)	-1.64(10-II-1)	-227390(11-I-4)	-28576(11-I-4)	8775(10-I-3)
100	13	-10.89(4)	-1.07(4)	-1.66(10-II-1)	-214187(11-I-4)	-27170(11-I-4)	8656(10-I-3)
100	14	-10.72(4)	-1.14(4)	-1.68(10-II-1)	-213298(11-I-4)	-27046(11-I-4)	8663(10-I-3)
100	15	-10.62(4)	-1.18(4)	-1.66(10-II-1)	-212471(11-I-4)	-26906(11-I-4)	8782(10-I-3)
100	16	-10.60(4)	-1.17(4)	-1.65(10-II-1)	-211790(11-I-4)	-26720(11-I-4)	8851(10-I-3)
101	1	-10.69(4)	-1.32(4)	-1.59(10-II-1)	-260748(11-I-4)	-32560(11-I-4)	8161(10-I-3)
101	2	-10.66(4)	-1.32(4)	-1.69(10-II-1)	-259114(11-I-4)	-32464(11-I-4)	8435(10-I-3)
101	3	-10.65(4)	-1.32(4)	-1.59(10-II-1)	-258190(11-I-4)	-32339(11-I-4)	8613(10-I-3)
101	4	-10.69(4)	-1.31(4)	-1.69(10-II-1)	-257642(11-I-4)	-32227(11-I-4)	8724(10-I-3)
101	5	-10.66(4)	-1.27(4)	-1.64(10-II-1)	-243239(11-I-4)	-30390(11-I-4)	8444(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
101	6	-10.64(4)	-1.27(4)	-1.66(10-II-1)	-242066(11-I-4)	-30408(11-I-4)	8479(10-I-3)
101	7	-10.64(4)	-1.27(4)	-1.64(10-II-1)	-241174(11-I-4)	-30302(11-I-4)	8663(10-I-3)
101	8	-10.69(4)	-1.28(4)	-1.64(10-II-1)	-240475(11-I-4)	-30152(11-I-4)	8687(10-I-3)
101	9	-10.62(4)	-1.21(4)	-1.64(10-II-1)	-226714(11-I-4)	-28430(11-I-4)	8664(10-I-3)
101	10	-10.61(4)	-1.22(4)	-1.65(10-II-1)	-225798(11-I-4)	-28392(11-I-4)	8649(10-I-3)
101	11	-10.61(4)	-1.22(4)	-1.65(10-II-1)	-224919(11-I-4)	-28318(11-I-4)	8744(10-I-3)
101	12	-10.65(4)	-1.20(4)	-1.66(10-II-1)	-224177(11-I-4)	-28213(11-I-4)	8751(10-I-3)
101	13	-10.59(4)	-1.17(4)	-1.65(10-II-1)	-211102(11-I-4)	-26576(11-I-4)	8832(10-I-3)
101	14	-10.58(4)	-1.17(4)	-1.66(10-II-1)	-210319(11-I-4)	-26503(11-I-4)	8830(10-I-3)
101	15	-10.58(4)	-1.16(4)	-1.66(10-II-1)	-209529(11-I-4)	-26442(11-I-4)	8866(10-I-3)
101	16	-10.60(4)	-1.14(4)	-1.68(10-II-1)	-208786(11-I-4)	-26378(11-I-4)	8860(10-I-3)
102	1	-10.02(4)	-1.24(4)	-1.72(10-II-1)	-247674(11-I-3)	-30977(11-I-3)	-8364(12-II-3)
102	2	-9.90(4)	-1.25(4)	-1.76(10-II-1)	-246094(11-I-3)	-30823(11-I-3)	-8206(12-II-3)
102	3	-9.81(4)	-1.24(4)	-1.64(10-II-1)	-244925(11-I-3)	-30673(11-I-3)	-8017(12-II-3)
102	4	-9.64(4)	-1.21(4)	-1.72(10-II-1)	-244198(11-I-3)	-30528(11-I-3)	-7746(12-II-3)
102	5	-10.02(4)	-1.26(4)	-1.79(10-II-1)	-231102(11-I-3)	-28962(11-I-3)	-8098(12-II-3)
102	6	-9.88(4)	-1.23(4)	-1.73(10-II-1)	-229804(11-I-3)	-28860(11-I-3)	-8038(12-II-3)
102	7	-9.77(4)	-1.21(4)	-1.69(10-II-1)	-228725(11-I-3)	-28713(11-I-3)	-7849(12-II-3)
102	8	-9.62(4)	-1.23(4)	-1.67(10-II-1)	-227879(11-I-3)	-28519(11-I-3)	-7691(12-II-3)
102	9	-10.00(4)	-1.20(4)	-1.79(10-II-1)	-215475(11-I-3)	-27084(11-I-3)	-7723(12-II-3)
102	10	-9.84(4)	-1.21(4)	-1.75(10-II-1)	-214357(11-I-3)	-26954(11-I-3)	-7683(12-II-3)
102	11	-9.72(4)	-1.21(4)	-1.70(10-II-1)	-213308(11-I-3)	-26799(11-I-3)	7633(10-I-3)
102	12	-9.60(4)	-1.22(4)	-1.66(10-II-1)	-212370(11-I-3)	-26626(11-I-3)	7641(10-I-3)
102	13	-9.95(4)	-1.17(4)	-1.78(10-II-1)	-201599(13-I-3)	-25425(13-I-3)	7899(10-I-3)
102	14	-9.80(4)	-1.19(4)	-1.75(10-II-1)	-200851(13-I-3)	-25320(13-I-3)	7843(10-I-3)
102	15	-9.68(4)	-1.19(4)	-1.71(10-II-1)	-200134(13-I-3)	-25204(13-I-3)	7836(10-I-3)
102	16	-9.57(4)	-1.20(4)	-1.66(10-II-1)	-199483(13-I-3)	-25081(13-I-3)	7826(10-I-3)
103	1	-10.65(4)	-0.90(4)	-1.38(4)	-201461(11-I-4)	-26232(11-I-4)	9228(10-I-3)
103	2	-10.68(4)	-0.93(4)	-1.33(4)	-201255(11-I-4)	-26185(11-I-4)	9164(10-I-3)
103	3	-10.74(4)	-0.95(4)	-1.34(10-II-1)	-201024(11-I-4)	-26102(11-I-4)	9127(10-I-3)
103	4	-10.84(4)	-0.93(4)	-1.39(10-II-1)	-200776(11-I-4)	-25974(11-I-4)	9062(10-I-3)
103	5	-10.58(4)	-0.80(4)	-1.35(4)	-188116(13-I-4)	-24617(11-I-4)	9264(10-I-3)
103	6	-10.63(4)	-0.84(4)	-1.31(4)	-188151(13-I-4)	-24584(13-I-4)	9210(10-I-3)
103	7	-10.69(4)	-0.85(4)	-1.35(10-II-1)	-188134(13-I-4)	-24536(13-I-4)	9168(10-I-3)
103	8	-10.77(4)	-0.85(4)	-1.40(10-II-1)	-188067(13-I-4)	-24452(13-I-4)	9116(10-I-3)
103	9	-10.51(4)	-0.71(4)	-1.33(4)	-176940(13-I-4)	-23325(13-I-4)	9274(10-I-3)
103	10	-10.57(4)	-0.75(4)	-1.30(10-II-1)	-177009(13-I-4)	-23323(13-I-4)	9235(10-I-3)
103	11	-10.63(4)	-0.77(4)	-1.34(10-II-1)	-177018(13-I-4)	-23272(13-I-4)	9190(10-I-3)
103	12	-10.69(4)	-0.78(4)	-1.40(10-II-1)	-176968(13-I-4)	-23167(13-I-4)	9156(10-I-3)
103	13	-10.45(4)	-0.63(4)	-1.30(4)	-166411(13-I-4)	-22110(13-I-4)	9240(10-I-3)
103	14	-10.51(4)	-0.67(4)	-1.28(10-II-1)	-166513(13-I-4)	-22105(13-I-4)	9220(10-I-3)
103	15	-10.56(4)	-0.70(4)	-1.33(10-II-1)	-166549(13-I-4)	-22055(13-I-4)	9208(10-I-3)
103	16	-10.61(4)	-0.72(4)	-1.38(10-II-1)	-166520(13-I-4)	-21953(13-I-4)	9183(10-I-3)
104	1	-10.90(4)	-0.91(4)	-1.44(10-II-1)	-200534(11-I-4)	-25849(11-I-4)	8992(10-I-3)
104	2	-10.92(4)	-0.92(4)	-1.49(10-II-1)	-200304(11-I-4)	-25764(11-I-4)	8947(10-I-3)
104	3	-10.91(4)	-0.93(4)	-1.54(10-II-1)	-200030(11-I-4)	-25670(11-I-4)	8907(10-I-3)
104	4	-10.89(4)	-0.95(4)	-1.59(10-II-1)	-199711(11-I-4)	-25566(11-I-4)	8875(10-I-3)
104	5	-10.81(4)	-0.85(4)	-1.45(10-II-1)	-187973(13-I-4)	-24362(13-I-4)	9069(10-I-3)
104	6	-10.82(4)	-0.86(4)	-1.49(10-II-1)	-187867(13-I-4)	-24294(13-I-4)	9044(10-I-3)
104	7	-10.82(4)	-0.87(4)	-1.53(10-II-1)	-187726(13-I-4)	-24214(13-I-4)	9023(10-I-3)
104	8	-10.80(4)	-0.89(4)	-1.57(10-II-1)	-187550(13-I-4)	-24124(13-I-4)	9008(10-I-3)
104	9	-10.73(4)	-0.79(4)	-1.45(10-II-1)	-176881(13-I-4)	-23082(13-I-4)	9138(10-I-3)
104	10	-10.73(4)	-0.80(4)	-1.47(10-II-1)	-176784(13-I-4)	-23034(13-I-4)	9123(10-I-3)
104	11	-10.74(4)	-0.81(4)	-1.51(10-II-1)	-176666(13-I-4)	-22952(13-I-4)	9105(10-I-3)
104	12	-10.72(4)	-0.83(4)	-1.55(10-II-1)	-176525(13-I-4)	-22833(13-I-4)	9099(10-I-3)
104	13	-10.64(4)	-0.73(4)	-1.43(10-II-1)	-166453(13-I-4)	-21865(13-I-4)	9161(10-I-3)
104	14	-10.65(4)	-0.75(4)	-1.45(10-II-1)	-166370(13-I-4)	-21815(13-I-4)	9163(10-I-3)
104	15	-10.66(4)	-0.77(4)	-1.49(10-II-1)	-166266(13-I-4)	-21730(13-I-4)	9171(10-I-3)
104	16	-10.65(4)	-0.80(4)	-1.52(10-II-1)	-166145(13-I-4)	-21609(13-I-4)	9177(10-I-3)
105	1	-10.81(4)	-1.00(4)	-1.63(10-II-1)	-199186(11-I-4)	-25426(11-I-4)	8845(10-I-3)
105	2	-10.70(4)	-1.06(4)	-1.66(10-II-1)	-198457(11-I-4)	-25259(11-I-4)	8852(10-I-3)
105	3	-10.61(4)	-1.10(4)	-1.66(10-II-1)	-197883(13-I-4)	-25104(13-I-4)	8914(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
105	4	-10.58(4)	-1.11(4)	-1.65(10-II-1)	-197435(13-I-4)	-24976(13-I-4)	8964(10-I-3)
105	5	-10.75(4)	-0.94(4)	-1.61(10-II-1)	-187249(13-I-4)	-23997(13-I-4)	8995(10-I-3)
105	6	-10.66(4)	-0.99(4)	-1.64(10-II-1)	-186826(13-I-4)	-23847(13-I-4)	9003(10-I-3)
105	7	-10.59(4)	-1.03(4)	-1.65(10-II-1)	-186396(13-I-4)	-23713(13-I-4)	9041(10-I-3)
105	8	-10.55(4)	-1.05(4)	-1.65(10-II-1)	-185975(13-I-4)	-23592(13-I-4)	9081(10-I-3)
105	9	-10.68(4)	-0.88(4)	-1.59(10-II-1)	-176275(13-I-4)	-22689(13-I-4)	9110(10-I-3)
105	10	-10.61(4)	-0.93(4)	-1.62(10-II-1)	-175917(13-I-4)	-22550(13-I-4)	9123(10-I-3)
105	11	-10.57(4)	-0.97(4)	-1.64(10-II-1)	-175548(13-I-4)	-22413(13-I-4)	9142(10-I-3)
105	12	-10.52(4)	-0.99(4)	-1.65(10-II-1)	-175170(13-I-4)	-22274(13-I-4)	9176(10-I-3)
105	13	-10.62(4)	-0.82(4)	-1.56(10-II-1)	-165948(13-I-4)	-21460(13-I-4)	9176(10-I-3)
105	14	-10.58(4)	-0.87(4)	-1.59(10-II-1)	-165652(13-I-4)	-21310(13-I-4)	9193(10-I-3)
105	15	-10.52(4)	-0.92(4)	-1.62(10-II-1)	-165315(13-I-4)	-21171(13-I-4)	9231(10-I-3)
105	16	-10.49(4)	-0.94(4)	-1.64(10-II-1)	-164977(13-I-4)	-21039(13-I-4)	9260(10-I-3)
106	1	-10.56(4)	-1.11(4)	-1.65(10-II-1)	-196988(13-I-4)	-24877(13-I-4)	8977(10-I-3)
106	2	-10.54(4)	-1.11(4)	-1.66(10-II-1)	-196504(13-I-4)	-24819(13-I-4)	8986(10-I-3)
106	3	-10.54(4)	-1.11(4)	-1.67(10-II-1)	-196007(13-I-4)	-24782(13-I-4)	9001(10-I-3)
106	4	-10.54(4)	-1.09(4)	-1.69(10-II-1)	-195516(13-I-4)	-24757(13-I-4)	8986(10-I-3)
106	5	-10.53(4)	-1.06(4)	-1.66(10-II-1)	-185549(13-I-4)	-23501(13-I-4)	9104(10-I-3)
106	6	-10.51(4)	-1.06(4)	-1.67(10-II-1)	-185106(13-I-4)	-23446(13-I-4)	9117(10-I-3)
106	7	-10.50(4)	-1.06(4)	-1.68(10-II-1)	-184651(13-I-4)	-23411(13-I-4)	9125(10-I-3)
106	8	-10.48(4)	-1.06(4)	-1.70(10-II-1)	-184179(13-I-4)	-23401(13-I-4)	9108(10-I-3)
106	9	-10.49(4)	-1.01(4)	-1.66(10-II-1)	-174771(13-I-4)	-22187(13-I-4)	9212(10-I-3)
106	10	-10.47(4)	-1.02(4)	-1.66(10-II-1)	-174360(13-I-4)	-22156(13-I-4)	9227(10-I-3)
106	11	-10.45(4)	-1.02(4)	-1.68(10-II-1)	-173945(13-I-4)	-22129(13-I-4)	9223(10-I-3)
106	12	-10.42(4)	-1.02(4)	-1.71(10-II-1)	-173502(13-I-4)	-22104(13-I-4)	9212(10-I-3)
106	13	-10.46(4)	-0.96(4)	-1.65(10-II-1)	-164632(13-I-4)	-20956(13-I-4)	9275(10-I-3)
106	14	-10.43(4)	-0.97(4)	-1.66(10-II-1)	-164255(13-I-4)	-20925(13-I-4)	9295(10-I-3)
106	15	-10.40(4)	-0.98(4)	-1.67(10-II-1)	-163850(13-I-4)	-20907(13-I-4)	9310(10-I-3)
106	16	-10.37(4)	-0.98(4)	-1.70(10-II-1)	-163450(13-I-4)	-20894(13-I-4)	9293(10-I-3)
107	1	-9.89(4)	-1.14(4)	-1.77(10-II-1)	-190006(13-I-3)	-24042(13-I-3)	8147(10-I-3)
107	2	-9.75(4)	-1.16(4)	-1.75(10-II-1)	-189331(13-I-3)	-23923(13-I-3)	8084(10-I-3)
107	3	-9.64(4)	-1.17(4)	-1.71(10-II-1)	-188670(13-I-3)	-23799(13-I-3)	8054(10-I-3)
107	4	-9.54(4)	-1.17(4)	-1.67(10-II-1)	-188042(13-I-3)	-23673(13-I-3)	8033(10-I-3)
107	5	-9.83(4)	-1.12(4)	-1.77(10-II-1)	-179073(13-I-3)	-22735(13-I-3)	8374(10-I-3)
107	6	-9.70(4)	-1.13(4)	-1.75(10-II-1)	-178453(13-I-3)	-22610(13-I-3)	8308(10-I-3)
107	7	-9.60(4)	-1.15(4)	-1.71(10-II-1)	-177838(13-I-3)	-22477(13-I-3)	8266(10-I-3)
107	8	-9.50(4)	-1.15(4)	-1.67(10-II-1)	-177234(13-I-3)	-22342(13-I-3)	8239(10-I-3)
107	9	-9.76(4)	-1.10(4)	-1.77(10-II-1)	-168776(13-I-3)	-21488(13-I-3)	8575(10-I-3)
107	10	-9.64(4)	-1.12(4)	-1.74(10-II-1)	-168190(13-I-3)	-21379(13-I-3)	8510(10-I-3)
107	11	-9.55(4)	-1.12(4)	-1.71(10-II-1)	-167617(13-I-3)	-21243(13-I-3)	8457(10-I-3)
107	12	-9.46(4)	-1.12(4)	-1.69(10-II-1)	-167039(13-I-3)	-21081(13-I-3)	8427(10-I-3)
107	13	-9.70(4)	-1.08(4)	-1.75(10-II-1)	-159085(13-I-3)	-20326(13-I-3)	8733(10-I-3)
107	14	-9.60(4)	-1.09(4)	-1.73(10-II-1)	-158543(13-I-3)	-20208(13-I-3)	8673(10-I-3)
107	15	-9.49(4)	-1.10(4)	-1.71(10-II-1)	-157968(13-I-3)	-20068(13-I-3)	8638(10-I-3)
107	16	-9.40(4)	-1.10(4)	-1.68(10-II-1)	-157412(13-I-3)	-19903(13-I-3)	8605(10-I-3)
108	1	-10.38(4)	-0.55(4)	-1.27(4)	-156595(13-I-4)	-20971(13-I-4)	9193(10-I-3)
108	2	-10.44(4)	-0.60(4)	-1.27(10-II-1)	-156729(13-I-4)	-20930(13-I-4)	9188(10-I-3)
108	3	-10.49(4)	-0.63(4)	-1.32(10-II-1)	-156789(13-I-4)	-20882(13-I-4)	9189(10-I-3)
108	4	-10.54(4)	-0.66(4)	-1.38(10-II-1)	-156775(13-I-4)	-20827(13-I-4)	9179(10-I-3)
108	5	-10.30(4)	-0.48(4)	-1.24(4)	-147473(13-I-4)	-19868(13-I-4)	9129(10-I-3)
108	6	-10.37(4)	-0.53(4)	-1.25(10-II-1)	-147624(13-I-4)	-19832(13-I-4)	9136(10-I-3)
108	7	-10.42(4)	-0.57(4)	-1.30(10-II-1)	-147702(13-I-4)	-19787(13-I-4)	9135(10-I-3)
108	8	-10.47(4)	-0.61(4)	-1.36(10-II-1)	-147713(13-I-4)	-19734(13-I-4)	9145(10-I-3)
108	9	-10.22(4)	-0.44(8)	-1.21(4)	-138920(13-I-4)	-19405(1)	9023(10-I-3)
108	10	-10.29(4)	-0.48(4)	-1.23(10-II-1)	-139083(13-I-4)	-19120(1)	9045(10-I-3)
108	11	-10.35(4)	-0.52(4)	-1.29(10-II-1)	-139182(13-I-4)	-18748(13-I-4)	9067(10-I-3)
108	12	-10.40(4)	-0.56(4)	-1.34(10-II-1)	-139218(13-I-4)	-18674(13-I-4)	9087(10-I-3)
108	13	-10.14(4)	-0.40(8)	-1.17(4)	-130910(13-I-4)	-19030(1)	8895(10-I-3)
108	14	-10.21(4)	-0.44(8)	-1.20(10-II-1)	-131088(13-I-4)	-18744(1)	8932(10-I-3)
108	15	-10.27(4)	-0.48(4)	-1.26(10-II-1)	-131202(13-I-4)	-18277(1)	8965(10-I-3)
108	16	-10.32(4)	-0.52(4)	-1.32(10-II-1)	-131257(13-I-4)	-17672(13-I-4)	8997(10-I-3)
109	1	-10.57(4)	-0.68(4)	-1.42(10-II-1)	-156727(13-I-4)	-20728(13-I-4)	9172(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
109	2	-10.58(4)	-0.70(4)	-1.45(10-II-1)	-156668(13-I-4)	-20630(13-I-4)	9182(10-I-3)
109	3	-10.58(4)	-0.72(4)	-1.48(10-II-1)	-156584(13-I-4)	-20543(13-I-4)	9195(10-I-3)
109	4	-10.58(4)	-0.74(4)	-1.51(10-II-1)	-156479(13-I-4)	-20467(13-I-4)	9206(10-I-3)
109	5	-10.49(4)	-0.63(4)	-1.41(10-II-1)	-147682(13-I-4)	-19635(13-I-4)	9161(10-I-3)
109	6	-10.51(4)	-0.65(4)	-1.43(10-II-1)	-147637(13-I-4)	-19538(13-I-4)	9173(10-I-3)
109	7	-10.51(4)	-0.68(4)	-1.46(10-II-1)	-147575(13-I-4)	-19451(13-I-4)	9179(10-I-3)
109	8	-10.51(4)	-0.70(4)	-1.49(10-II-1)	-147496(13-I-4)	-19371(13-I-4)	9194(10-I-3)
109	9	-10.42(4)	-0.59(4)	-1.39(10-II-1)	-139205(13-I-4)	-18582(13-I-4)	9103(10-I-3)
109	10	-10.43(4)	-0.61(4)	-1.42(10-II-1)	-139171(13-I-4)	-18509(13-I-4)	9122(10-I-3)
109	11	-10.44(4)	-0.64(4)	-1.45(10-II-1)	-139124(13-I-4)	-18422(13-I-4)	9143(10-I-3)
109	12	-10.44(4)	-0.66(4)	-1.47(10-II-1)	-139064(13-I-4)	-18320(13-I-4)	9164(10-I-3)
109	13	-10.35(4)	-0.55(4)	-1.37(10-II-1)	-131262(13-I-4)	-17583(13-I-4)	9021(10-I-3)
109	14	-10.36(4)	-0.58(4)	-1.40(10-II-1)	-131243(13-I-4)	-17511(13-I-4)	9045(10-I-3)
109	15	-10.37(4)	-0.60(4)	-1.43(10-II-1)	-131210(13-I-4)	-17425(13-I-4)	9068(10-I-3)
109	16	-10.38(4)	-0.63(4)	-1.45(10-II-1)	-131164(13-I-4)	-17325(13-I-4)	9093(10-I-3)
110	1	-10.56(4)	-0.78(4)	-1.55(10-II-1)	-156314(13-I-4)	-20326(13-I-4)	9214(10-I-3)
110	2	-10.53(4)	-0.82(4)	-1.58(10-II-1)	-156069(13-I-4)	-20126(13-I-4)	9239(10-I-3)
110	3	-10.48(4)	-0.86(4)	-1.61(10-II-1)	-155779(13-I-4)	-19986(13-I-4)	9275(10-I-3)
110	4	-10.45(4)	-0.89(4)	-1.64(10-II-1)	-155472(13-I-4)	-19898(13-I-4)	9302(10-I-3)
110	5	-10.50(4)	-0.73(4)	-1.53(10-II-1)	-147351(13-I-4)	-19231(13-I-4)	9224(10-I-3)
110	6	-10.48(4)	-0.77(4)	-1.57(10-II-1)	-147139(13-I-4)	-19032(13-I-4)	9254(10-I-3)
110	7	-10.44(4)	-0.81(4)	-1.60(10-II-1)	-146902(13-I-4)	-18892(13-I-4)	9277(10-I-3)
110	8	-10.41(4)	-0.85(4)	-1.62(10-II-1)	-146633(13-I-4)	-18809(13-I-4)	9308(10-I-3)
110	9	-10.44(4)	-0.69(4)	-1.51(10-II-1)	-138949(13-I-4)	-18176(13-I-4)	9190(10-I-3)
110	10	-10.42(4)	-0.74(4)	-1.55(10-II-1)	-138769(13-I-4)	-18002(13-I-4)	9223(10-I-3)
110	11	-10.39(4)	-0.77(4)	-1.58(10-II-1)	-138563(13-I-4)	-17865(13-I-4)	9258(10-I-3)
110	12	-10.37(4)	-0.81(4)	-1.61(10-II-1)	-138331(13-I-4)	-17766(13-I-4)	9292(10-I-3)
110	13	-10.38(4)	-0.66(4)	-1.49(10-II-1)	-131072(13-I-4)	-17183(13-I-4)	9125(10-I-3)
110	14	-10.36(4)	-0.70(4)	-1.53(10-II-1)	-130925(13-I-4)	-17014(13-I-4)	9162(10-I-3)
110	15	-10.34(4)	-0.74(4)	-1.57(10-II-1)	-130749(13-I-4)	-16882(13-I-4)	9201(10-I-3)
110	16	-10.32(4)	-0.78(4)	-1.60(10-II-1)	-130547(13-I-4)	-16786(13-I-4)	9238(10-I-3)
111	1	-10.42(4)	-0.91(4)	-1.65(10-II-1)	-155159(13-I-4)	-19820(13-I-4)	9321(10-I-3)
111	2	-10.39(4)	-0.93(4)	-1.66(10-II-1)	-154822(13-I-4)	-19752(13-I-4)	9344(10-I-3)
111	3	-10.35(4)	-0.94(4)	-1.68(10-II-1)	-154451(13-I-4)	-19742(13-I-4)	9358(10-I-3)
111	4	-10.32(4)	-0.95(4)	-1.70(10-II-1)	-154076(13-I-4)	-19788(13-I-4)	9343(10-I-3)
111	5	-10.38(4)	-0.87(4)	-1.64(10-II-1)	-146337(13-I-4)	-18736(13-I-4)	9345(10-I-3)
111	6	-10.34(4)	-0.89(4)	-1.66(10-II-1)	-146031(13-I-4)	-18673(13-I-4)	9367(10-I-3)
111	7	-10.31(4)	-0.91(4)	-1.68(10-II-1)	-145711(13-I-4)	-18669(13-I-4)	9368(10-I-3)
111	8	-10.27(4)	-0.92(4)	-1.70(10-II-1)	-145359(13-I-4)	-18724(13-I-4)	9365(10-I-3)
111	9	-10.33(4)	-0.84(4)	-1.63(10-II-1)	-138072(13-I-4)	-17699(13-I-4)	9322(10-I-3)
111	10	-10.30(4)	-0.86(4)	-1.66(10-II-1)	-137792(13-I-4)	-17663(13-I-4)	9345(10-I-3)
111	11	-10.26(4)	-0.88(4)	-1.67(10-II-1)	-137499(13-I-4)	-17664(13-I-4)	9358(10-I-3)
111	12	-10.21(4)	-0.90(4)	-1.69(10-II-1)	-137183(13-I-4)	-17704(13-I-4)	9356(10-I-3)
111	13	-10.29(4)	-0.81(4)	-1.62(10-II-1)	-130320(13-I-4)	-16725(13-I-4)	9270(10-I-3)
111	14	-10.25(4)	-0.83(4)	-1.65(10-II-1)	-130071(13-I-4)	-16698(13-I-4)	9295(10-I-3)
111	15	-10.21(4)	-0.86(4)	-1.67(10-II-1)	-129805(13-I-4)	-16707(13-I-4)	9311(10-I-3)
111	16	-10.16(4)	-0.88(4)	-1.69(10-II-1)	-129518(13-I-4)	-16753(13-I-4)	9314(10-I-3)
112	1	-9.64(4)	-1.06(4)	-1.76(10-II-1)	-150043(13-I-3)	-19266(13-I-3)	8863(10-I-3)
112	2	-9.54(4)	-1.07(4)	-1.74(10-II-1)	-149535(13-I-3)	-19099(13-I-3)	8816(10-I-3)
112	3	-9.44(4)	-1.07(4)	-1.72(10-II-1)	-148987(13-I-3)	-18953(13-I-3)	8781(10-I-3)
112	4	-9.35(4)	-1.07(4)	-1.69(10-II-1)	-148443(13-I-3)	-18821(13-I-3)	8747(10-I-3)
112	5	-9.58(4)	-1.05(4)	-1.76(10-II-1)	-141634(13-I-3)	-18250(13-I-3)	8967(10-I-3)
112	6	-9.48(4)	-1.05(4)	-1.74(10-II-1)	-141136(13-I-3)	-18082(13-I-3)	8928(10-I-3)
112	7	-9.38(4)	-1.06(4)	-1.72(10-II-1)	-140638(13-I-3)	-17930(13-I-3)	8886(10-I-3)
112	8	-9.30(4)	-1.05(4)	-1.70(10-II-1)	-140114(13-I-3)	-17794(13-I-3)	8859(10-I-3)
112	9	-9.51(4)	-1.03(4)	-1.75(10-II-1)	-133750(13-I-3)	-17281(13-I-3)	9032(10-I-3)
112	10	-9.41(4)	-1.04(4)	-1.74(10-II-1)	-133274(13-I-3)	-17134(13-I-3)	8996(10-I-3)
112	11	-9.32(4)	-1.04(4)	-1.72(10-II-1)	-132787(13-I-3)	-16975(13-I-3)	8969(10-I-3)
112	12	-9.23(4)	-1.04(4)	-1.70(10-II-1)	-132284(13-I-3)	-16814(13-I-3)	8950(10-I-3)
112	13	-9.45(4)	-1.02(4)	-1.75(10-II-1)	-126360(13-I-3)	-16921(4)	9063(10-I-3)
112	14	-9.35(4)	-1.03(4)	-1.74(10-II-1)	-125904(13-I-3)	-16562(4)	9035(10-I-3)
112	15	-9.26(4)	-1.03(4)	-1.72(10-II-1)	-125432(13-I-3)	-16166(4)	9017(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
112	16	-9.17(4)	-1.02(4)	-1.70(10-II-1)	-124943(13-I-3)	-15900(13-I-3)	9006(10-I-3)
113	1	-10.06(4)	-0.36(8)	-1.14(4)	-123425(13-I-4)	-18717(1)	8743(10-I-3)
113	2	-10.13(4)	-0.41(8)	-1.18(10-II-1)	-123613(13-I-4)	-18433(1)	8791(10-I-3)
113	3	-10.20(4)	-0.45(8)	-1.24(10-II-1)	-123741(13-I-4)	-17956(1)	8835(10-I-3)
113	4	-10.25(4)	-0.49(4)	-1.30(10-II-1)	-123812(13-I-4)	-17284(1)	8877(10-I-3)
113	5	-9.97(4)	-0.34(8)	-1.10(4)	-121059(4)	-18466(1)	8566(10-I-3)
113	6	-10.05(4)	-0.38(8)	-1.15(10-II-1)	-120855(4)	-18184(1)	8624(10-I-3)
113	7	-10.12(4)	-0.42(8)	-1.21(10-II-1)	-120675(4)	-17702(1)	8677(10-I-3)
113	8	-10.18(4)	-0.47(4)	-1.28(10-II-1)	-120518(4)	-17017(1)	8727(10-I-3)
113	9	-9.89(4)	-0.32(8)	-1.06(4)	-119866(4)	-18276(1)	8366(10-I-3)
113	10	-9.97(4)	-0.37(8)	-1.12(10-II-1)	-119744(4)	-17998(1)	8431(10-I-3)
113	11	-10.04(4)	-0.41(8)	-1.19(10-II-1)	-119651(4)	-17512(1)	8492(10-I-3)
113	12	-10.10(4)	-0.45(4)	-1.25(10-II-1)	-119585(4)	-16818(1)	8549(10-I-3)
113	13	-9.80(4)	-0.31(8)	-1.03(4)	-119434(4)	-18297(2)	8141(10-I-3)
113	14	-9.89(4)	-0.35(8)	-1.09(10-II-1)	-119398(4)	-17988(2)	8212(10-I-3)
113	15	-9.96(4)	-0.39(8)	-1.16(10-II-1)	-119394(4)	-17472(2)	8279(10-I-3)
113	16	-10.02(4)	-0.44(4)	-1.23(10-II-1)	-119422(4)	-16751(2)	8342(10-I-3)
114	1	-10.28(4)	-0.52(4)	-1.34(10-II-1)	-123833(13-I-4)	-16627(13-I-4)	8909(10-I-3)
114	2	-10.29(4)	-0.55(4)	-1.38(10-II-1)	-123827(13-I-4)	-16557(13-I-4)	8935(10-I-3)
114	3	-10.31(4)	-0.57(4)	-1.41(10-II-1)	-123807(13-I-4)	-16474(13-I-4)	8962(10-I-3)
114	4	-10.31(4)	-0.60(4)	-1.43(10-II-1)	-123774(13-I-4)	-16377(13-I-4)	8990(10-I-3)
114	5	-10.21(4)	-0.50(4)	-1.32(10-II-1)	-120405(4)	-16341(1)	8765(10-I-3)
114	6	-10.23(4)	-0.53(4)	-1.35(10-II-1)	-120315(4)	-15782(1)	8795(10-I-3)
114	7	-10.24(4)	-0.55(4)	-1.38(10-II-1)	-120211(4)	-15568(13-I-4)	8825(10-I-3)
114	8	-10.25(4)	-0.58(4)	-1.41(10-II-1)	-120091(4)	-15474(13-I-4)	8854(10-I-3)
114	9	-10.14(4)	-0.48(4)	-1.30(10-II-1)	-119546(4)	-16134(1)	8591(10-I-3)
114	10	-10.16(4)	-0.51(4)	-1.33(10-II-1)	-119510(4)	-15568(1)	8624(10-I-3)
114	11	-10.17(4)	-0.54(4)	-1.36(10-II-1)	-119460(4)	-14932(1)	8656(10-I-3)
114	12	-10.18(4)	-0.56(4)	-1.39(10-II-1)	-119396(4)	-14615(13-I-4)	8688(10-I-3)
114	13	-10.06(4)	-0.48(4)	-1.27(10-II-1)	-119457(4)	-16048(2)	8388(10-I-3)
114	14	-10.08(4)	-0.50(4)	-1.31(10-II-1)	-119474(4)	-15474(2)	8423(10-I-3)
114	15	-10.10(4)	-0.53(4)	-1.34(10-II-1)	-119478(4)	-14831(2)	8457(10-I-3)
114	16	-10.12(4)	-0.55(4)	-1.37(10-II-1)	-119469(4)	-14120(2)	8490(10-I-3)
115	1	-10.32(4)	-0.63(4)	-1.47(10-II-1)	-123703(13-I-4)	-16238(13-I-4)	9026(10-I-3)
115	2	-10.31(4)	-0.67(4)	-1.51(10-II-1)	-123584(13-I-4)	-16075(13-I-4)	9068(10-I-3)
115	3	-10.29(4)	-0.71(4)	-1.55(10-II-1)	-123437(13-I-4)	-15948(13-I-4)	9110(10-I-3)
115	4	-10.27(4)	-0.75(4)	-1.58(10-II-1)	-123263(13-I-4)	-15858(13-I-4)	9150(10-I-3)
115	5	-10.25(4)	-0.61(4)	-1.45(10-II-1)	-119909(4)	-15340(13-I-4)	8894(10-I-3)
115	6	-10.25(4)	-0.65(4)	-1.50(10-II-1)	-119688(4)	-15182(13-I-4)	8941(10-I-3)
115	7	-10.24(4)	-0.69(4)	-1.53(10-II-1)	-119492(4)	-15063(13-I-4)	8987(10-I-3)
115	8	-10.22(4)	-0.73(4)	-1.57(10-II-1)	-119324(4)	-14979(13-I-4)	9029(10-I-3)
115	9	-10.19(4)	-0.60(4)	-1.43(10-II-1)	-119293(4)	-14487(13-I-4)	8731(10-I-3)
115	10	-10.19(4)	-0.64(4)	-1.48(10-II-1)	-119176(4)	-14336(13-I-4)	8782(10-I-3)
115	11	-10.18(4)	-0.68(4)	-1.52(10-II-1)	-119084(4)	-14224(13-I-4)	8830(10-I-3)
115	12	-10.16(4)	-0.72(4)	-1.55(10-II-1)	-119018(4)	-14149(13-I-4)	8875(10-I-3)
115	13	-10.13(4)	-0.59(4)	-1.41(10-II-1)	-119444(4)	-13678(13-I-4)	8536(10-I-3)
115	14	-10.13(4)	-0.63(4)	-1.46(10-II-1)	-119428(4)	-13536(13-I-4)	8590(10-I-3)
115	15	-10.13(4)	-0.67(4)	-1.50(10-II-1)	-119436(4)	-13433(13-I-3)	8642(10-I-3)
115	16	-10.11(4)	-0.71(4)	-1.53(10-II-1)	-119470(4)	-13370(13-I-3)	8690(10-I-3)
116	1	-10.24(4)	-0.78(4)	-1.61(10-II-1)	-123065(13-I-4)	-15804(13-I-4)	9184(10-I-3)
116	2	-10.20(4)	-0.81(4)	-1.64(10-II-1)	-122846(13-I-4)	-15784(13-I-4)	9212(10-I-3)
116	3	-10.16(4)	-0.84(4)	-1.66(10-II-1)	-122607(13-I-4)	-15801(13-I-4)	9231(10-I-3)
116	4	-10.11(4)	-0.86(4)	-1.68(10-II-1)	-122348(13-I-4)	-15855(13-I-4)	9240(10-I-3)
116	5	-10.19(4)	-0.76(4)	-1.60(10-II-1)	-119184(4)	-14932(13-I-4)	9066(10-I-3)
116	6	-10.15(4)	-0.79(4)	-1.62(10-II-1)	-119073(4)	-14921(13-I-4)	9097(10-I-3)
116	7	-10.11(4)	-0.82(4)	-1.65(10-II-1)	-118989(4)	-14945(13-I-4)	9120(10-I-3)
116	8	-10.06(4)	-0.85(4)	-1.67(10-II-1)	-118928(4)	-15078(4)	9133(10-I-3)
116	9	-10.14(4)	-0.75(4)	-1.58(10-II-1)	-118980(4)	-14109(13-I-4)	8915(10-I-3)
116	10	-10.10(4)	-0.78(4)	-1.61(10-II-1)	-118966(4)	-14106(13-I-4)	8949(10-I-3)
116	11	-10.06(4)	-0.81(4)	-1.63(10-II-1)	-118976(4)	-14277(4)	8976(10-I-3)
116	12	-10.00(4)	-0.84(4)	-1.65(10-II-1)	-119004(4)	-15099(4)	8994(10-I-3)
116	13	-10.08(4)	-0.74(4)	-1.57(10-II-1)	-119527(4)	-13350(4)	8733(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
116	14	-10.05(4)	-0.77(4)	-1.60(10-II-1)	-119605(4)	-13743(4)	8770(10-I-3)
116	15	-10.00(4)	-0.80(4)	-1.62(10-II-1)	-119702(4)	-14352(4)	8801(10-I-3)
116	16	-9.95(4)	-0.83(4)	-1.64(10-II-1)	-119813(4)	-15204(4)	8823(10-I-3)
117	1	-9.38(4)	-1.01(4)	-1.75(10-II-1)	-119447(13-I-3)	-16970(4)	9060(10-I-3)
117	2	-9.28(4)	-1.02(4)	-1.74(10-II-1)	-119008(13-I-3)	-16606(4)	9041(10-I-3)
117	3	-9.19(4)	-1.02(4)	-1.72(10-II-1)	-118550(13-I-3)	-16203(4)	9031(10-I-3)
117	4	-9.10(4)	-1.01(4)	-1.71(10-II-1)	-118075(13-I-3)	-15773(4)	9029(10-I-3)
117	5	-9.31(4)	-1.01(4)	-1.74(10-II-1)	-116378(4)	-17085(4)	9023(10-I-3)
117	6	-9.21(4)	-1.01(4)	-1.73(10-II-1)	-115773(4)	-16717(4)	9014(10-I-3)
117	7	-9.12(4)	-1.02(4)	-1.72(10-II-1)	-115112(4)	-16306(4)	9012(10-I-3)
117	8	-9.03(4)	-1.01(4)	-1.71(10-II-1)	-114401(4)	-15865(4)	9020(10-I-3)
117	9	-9.24(4)	-1.01(4)	-1.74(10-II-1)	-117069(4)	-17262(4)	8952(10-I-3)
117	10	-9.14(4)	-1.01(4)	-1.73(10-II-1)	-116515(4)	-16889(4)	8952(10-I-3)
117	11	-9.04(4)	-1.01(4)	-1.72(10-II-1)	-115901(4)	-16471(4)	8960(10-I-3)
117	12	-8.95(4)	-1.01(4)	-1.71(10-II-1)	-115232(4)	-16021(4)	8977(10-I-3)
117	13	-9.17(4)	-1.01(4)	-1.73(10-II-1)	-118412(4)	-17497(4)	8848(10-I-3)
117	14	-9.07(4)	-1.01(4)	-1.72(10-II-1)	-117901(4)	-17121(4)	8858(10-I-3)
117	15	-8.97(4)	-1.01(4)	-1.72(10-II-1)	-117325(4)	-16696(4)	8875(10-I-3)
117	16	-8.88(4)	-1.01(4)	-1.71(10-II-1)	-116692(4)	-16236(4)	8900(10-I-3)
118	1	-9.71(4)	-0.30(8)	-0.99(10-II-1)	-119735(4)	-18398(2)	7893(10-I-3)
118	2	-9.80(4)	-0.35(8)	-1.06(10-II-1)	-119789(4)	-18091(2)	7969(10-I-3)
118	3	-9.88(4)	-0.39(8)	-1.13(10-II-1)	-119878(4)	-17574(2)	8039(10-I-3)
118	4	-9.95(4)	-0.44(4)	-1.20(10-II-1)	-120001(4)	-16850(2)	8107(10-I-3)
118	5	-9.62(4)	-0.30(8)	-0.96(10-II-1)	-120745(4)	-18557(2)	7622(10-I-3)
118	6	-9.72(4)	-0.35(8)	-1.03(10-II-1)	-120893(4)	-18252(2)	7700(10-I-3)
118	7	-9.80(4)	-0.39(4)	-1.11(10-II-1)	-121079(4)	-17736(2)	7774(10-I-3)
118	8	-9.87(4)	-0.44(4)	-1.17(10-II-1)	-121300(4)	-17012(2)	7844(10-I-3)
118	9	-9.52(4)	-0.30(8)	0.97(12-I-1)	-122438(4)	-18772(2)	7328(10-I-3)
118	10	-9.63(4)	-0.35(8)	-1.00(10-II-1)	-122685(4)	-18468(2)	7406(10-I-3)
118	11	-9.72(4)	-0.40(4)	-1.08(10-II-1)	-122973(4)	-17954(2)	7482(10-I-3)
118	12	-9.79(4)	-0.45(4)	-1.15(10-II-1)	-123295(4)	-17233(2)	7554(10-I-3)
118	13	-9.43(4)	-0.31(8)	0.98(12-I-1)	-124790(4)	-19040(2)	7009(10-I-3)
118	14	-9.54(4)	-0.37(4)	0.99(12-I-1)	-125143(4)	-18738(2)	7088(10-I-3)
118	15	-9.64(4)	-0.42(4)	-1.05(10-II-1)	-125536(4)	-18227(2)	7164(10-I-3)
118	16	-9.71(4)	-0.47(4)	-1.12(10-II-1)	-125964(4)	-17511(2)	7238(10-I-3)
119	1	-9.99(4)	-0.47(4)	-1.25(10-II-1)	-120112(4)	-16145(2)	8156(10-I-3)
119	2	-10.01(4)	-0.50(4)	-1.28(10-II-1)	-120183(4)	-15568(2)	8192(10-I-3)
119	3	-10.03(4)	-0.53(4)	-1.32(10-II-1)	-120242(4)	-14924(2)	8228(10-I-3)
119	4	-10.05(4)	-0.55(4)	-1.35(10-II-1)	-120287(4)	-14212(2)	8263(10-I-3)
119	5	-9.92(4)	-0.48(4)	-1.22(10-II-1)	-121488(4)	-16307(2)	7896(10-I-3)
119	6	-9.94(4)	-0.51(4)	-1.26(10-II-1)	-121614(4)	-15730(2)	7933(10-I-3)
119	7	-9.96(4)	-0.53(4)	-1.29(10-II-1)	-121727(4)	-15087(2)	7970(10-I-3)
119	8	-9.98(4)	-0.56(4)	-1.32(10-II-1)	-121827(4)	-14376(2)	8005(10-I-3)
119	9	-9.84(4)	-0.49(4)	-1.20(10-II-1)	-123562(4)	-16531(2)	7607(10-I-3)
119	10	-9.87(4)	-0.52(4)	-1.23(10-II-1)	-123743(4)	-15957(2)	7645(10-I-3)
119	11	-9.89(4)	-0.55(4)	-1.27(10-II-1)	-123912(4)	-15317(2)	7682(10-I-3)
119	12	-9.91(4)	-0.57(4)	-1.30(10-II-1)	-124067(4)	-14610(2)	7719(10-I-3)
119	13	-9.76(4)	-0.51(4)	-1.17(10-II-1)	-126311(4)	-16816(2)	7292(10-I-3)
119	14	-9.79(4)	-0.54(4)	-1.21(10-II-1)	-126550(4)	-16246(2)	7330(10-I-3)
119	15	-9.82(4)	-0.57(4)	-1.24(10-II-1)	-126775(4)	-15611(2)	7367(10-I-3)
119	16	-9.84(4)	-0.59(4)	-1.28(10-II-1)	-126986(4)	-14910(2)	7404(10-I-3)
120	1	-10.06(4)	-0.59(4)	-1.39(10-II-1)	-120339(4)	-13583(4)	8311(10-I-3)
120	2	-10.07(4)	-0.63(4)	-1.44(10-II-1)	-120422(4)	-13308(4)	8368(10-I-3)
120	3	-10.07(4)	-0.67(4)	-1.48(10-II-1)	-120528(4)	-13189(4)	8422(10-I-3)
120	4	-10.05(4)	-0.71(4)	-1.52(10-II-1)	-120656(4)	-13234(4)	8472(10-I-3)
120	5	-10.00(4)	-0.59(4)	-1.37(10-II-1)	-121956(4)	-13684(4)	8055(10-I-3)
120	6	-10.01(4)	-0.64(4)	-1.41(10-II-1)	-122136(4)	-13432(4)	8114(10-I-3)
120	7	-10.01(4)	-0.67(4)	-1.46(10-II-1)	-122338(4)	-13336(4)	8170(10-I-3)
120	8	-10.00(4)	-0.71(4)	-1.50(10-II-1)	-122559(4)	-13404(4)	8223(10-I-3)
120	9	-9.93(4)	-0.61(4)	-1.34(10-II-1)	-124273(4)	-13875(4)	7770(10-I-3)
120	10	-9.95(4)	-0.65(4)	-1.39(10-II-1)	-124550(4)	-13644(4)	7831(10-I-3)
120	11	-9.95(4)	-0.69(4)	-1.44(10-II-1)	-124846(4)	-13569(4)	7889(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
120	12	-9.94(4)	-0.72(4)	-1.48(10-II-1)	-125158(4)	-13659(4)	7944(10-I-3)
120	13	-9.86(4)	-0.63(4)	-1.32(10-II-1)	-127269(4)	-14153(4)	7455(10-I-3)
120	14	-9.88(4)	-0.67(4)	-1.37(10-II-1)	-127644(4)	-13942(4)	7517(10-I-3)
120	15	-9.89(4)	-0.71(4)	-1.42(10-II-1)	-128034(4)	-13886(4)	7577(10-I-3)
120	16	-9.88(4)	-0.74(4)	-1.46(10-II-1)	-128435(4)	-13994(4)	7634(10-I-3)
121	1	-10.03(4)	-0.74(4)	-1.55(10-II-1)	-120805(4)	-13457(4)	8518(10-I-3)
121	2	-10.00(4)	-0.77(4)	-1.58(10-II-1)	-120971(4)	-13876(4)	8559(10-I-3)
121	3	-9.95(4)	-0.80(4)	-1.60(10-II-1)	-121150(4)	-14511(4)	8594(10-I-3)
121	4	-9.89(4)	-0.83(4)	-1.63(10-II-1)	-121338(4)	-15389(4)	8622(10-I-3)
121	5	-9.98(4)	-0.75(4)	-1.53(10-II-1)	-122796(4)	-13651(4)	8272(10-I-3)
121	6	-9.94(4)	-0.78(4)	-1.56(10-II-1)	-123045(4)	-14092(4)	8317(10-I-3)
121	7	-9.90(4)	-0.81(4)	-1.59(10-II-1)	-123302(4)	-14750(4)	8356(10-I-3)
121	8	-9.84(4)	-0.84(4)	-1.61(10-II-1)	-123560(4)	-15650(4)	8390(10-I-3)
121	9	-9.92(4)	-0.76(4)	-1.52(10-II-1)	-125481(4)	-13926(4)	7996(10-I-3)
121	10	-9.89(4)	-0.79(4)	-1.55(10-II-1)	-125810(4)	-14387(4)	8044(10-I-3)
121	11	-9.84(4)	-0.82(4)	-1.57(10-II-1)	-126139(4)	-15064(4)	8088(10-I-3)
121	12	-9.79(4)	-0.85(4)	-1.59(10-II-1)	-126463(4)	-15980(4)	8128(10-I-3)
121	13	-9.86(4)	-0.78(4)	-1.50(10-II-1)	-128842(4)	-14279(4)	7689(10-I-3)
121	14	-9.83(4)	-0.81(4)	-1.53(10-II-1)	-129248(4)	-14756(4)	7741(10-I-3)
121	15	-9.79(4)	-0.84(4)	-1.55(10-II-1)	-129647(4)	-15447(4)	7791(10-I-3)
121	16	-9.73(4)	-0.87(4)	-1.58(10-II-1)	-130031(4)	-16376(4)	7837(10-I-3)
122	1	-9.09(4)	-1.01(4)	-1.72(10-II-1)	-120391(4)	-17787(4)	8712(10-I-3)
122	2	-8.99(4)	-1.02(4)	-1.72(10-II-1)	-119913(4)	-17406(4)	8731(10-I-3)
122	3	-8.89(4)	-1.02(4)	-1.71(10-II-1)	-119367(4)	-16975(4)	8757(10-I-3)
122	4	-8.80(4)	-1.01(4)	-1.70(10-II-1)	-118760(4)	-16508(4)	8791(10-I-3)
122	5	-9.02(4)	-1.02(4)	-1.71(10-II-1)	-122986(4)	-18128(4)	8544(10-I-3)
122	6	-8.91(4)	-1.03(4)	-1.71(10-II-1)	-122531(4)	-17743(4)	8571(10-I-3)
122	7	-8.81(4)	-1.02(4)	-1.71(10-II-1)	-122006(4)	-17306(4)	8606(10-I-3)
122	8	-8.71(4)	-1.02(4)	-1.70(10-II-1)	-121419(4)	-16832(4)	8649(10-I-3)
122	9	-8.94(4)	-1.03(4)	-1.70(10-II-1)	-126177(4)	-18517(4)	8346(10-I-3)
122	10	-8.83(4)	-1.04(4)	-1.70(10-II-1)	-125735(4)	-18127(4)	8381(10-I-3)
122	11	-8.73(4)	-1.03(4)	-1.70(10-II-1)	-125223(4)	-17684(4)	8424(10-I-3)
122	12	-8.63(4)	-1.03(4)	-1.70(10-II-1)	-124645(4)	-17206(4)	8475(10-I-3)
122	13	-8.86(4)	-1.05(4)	-1.69(10-II-1)	-129943(4)	-18949(4)	8118(10-I-3)
122	14	-8.75(4)	-1.05(4)	-1.69(10-II-1)	-129506(4)	-18555(4)	8161(10-I-3)
122	15	-8.64(4)	-1.05(4)	-1.69(10-II-1)	-128995(4)	-18108(4)	8212(10-I-3)
122	16	-8.54(4)	-1.04(4)	-1.69(10-II-1)	-128419(4)	-17625(4)	8271(10-I-3)
123	1	-9.34(4)	-0.34(4)	0.99(12-I-1)	-127777(4)	-19360(2)	6668(10-I-3)
123	2	-9.45(4)	-0.40(4)	0.99(12-I-1)	-128241(4)	-19058(2)	6745(10-I-3)
123	3	-9.55(4)	-0.45(4)	-1.02(10-II-1)	-128746(4)	-18552(2)	6822(10-I-3)
123	4	-9.63(4)	-0.50(4)	-1.09(10-II-1)	-129284(4)	-17844(2)	6896(10-I-3)
123	5	-9.24(4)	-0.38(4)	1.00(12-I-1)	-131956(2)	-19728(2)	6303(10-I-3)
123	6	-9.36(4)	-0.44(4)	1.00(12-I-1)	-132131(2)	-19426(2)	6379(10-I-3)
123	7	-9.47(4)	-0.49(4)	1.00(12-I-1)	-132581(4)	-18925(2)	6454(10-I-3)
123	8	-9.55(4)	-0.54(4)	-1.07(10-II-1)	-133234(4)	-18228(2)	6528(10-I-3)
123	9	-9.15(4)	-0.43(4)	1.00(12-I-1)	-136767(2)	-20139(2)	5915(10-I-3)
123	10	-9.27(4)	-0.48(4)	1.00(12-I-1)	-136974(2)	-19837(2)	5989(10-I-3)
123	11	-9.38(4)	-0.53(4)	1.00(12-I-1)	-137092(2)	-19344(2)	6063(10-I-3)
123	12	-9.47(4)	-0.58(4)	-1.04(10-II-1)	-137794(4)	-18661(2)	6137(10-I-3)
123	13	-9.05(4)	-0.48(4)	1.01(12-I-1)	-142116(2)	-20590(2)	5503(10-I-3)
123	14	-9.18(4)	-0.53(4)	1.00(12-I-1)	-142352(2)	-20288(2)	5576(10-I-3)
123	15	-9.30(4)	-0.59(4)	1.00(12-I-1)	-142497(2)	-19804(2)	5650(10-I-3)
123	16	-9.39(4)	-0.64(4)	-1.02(10-II-1)	-142945(4)	-19138(2)	5723(10-I-3)
124	1	-9.69(4)	-0.54(4)	-1.15(10-II-1)	-129715(4)	-17157(2)	6950(10-I-3)
124	2	-9.72(4)	-0.57(4)	-1.18(10-II-1)	-130013(4)	-16594(2)	6988(10-I-3)
124	3	-9.75(4)	-0.60(4)	-1.22(10-II-1)	-130295(4)	-15967(2)	7025(10-I-3)
124	4	-9.77(4)	-0.62(4)	-1.25(10-II-1)	-130563(4)	-15274(2)	7061(10-I-3)
124	5	-9.61(4)	-0.58(4)	-1.12(10-II-1)	-133753(4)	-17552(2)	6582(10-I-3)
124	6	-9.64(4)	-0.61(4)	-1.16(10-II-1)	-134111(4)	-16999(2)	6619(10-I-3)
124	7	-9.67(4)	-0.63(4)	-1.19(10-II-1)	-134453(4)	-16381(2)	6656(10-I-3)
124	8	-9.70(4)	-0.66(4)	-1.23(10-II-1)	-134778(4)	-15698(2)	6691(10-I-3)
124	9	-9.53(4)	-0.62(4)	-1.10(10-II-1)	-138404(4)	-17999(2)	6190(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
124	10	-9.57(4)	-0.65(4)	-1.13(10-II-1)	-138824(4)	-17457(2)	6226(10-I-3)
124	11	-9.60(4)	-0.68(4)	-1.17(10-II-1)	-139227(4)	-16851(2)	6262(10-I-3)
124	12	-9.62(4)	-0.70(4)	-1.21(10-II-1)	-139612(4)	-16181(2)	6297(10-I-3)
124	13	-9.45(4)	-0.68(4)	-1.07(10-II-1)	-143649(4)	-18493(2)	5775(10-I-3)
124	14	-9.49(4)	-0.71(4)	-1.11(10-II-1)	-144134(4)	-17965(2)	5820(11-II-2)
124	15	-9.52(4)	-0.73(4)	-1.15(10-II-1)	-144600(4)	-17374(2)	5872(11-II-2)
124	16	-9.55(4)	-0.76(4)	-1.18(10-II-1)	-145046(4)	-16719(2)	5931(11-I-4)
125	1	-9.80(4)	-0.66(4)	-1.30(10-II-1)	-130924(4)	-14514(4)	7113(10-I-3)
125	2	-9.82(4)	-0.70(4)	-1.35(10-II-1)	-131398(4)	-14320(4)	7176(10-I-3)
125	3	-9.83(4)	-0.74(4)	-1.40(10-II-1)	-131882(4)	-14282(4)	7236(10-I-3)
125	4	-9.82(4)	-0.77(4)	-1.44(10-II-1)	-132372(4)	-14406(4)	7295(10-I-3)
125	5	-9.73(4)	-0.69(4)	-1.27(10-II-1)	-135219(4)	-14953(4)	6743(10-I-3)
125	6	-9.75(4)	-0.73(4)	-1.33(10-II-1)	-135792(4)	-14776(4)	6806(10-I-3)
125	7	-9.76(4)	-0.77(4)	-1.38(10-II-1)	-136372(4)	-14752(4)	6867(10-I-3)
125	8	-9.76(4)	-0.81(4)	-1.42(10-II-1)	-136952(4)	-14889(4)	6927(10-I-3)
125	9	-9.65(4)	-0.74(4)	-1.25(10-II-1)	-140135(4)	-15468(4)	6348(10-I-3)
125	10	-9.68(4)	-0.78(4)	-1.31(10-II-1)	-140809(4)	-15305(4)	6410(10-I-3)
125	11	-9.70(4)	-0.82(4)	-1.36(10-II-1)	-141486(4)	-15293(4)	6472(10-I-3)
125	12	-9.70(4)	-0.85(4)	-1.40(10-II-1)	-142158(4)	-15439(4)	6566(11-I-4)
125	13	-9.58(4)	-0.79(4)	-1.23(10-II-1)	-145652(4)	-16054(4)	6052(11-I-4)
125	14	-9.61(4)	-0.83(4)	-1.29(10-II-1)	-146431(4)	-15903(4)	6202(11-I-4)
125	15	-9.63(4)	-0.87(4)	-1.34(10-II-1)	-147207(4)	-15901(4)	6347(11-I-4)
125	16	-9.64(4)	-0.90(4)	-1.38(10-II-1)	-147974(4)	-16052(4)	6488(11-I-4)
126	1	-9.81(4)	-0.80(4)	-1.48(10-II-1)	-132862(4)	-14704(4)	7353(10-I-3)
126	2	-9.78(4)	-0.83(4)	-1.51(10-II-1)	-133344(4)	-15193(4)	7409(10-I-3)
126	3	-9.73(4)	-0.86(4)	-1.54(10-II-1)	-133810(4)	-15894(4)	7464(10-I-3)
126	4	-9.68(4)	-0.89(4)	-1.56(10-II-1)	-134249(4)	-16832(4)	7518(10-I-3)
126	5	-9.75(4)	-0.83(4)	-1.46(10-II-1)	-137526(4)	-15197(4)	6988(10-I-3)
126	6	-9.72(4)	-0.86(4)	-1.49(10-II-1)	-138083(4)	-15693(4)	7049(10-I-3)
126	7	-9.68(4)	-0.89(4)	-1.52(10-II-1)	-138613(4)	-16399(4)	7111(10-I-3)
126	8	-9.62(4)	-0.92(4)	-1.54(10-II-1)	-139104(4)	-17341(4)	7173(10-I-3)
126	9	-9.69(4)	-0.88(4)	-1.44(10-II-1)	-142817(4)	-15753(4)	6696(11-I-4)
126	10	-9.67(4)	-0.90(4)	-1.47(10-II-1)	-143450(4)	-16251(4)	6825(11-I-4)
126	11	-9.62(4)	-0.92(4)	-1.50(10-II-1)	-144044(4)	-16957(4)	6954(11-I-4)
126	12	-9.57(4)	-0.95(4)	-1.52(10-II-1)	-144583(4)	-17897(4)	7081(11-I-4)
126	13	-9.63(4)	-0.92(4)	-1.42(10-II-1)	-148721(4)	-16366(4)	6629(11-I-4)
126	14	-9.61(4)	-0.95(4)	-1.45(10-II-1)	-149434(4)	-16861(4)	6773(11-I-4)
126	15	-9.57(4)	-0.97(4)	-1.48(10-II-1)	-150093(4)	-17559(4)	6921(11-I-4)
126	16	-9.51(4)	-0.99(4)	-1.50(10-II-1)	-150678(4)	-18491(4)	7070(11-I-4)
127	1	-8.78(4)	-1.07(4)	-1.68(10-II-1)	-134266(4)	-19423(4)	7863(10-I-3)
127	2	-8.66(4)	-1.07(4)	-1.68(10-II-1)	-133820(4)	-19023(4)	7913(10-I-3)
127	3	-8.56(4)	-1.06(4)	-1.68(10-II-1)	-133302(4)	-18572(4)	7971(10-I-3)
127	4	-8.45(4)	-1.06(4)	-1.68(10-II-1)	-132718(4)	-18086(4)	8036(10-I-3)
127	5	-8.69(4)	-1.09(4)	-1.67(10-II-1)	-139122(4)	-19935(4)	7705(11-I-4)
127	6	-8.58(4)	-1.09(4)	-1.67(10-II-1)	-138657(4)	-19530(4)	7757(11-I-4)
127	7	-8.47(4)	-1.08(4)	-1.67(10-II-1)	-138120(4)	-19075(4)	7811(11-I-4)
127	8	-8.36(4)	-1.07(4)	-1.67(10-II-1)	-137518(4)	-18588(4)	7865(11-I-4)
127	9	-8.60(4)	-1.11(4)	-1.65(10-II-1)	-144489(4)	-20482(4)	7816(11-I-4)
127	10	-8.49(4)	-1.11(4)	-1.66(10-II-1)	-143993(4)	-20072(4)	7871(11-I-4)
127	11	-8.37(4)	-1.10(4)	-1.66(10-II-1)	-143427(4)	-19614(4)	7928(11-I-4)
127	12	-8.27(4)	-1.09(4)	-1.66(10-II-1)	-142798(4)	-19126(4)	7985(11-I-4)
127	13	-8.52(4)	-1.13(4)	-1.63(10-II-1)	-150345(4)	-21061(4)	7911(11-I-4)
127	14	-8.40(4)	-1.13(4)	-1.64(10-II-1)	-149804(4)	-20647(4)	7968(11-I-4)
127	15	-8.28(4)	-1.13(4)	-1.65(10-II-1)	-149196(4)	-20186(4)	8026(11-I-4)
127	16	-8.17(4)	-1.11(4)	-1.65(10-II-1)	-148530(4)	-19699(4)	8085(11-I-4)
128	1	-8.96(4)	-0.54(4)	1.01(12-I-1)	-147979(2)	-21077(2)	5088(11-II-2)
128	2	-9.09(4)	-0.59(4)	1.00(12-I-1)	-148241(2)	-20774(2)	5201(11-II-2)
128	3	-9.21(4)	-0.65(4)	1.00(12-I-1)	-148409(2)	-20301(2)	5321(11-II-2)
128	4	-9.31(4)	-0.70(4)	0.99(12-I-1)	-148667(4)	-19656(2)	5442(11-II-2)
128	5	-8.86(4)	-0.61(4)	1.00(12-I-1)	-154334(2)	-21595(2)	4781(11-II-2)
128	6	-9.01(4)	-0.66(4)	1.00(12-I-1)	-154617(2)	-21292(2)	4908(11-II-2)
128	7	-9.13(4)	-0.71(4)	1.00(12-I-1)	-154804(2)	-20832(2)	5042(11-II-2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
128	8	-9.23(4)	-0.77(4)	0.99(12-I-1)	-154942(4)	-20212(2)	5211(11-I-4)
128	9	-8.77(4)	-0.69(4)	1.00(12-I-1)	-161154(2)	-22138(2)	4450(11-II-2)
128	10	-8.92(4)	-0.74(4)	1.00(12-I-1)	-161455(2)	-21836(2)	4601(11-I-4)
128	11	-9.04(4)	-0.79(4)	0.99(12-I-1)	-161656(2)	-21392(2)	4819(11-I-4)
128	12	-9.15(4)	-0.84(4)	0.98(12-I-1)	-161766(2)	-20802(2)	5031(11-I-4)
128	13	-8.68(4)	-0.77(4)	0.99(12-I-1)	-168412(2)	-22704(2)	4157(11-I-4)
128	14	-8.83(4)	-0.82(4)	0.99(12-I-1)	-168728(2)	-22404(2)	4388(11-I-4)
128	15	-8.96(4)	-0.87(4)	0.98(12-I-1)	-168943(2)	-21977(2)	4617(11-I-4)
128	16	-9.07(4)	-0.93(4)	0.97(12-I-1)	-169088(4)	-21411(2)	4843(11-I-4)
129	1	-9.37(4)	-0.74(4)	-1.05(10-II-1)	-149470(4)	-19033(2)	5531(11-II-2)
129	2	-9.41(4)	-0.77(4)	-1.08(10-II-1)	-150021(4)	-18521(2)	5616(11-I-4)
129	3	-9.44(4)	-0.80(4)	-1.12(10-II-1)	-150552(4)	-17948(2)	5709(11-I-4)
129	4	-9.47(4)	-0.82(4)	-1.16(10-II-1)	-151062(4)	-17311(2)	5800(11-I-4)
129	5	-9.29(4)	-0.81(4)	-1.02(10-II-1)	-155848(4)	-19614(2)	5360(11-I-4)
129	6	-9.33(4)	-0.84(4)	-1.06(10-II-1)	-156469(4)	-19122(2)	5460(11-I-4)
129	7	-9.36(4)	-0.87(4)	-1.10(10-II-1)	-157067(4)	-18571(2)	5558(11-I-4)
129	8	-9.39(4)	-0.89(4)	-1.13(10-II-1)	-157641(4)	-17955(2)	5652(11-I-4)
129	9	-9.21(4)	-0.89(4)	-0.99(10-II-1)	-162767(4)	-20232(2)	5187(11-I-4)
129	10	-9.25(4)	-0.92(4)	-1.03(10-II-1)	-163460(4)	-19768(2)	5292(11-I-4)
129	11	-9.28(4)	-0.95(4)	-1.07(10-II-1)	-164126(4)	-19241(2)	5392(11-I-4)
129	12	-9.31(4)	-0.98(4)	-1.11(10-II-1)	-164766(4)	-18648(2)	5490(11-I-4)
129	13	-9.13(4)	-0.97(4)	-0.97(10-II-1)	-170209(4)	-20901(2)	5007(11-I-4)
129	14	-9.17(4)	-1.01(4)	-1.01(10-II-1)	-170974(4)	-20454(2)	5120(10-II-1)
129	15	-9.20(4)	-1.04(4)	-1.04(10-II-1)	-171709(4)	-19957(2)	5257(10-II-1)
129	16	-9.23(4)	-1.07(4)	-1.08(10-II-1)	-172419(4)	-19403(2)	5384(10-II-1)
130	1	-9.51(4)	-0.86(4)	-1.20(10-II-1)	-151752(4)	-16706(4)	5927(11-I-4)
130	2	-9.54(4)	-0.90(4)	-1.26(10-II-1)	-152637(4)	-16566(4)	6084(11-I-4)
130	3	-9.56(4)	-0.93(4)	-1.31(10-II-1)	-153516(4)	-16571(4)	6235(11-I-4)
130	4	-9.57(4)	-0.96(4)	-1.36(10-II-1)	-154382(4)	-16724(4)	6385(11-I-4)
130	5	-9.43(4)	-0.93(4)	-1.18(10-II-1)	-158418(4)	-17422(4)	5783(11-I-4)
130	6	-9.46(4)	-0.97(4)	-1.24(10-II-1)	-159411(4)	-17291(4)	5946(11-I-4)
130	7	-9.49(4)	-1.01(4)	-1.29(10-II-1)	-160395(4)	-17302(4)	6102(11-I-4)
130	8	-9.50(4)	-1.03(4)	-1.34(10-II-1)	-161365(4)	-17453(4)	6257(11-I-4)
130	9	-9.35(4)	-1.01(4)	-1.15(10-II-1)	-165631(4)	-18195(4)	5624(11-I-4)
130	10	-9.38(4)	-1.06(4)	-1.21(10-II-1)	-166734(4)	-18073(4)	5789(11-I-4)
130	11	-9.41(4)	-1.09(4)	-1.27(10-II-1)	-167826(4)	-18091(4)	5947(11-I-4)
130	12	-9.43(4)	-1.11(4)	-1.32(10-II-1)	-168905(4)	-18237(4)	6104(11-I-4)
130	13	-9.26(4)	-1.11(4)	-1.13(10-II-1)	-173375(4)	-19011(4)	5558(10-II-1)
130	14	-9.30(4)	-1.15(4)	-1.19(10-II-1)	-174588(4)	-18913(4)	5767(10-II-1)
130	15	-9.33(4)	-1.18(4)	-1.25(10-II-1)	-175785(4)	-18938(4)	5948(10-II-1)
130	16	-9.35(4)	-1.21(4)	-1.30(10-II-1)	-176979(4)	-19077(4)	6117(10-II-1)
131	1	-9.57(4)	-0.98(4)	-1.40(10-II-1)	-155223(4)	-17033(4)	6537(11-I-4)
131	2	-9.55(4)	-1.00(4)	-1.43(10-II-1)	-156022(4)	-17515(4)	6696(11-I-4)
131	3	-9.52(4)	-1.02(4)	-1.46(10-II-1)	-156750(4)	-18198(4)	6865(11-I-4)
131	4	-9.46(4)	-1.04(4)	-1.48(10-II-1)	-157380(4)	-19115(4)	7040(11-I-4)
131	5	-9.50(4)	-1.05(4)	-1.38(10-II-1)	-162309(4)	-17750(4)	6418(11-I-4)
131	6	-9.49(4)	-1.06(4)	-1.41(10-II-1)	-163203(4)	-18209(4)	6593(11-I-4)
131	7	-9.46(4)	-1.08(4)	-1.44(10-II-1)	-164008(4)	-18864(4)	6785(11-I-4)
131	8	-9.41(4)	-1.09(4)	-1.45(10-II-1)	-164685(4)	-19758(4)	6991(11-I-4)
131	9	-9.44(4)	-1.13(4)	-1.36(10-II-1)	-169963(4)	-18514(4)	6272(11-I-4)
131	10	-9.44(4)	-1.14(4)	-1.39(10-II-1)	-170969(4)	-18938(4)	6461(11-I-4)
131	11	-9.41(4)	-1.14(4)	-1.42(10-II-1)	-171866(4)	-19548(4)	6680(11-I-4)
131	12	-9.36(4)	-1.15(4)	-1.43(10-II-1)	-172593(4)	-20407(4)	6925(11-I-4)
131	13	-9.37(4)	-1.22(4)	-1.34(10-II-1)	-178165(4)	-19326(4)	6295(10-II-1)
131	14	-9.38(4)	-1.22(4)	-1.37(10-II-1)	-179306(4)	-19699(4)	6506(10-II-1)
131	15	-9.36(4)	-1.22(4)	-1.40(10-II-1)	-180326(4)	-20243(4)	6772(10-II-1)
131	16	-9.31(4)	-1.22(4)	-1.41(10-II-1)	-181114(4)	-21026(4)	7097(10-II-1)
132	1	-8.43(4)	-1.16(4)	-1.62(10-II-1)	-156666(4)	-21671(4)	7992(11-I-4)
132	2	-8.30(4)	-1.16(4)	-1.63(10-II-1)	-156065(4)	-21252(4)	8050(11-I-4)
132	3	-8.18(4)	-1.15(4)	-1.63(10-II-1)	-155401(4)	-20789(4)	8108(11-I-4)
132	4	-8.07(4)	-1.14(4)	-1.64(10-II-1)	-154688(4)	-20305(4)	8227(5)
132	5	-8.33(4)	-1.19(4)	-1.60(10-II-1)	-163427(4)	-22309(4)	8063(11-I-4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
132	6	-8.21(4)	-1.18(4)	-1.61(10-II-1)	-162748(4)	-21886(4)	8226(5)
132	7	-8.08(4)	-1.18(4)	-1.61(10-II-1)	-162015(4)	-21423(4)	8447(5)
132	8	-7.97(4)	-1.16(4)	-1.62(10-II-1)	-161242(4)	-20943(4)	8642(5)
132	9	-8.24(4)	-1.22(4)	-1.57(10-II-1)	-170603(4)	-22974(4)	8373(5)
132	10	-8.11(4)	-1.21(4)	-1.58(10-II-1)	-169825(4)	-22545(4)	8638(5)
132	11	-7.98(4)	-1.20(4)	-1.59(10-II-1)	-169004(4)	-22088(4)	8869(5)
132	12	-7.87(4)	-1.19(4)	-1.60(10-II-1)	-168160(4)	-21615(4)	9062(5)
132	13	-8.15(4)	-1.25(4)	-1.55(10-II-1)	-178170(4)	-23648(4)	8793(5)
132	14	-8.01(4)	-1.24(4)	-1.56(10-II-1)	-177267(4)	-23233(4)	9080(5)
132	15	-7.88(4)	-1.23(4)	-1.57(10-II-1)	-176332(4)	-22786(4)	9306(5)
132	16	-7.76(4)	-1.21(4)	-1.58(10-II-1)	-175405(4)	-22324(4)	9486(5)
133	1	-8.61(4)	-0.84(4)	0.98(12-I-1)	-174311(2)	-23156(2)	3977(11-I-4)
133	2	-8.77(4)	-0.89(4)	0.98(12-I-1)	-174635(2)	-22859(2)	4218(11-I-4)
133	3	-8.90(4)	-0.94(4)	0.97(12-I-1)	-174861(2)	-22449(2)	4457(11-I-4)
133	4	-9.00(4)	-1.00(4)	0.96(12-I-1)	-175111(4)	-21908(2)	4775(10-II-1)
133	5	-8.56(4)	-0.89(4)	0.98(12-I-1)	-178647(2)	-23481(2)	3849(11-I-4)
133	6	-8.72(4)	-0.94(4)	0.97(12-I-1)	-178977(2)	-23187(2)	4124(10-II-1)
133	7	-8.85(4)	-1.00(4)	0.97(12-I-1)	-179207(2)	-22792(2)	4467(10-II-1)
133	8	-8.96(4)	-1.06(4)	0.96(12-I-1)	-179573(4)	-22281(2)	4799(10-II-1)
133	9	-8.51(4)	-0.94(4)	0.97(12-I-1)	-183095(2)	-23811(2)	3765(10-II-1)
133	10	-8.67(4)	-1.00(4)	0.96(12-I-1)	-183428(2)	-23520(2)	4126(10-II-1)
133	11	-8.81(4)	-1.05(4)	0.96(12-I-1)	-183665(2)	-23144(2)	4479(10-II-1)
133	12	-8.91(4)	-1.12(4)	0.95(12-I-1)	-184183(4)	-22659(2)	4819(10-II-1)
133	13	-8.46(4)	-1.00(4)	0.96(12-I-1)	-187649(2)	-24144(2)	3756(10-II-1)
133	14	-8.63(4)	-1.05(4)	0.95(12-I-1)	-187987(2)	-23857(2)	4128(10-II-1)
133	15	-8.76(4)	-1.11(4)	0.95(12-I-1)	-188225(2)	-23497(2)	4496(10-II-1)
133	16	-8.87(4)	-1.18(4)	0.94(12-I-1)	-188935(4)	-23070(2)	4834(10-II-1)
134	1	-9.07(4)	-1.05(4)	0.96(12-I-1)	-176321(4)	-21432(2)	5010(10-II-1)
134	2	-9.10(4)	-1.08(4)	-0.99(10-II-1)	-177136(4)	-21006(2)	5165(10-II-1)
134	3	-9.14(4)	-1.11(4)	-1.02(10-II-1)	-177926(4)	-20534(2)	5309(10-II-1)
134	4	-9.17(4)	-1.15(4)	-1.06(10-II-1)	-178689(4)	-20009(2)	5447(10-II-1)
134	5	-9.02(4)	-1.11(4)	0.95(12-I-1)	-180848(4)	-21800(2)	5040(10-II-1)
134	6	-9.06(4)	-1.14(4)	-0.97(10-II-1)	-181707(4)	-21400(2)	5197(10-II-1)
134	7	-9.09(4)	-1.17(4)	-1.01(10-II-1)	-182536(4)	-20949(2)	5346(10-II-1)
134	8	-9.12(4)	-1.20(4)	-1.04(10-II-1)	-183334(4)	-20436(2)	5482(10-II-1)
134	9	-8.98(4)	-1.17(4)	0.94(12-I-1)	-185523(4)	-22184(2)	5067(10-II-1)
134	10	-9.01(4)	-1.20(4)	-0.95(10-II-1)	-186429(4)	-21794(2)	5228(10-II-1)
134	11	-9.05(4)	-1.23(4)	-0.99(10-II-1)	-187297(4)	-21364(2)	5385(10-II-1)
134	12	-9.07(4)	-1.27(4)	-1.02(10-II-1)	-188127(4)	-20885(2)	5523(10-II-1)
134	13	-8.93(4)	-1.23(4)	0.93(12-I-1)	-190350(4)	-22532(2)	5086(10-II-1)
134	14	-8.97(4)	-1.26(4)	-0.94(10-II-1)	-191305(4)	-22197(2)	5266(10-II-1)
134	15	-9.00(4)	-1.30(4)	-0.97(10-II-1)	-192213(4)	-21791(2)	5423(10-II-1)
134	16	-9.03(4)	-1.33(4)	-1.01(10-II-1)	-193071(4)	-21303(2)	5576(10-II-1)
135	1	-9.20(4)	-1.19(4)	-1.11(10-II-1)	-179714(4)	-19684(4)	5620(10-II-1)
135	2	-9.23(4)	-1.23(4)	-1.17(10-II-1)	-181009(4)	-19601(4)	5819(10-II-1)
135	3	-9.26(4)	-1.27(4)	-1.22(10-II-1)	-182287(4)	-19633(4)	5992(10-II-1)
135	4	-9.29(4)	-1.29(4)	-1.28(10-II-1)	-183573(4)	-19767(4)	6149(10-II-1)
135	5	-9.15(4)	-1.25(4)	-1.09(10-II-1)	-184406(4)	-20193(4)	5658(10-II-1)
135	6	-9.18(4)	-1.29(4)	-1.15(10-II-1)	-185755(4)	-20112(4)	5855(10-II-1)
135	7	-9.21(4)	-1.33(4)	-1.21(10-II-1)	-187089(4)	-20151(4)	6018(10-II-1)
135	8	-9.24(4)	-1.35(4)	-1.27(10-II-1)	-188442(4)	-20282(4)	6162(10-II-1)
135	9	-9.10(4)	-1.31(4)	-1.07(10-II-1)	-189246(4)	-20712(4)	5699(10-II-1)
135	10	-9.14(4)	-1.36(4)	-1.13(10-II-1)	-190645(4)	-20643(4)	5890(10-II-1)
135	11	-9.16(4)	-1.39(4)	-1.19(10-II-1)	-192033(4)	-20686(4)	6040(10-II-1)
135	12	-9.19(4)	-1.42(4)	-1.25(10-II-1)	-193451(4)	-20819(4)	6168(10-II-1)
135	13	-9.06(4)	-1.37(4)	-1.05(10-II-1)	-194227(4)	-21275(4)	5751(10-II-1)
135	14	-9.09(4)	-1.42(4)	-1.11(10-II-1)	-195673(4)	-21185(4)	5921(10-II-1)
135	15	-9.12(4)	-1.46(4)	-1.18(10-II-1)	-197114(4)	-21240(4)	6064(10-II-1)
135	16	-9.14(4)	-1.49(4)	-1.24(10-II-1)	-198594(4)	-21382(4)	6168(10-II-1)
136	1	-9.31(4)	-1.30(4)	-1.33(10-II-1)	-184869(4)	-19989(4)	6317(10-II-1)
136	2	-9.33(4)	-1.29(4)	-1.36(10-II-1)	-186134(4)	-20312(4)	6532(10-II-1)
136	3	-9.33(4)	-1.28(4)	-1.38(10-II-1)	-187270(4)	-20788(4)	6824(10-II-1)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
136	4	-9.28(4)	-1.28(4)	-1.39(10-II-1)	-188132(4)	-21506(4)	7188(10-II-1)
136	5	-9.27(4)	-1.36(4)	-1.31(10-II-1)	-189822(4)	-20483(4)	6318(10-II-1)
136	6	-9.29(4)	-1.35(4)	-1.35(10-II-1)	-191191(4)	-20761(4)	6530(10-II-1)
136	7	-9.30(4)	-1.33(4)	-1.37(10-II-1)	-192430(4)	-21175(4)	6838(10-II-1)
136	8	-9.26(4)	-1.32(4)	-1.38(10-II-1)	-193355(4)	-21849(4)	7253(10-II-1)
136	9	-9.22(4)	-1.42(4)	-1.30(10-II-1)	-194921(4)	-20999(4)	6305(10-II-1)
136	10	-9.25(4)	-1.41(4)	-1.34(10-II-1)	-196407(4)	-21224(4)	6508(10-II-1)
136	11	-9.27(4)	-1.39(4)	-1.36(10-II-1)	-197772(4)	-21566(4)	6834(10-II-1)
136	12	-9.25(4)	-1.37(4)	-1.37(10-II-1)	-198778(4)	-22169(4)	7297(10-II-1)
136	13	-9.17(4)	-1.50(4)	-1.29(10-II-1)	-200156(4)	-21536(4)	6280(10-II-1)
136	14	-9.20(4)	-1.48(4)	-1.33(10-II-1)	-201781(4)	-21712(4)	6463(10-II-1)
136	15	-9.24(4)	-1.45(4)	-1.35(10-II-1)	-203289(4)	-21941(4)	6812(10-II-1)
136	16	-9.24(4)	-1.42(4)	-1.36(10-II-1)	-204403(4)	-22525(4)	7310(10-II-1)
137	1	-8.08(4)	-1.27(4)	-1.53(10-II-1)	-184279(4)	-24194(4)	9165(5)
137	2	-7.93(4)	-1.26(4)	-1.54(10-II-1)	-183251(4)	-23786(4)	9441(5)
137	3	-7.80(4)	-1.25(4)	-1.55(10-II-1)	-182210(4)	-23352(4)	9655(5)
137	4	-7.68(4)	-1.23(4)	-1.56(10-II-1)	-181211(4)	-22900(4)	9811(5)
137	5	-8.03(4)	-1.29(4)	-1.51(10-II-1)	-188745(4)	-24601(4)	9428(5)
137	6	-7.88(4)	-1.28(4)	-1.52(10-II-1)	-187611(4)	-24191(4)	9710(5)
137	7	-7.74(4)	-1.26(4)	-1.54(10-II-1)	-186484(4)	-23769(4)	9906(5)
137	8	-7.62(4)	-1.24(4)	-1.55(10-II-1)	-185429(4)	-23327(4)	10036(5)
137	9	-7.98(4)	-1.30(4)	-1.50(10-II-1)	-193311(4)	-25008(4)	9710(5)
137	10	-7.82(4)	-1.29(4)	-1.51(10-II-1)	-192050(4)	-24609(4)	9986(5)
137	11	-7.68(4)	-1.28(4)	-1.52(10-II-1)	-190828(4)	-24200(4)	10157(5)
137	12	-7.56(4)	-1.26(4)	-1.53(10-II-1)	-189713(4)	-23770(4)	10254(5)
137	13	-7.93(4)	-1.31(4)	-1.48(10-II-1)	-197966(4)	-25450(4)	10020(5)
137	14	-7.77(4)	-1.30(4)	-1.49(10-II-1)	-196554(4)	-25035(4)	10261(5)
137	15	-7.62(4)	-1.29(4)	-1.50(10-II-1)	-195233(4)	-24646(4)	10407(5)
137	16	-7.49(4)	-1.27(4)	-1.52(10-II-1)	-194056(4)	-24231(4)	10460(5)
138	1	-8.37(4)	-1.12(4)	0.94(12-I-1)	-196859(2)	-24808(2)	3754(10-II-1)
138	2	-8.54(4)	-1.18(4)	0.93(12-I-1)	-197205(2)	-24528(2)	4148(10-II-1)
138	3	-8.68(4)	-1.24(4)	0.93(12-I-1)	-197461(2)	-24193(2)	4539(10-II-1)
138	4	-8.79(4)	-1.31(4)	0.92(12-I-1)	-198682(4)	-23807(2)	4930(10-II-1)
138	5	-8.23(4)	-1.32(4)	0.90(12-I-1)	-211104(2)	-25852(2)	-4123(12-I-1)
138	6	-8.42(4)	-1.39(4)	0.89(12-I-1)	-211464(2)	-25586(2)	4253(10-II-1)
138	7	-8.56(4)	-1.46(4)	0.89(12-I-1)	-211770(2)	-25283(2)	4672(10-II-1)
138	8	-8.66(4)	-1.52(4)	0.88(12-I-1)	-214097(4)	-24929(2)	5093(10-II-1)
138	9	-8.10(4)	-1.56(4)	0.85(12-I-1)	-225846(2)	-27015(2)	-5408(12-I-1)
138	10	-8.29(4)	-1.64(4)	0.85(12-I-1)	-226220(2)	-26757(2)	-5391(12-I-1)
138	11	-8.44(4)	-1.72(4)	0.84(12-I-1)	-227779(4)	-26496(2)	-5370(12-I-1)
138	12	-8.53(4)	-1.79(4)	0.84(12-I-1)	-230582(4)	-26187(2)	5518(10-II-1)
138	13	-7.95(4)	-1.85(4)	0.79(12-I-1)	-240753(2)	-28453(2)	-7512(12-I-1)
138	14	-8.15(4)	-1.97(4)	0.79(12-I-1)	-241620(4)	-28164(2)	-7510(12-I-1)
138	15	-8.31(4)	-2.06(4)	0.79(12-I-1)	-244758(4)	-27901(2)	-7493(12-I-1)
138	16	-8.41(4)	-2.12(4)	0.78(12-I-1)	-247951(4)	-27657(2)	-7484(12-I-1)
139	1	-8.84(4)	-1.36(4)	0.91(12-I-1)	-200230(4)	-23345(2)	5205(10-II-1)
139	2	-8.87(4)	-1.40(4)	0.91(12-I-1)	-201275(4)	-23056(2)	5366(10-II-1)
139	3	-8.90(4)	-1.43(4)	-0.94(10-II-1)	-202257(4)	-22699(2)	5516(10-II-1)
139	4	-8.92(4)	-1.46(4)	-0.97(10-II-1)	-203184(4)	-22307(4)	5645(10-II-1)
139	5	-8.71(4)	-1.58(4)	0.88(12-I-1)	-215876(4)	-24634(2)	5403(10-II-1)
139	6	-8.73(4)	-1.62(4)	0.87(12-I-1)	-217037(4)	-24380(2)	5596(10-II-1)
139	7	-8.75(4)	-1.65(4)	-0.88(10-II-1)	-218122(4)	-24116(2)	5770(10-II-1)
139	8	-8.77(4)	-1.69(4)	-0.91(10-II-1)	-219136(4)	-23982(4)	5914(10-II-1)
139	9	-8.57(4)	-1.83(4)	0.83(12-I-1)	-232642(4)	-25902(2)	5880(10-II-1)
139	10	-8.58(4)	-1.87(4)	0.83(12-I-1)	-233927(4)	-25768(2)	6139(10-II-1)
139	11	-8.59(4)	-1.90(4)	0.83(12-I-1)	-235034(4)	-25637(4)	6342(10-II-1)
139	12	-8.61(4)	-1.93(4)	-0.85(10-II-1)	-236089(4)	-25734(4)	6489(10-II-1)
139	13	-8.43(4)	-2.12(4)	0.79(12-I-1)	-250246(4)	-27628(2)	-7381(12-I-1)
139	14	-8.42(4)	-2.14(4)	0.78(12-I-1)	-251461(4)	-27638(4)	-7392(12-I-1)
139	15	-8.43(4)	-2.16(4)	0.78(12-I-1)	-252700(4)	-27751(4)	7568(10-II-1)
139	16	-8.43(4)	-2.18(4)	0.78(12-I-1)	-253724(4)	-27826(4)	7822(10-II-1)
140	1	-8.95(4)	-1.51(4)	-1.02(10-II-1)	-204421(4)	-22322(4)	5824(10-II-1)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
140	2	-8.98(4)	-1.56(4)	-1.07(10-II-1)	-205952(4)	-22279(4)	6014(10-II-1)
140	3	-9.01(4)	-1.60(4)	-1.13(10-II-1)	-207466(4)	-22384(4)	6130(10-II-1)
140	4	-9.04(4)	-1.63(4)	-1.20(10-II-1)	-209026(4)	-22567(4)	6185(10-II-1)
140	5	-8.80(4)	-1.73(4)	-1.25(10-II-1)	-220467(4)	-23940(4)	6090(10-II-1)
140	6	-8.83(4)	-1.77(4)	-1.01(10-II-1)	-222110(4)	-24003(4)	6259(10-II-1)
140	7	-8.85(4)	-1.82(4)	-1.06(10-II-1)	-223698(4)	-24182(4)	6349(10-II-1)
140	8	-8.86(4)	-1.86(4)	-1.13(10-II-1)	-225309(4)	-24472(4)	6336(10-II-1)
140	9	-8.63(4)	-1.97(4)	-0.88(10-II-1)	-237522(4)	-25770(4)	6665(10-II-1)
140	10	-8.67(4)	-2.01(4)	-0.93(10-II-1)	-239308(4)	-25813(4)	6856(10-II-1)
140	11	-8.68(4)	-2.05(4)	-0.97(10-II-1)	-240976(4)	-26080(4)	6996(10-II-1)
140	12	-8.68(4)	-2.10(4)	-1.03(10-II-1)	-242521(4)	-26469(4)	6991(10-II-1)
140	13	-8.47(4)	-2.21(4)	-0.80(10-II-1)	-255351(4)	-27638(4)	8034(10-II-1)
140	14	-8.51(4)	-2.25(4)	-0.84(10-II-1)	-257518(4)	-27882(4)	8450(10-II-1)
140	15	-8.52(4)	-2.29(4)	-0.88(10-II-1)	-259257(4)	-28128(4)	8725(10-II-1)
140	16	-8.51(4)	-2.33(4)	-0.91(10-II-1)	-260814(4)	-28386(4)	8885(10-II-1)
141	1	-9.08(4)	-1.65(4)	-1.27(10-II-1)	-210764(4)	-22735(4)	6200(10-II-1)
141	2	-9.14(4)	-1.63(4)	-1.32(10-II-1)	-212709(4)	-22732(4)	6310(10-II-1)
141	3	-9.21(4)	-1.58(4)	-1.34(10-II-1)	-214673(4)	-22752(4)	6644(10-II-1)
141	4	-9.23(4)	-1.52(4)	-1.34(10-II-1)	-216138(4)	-22928(4)	7340(10-II-1)
141	5	-8.90(4)	-1.90(4)	-1.21(10-II-1)	-227104(4)	-24775(4)	6186(10-II-1)
141	6	-8.99(4)	-1.92(4)	-1.31(10-II-1)	-229636(4)	-24823(4)	5915(10-II-1)
141	7	-9.11(4)	-1.84(4)	-1.34(10-II-1)	-232651(4)	-23932(4)	6161(10-II-1)
141	8	-9.27(4)	-1.72(4)	-1.32(10-II-1)	-235132(4)	-23777(4)	7013(10-II-1)
141	9	-8.68(4)	-2.16(4)	-1.10(10-II-1)	-244179(4)	-26961(4)	6770(10-II-1)
141	10	-8.74(4)	-2.22(4)	-1.21(10-II-1)	-246270(4)	-27528(4)	6165(10-II-1)
141	11	-9.04(4)	-2.32(4)	-1.41(10-II-1)	-251442(4)	-27460(4)	-6054(12-I-1)
141	12	-9.27(4)	-1.98(4)	-1.32(10-II-1)	-256158(4)	-23562(4)	6473(10-II-1)
141	13	-8.49(4)	-2.37(4)	-0.96(10-II-1)	-262290(4)	-28693(4)	8887(10-II-1)
141	14	-8.46(4)	-2.45(4)	-1.01(10-II-1)	-263977(4)	-29231(4)	8609(10-II-1)
141	15	-8.51(4)	-2.60(4)	-1.14(10-II-1)	-266031(4)	-30716(4)	7325(10-II-1)
141	16	-9.93(4)	-3.17(4)	-1.69(10-II-1)	-281067(4)	-33875(4)	-7401(12-I-1)
142	1	-7.83(4)	-1.34(4)	-1.44(10-II-1)	-207268(4)	-26254(4)	10568(5)
142	2	-7.66(4)	-1.32(4)	-1.45(10-II-1)	-205540(4)	-25902(4)	10798(5)
142	3	-7.50(4)	-1.30(4)	-1.46(10-II-1)	-203994(4)	-25560(4)	10866(5)
142	4	-7.37(4)	-1.28(4)	-1.48(10-II-1)	-202669(4)	-25201(4)	10855(4)
142	5	-7.68(4)	-1.36(4)	-1.38(10-II-1)	-221339(4)	-27477(4)	11258(5)
142	6	-7.49(4)	-1.33(4)	-1.38(10-II-1)	-219194(4)	-27191(4)	11408(5)
142	7	-7.33(4)	-1.31(4)	-1.38(10-II-1)	-217254(4)	-27027(4)	11340(5)
142	8	-7.18(4)	-1.29(4)	-1.39(10-II-1)	-215694(4)	-26699(4)	11212(4)
142	9	-7.57(4)	-1.30(4)	-1.33(10-II-1)	-235933(4)	-28365(4)	11009(5)
142	10	-7.33(4)	-1.32(4)	-1.29(10-II-1)	-233103(4)	-28720(4)	11400(5)
142	11	-7.15(4)	-1.28(4)	-1.27(10-II-1)	-230631(4)	-28375(4)	10941(5)
142	12	-7.01(4)	-1.26(4)	-1.26(10-II-1)	-229027(4)	-28063(4)	10788(4)
142	13	-7.61(4)	-1.19(4)	-1.21(10-II-1)	-252373(4)	-29535(4)	10247(10-II-1)
142	14	-7.15(4)	-1.18(4)	-1.10(10-II-1)	-246689(4)	-29147(4)	10515(10-II-1)
142	15	-6.99(4)	-1.20(4)	-1.09(10-II-1)	-244753(4)	-28929(4)	10869(10-II-1)
142	16	-6.84(4)	-1.19(4)	-1.10(10-II-1)	-242975(4)	-28871(4)	11099(10-II-1)
143	1	-8.58(4)	-1.03(4)	-0.88(10-II-1)	-226340(11-I-3)	-27920(11-I-3)	6935(10-I-3)
143	2	-8.14(8)	-1.01(8)	-0.78(10-II-1)	-223019(11-I-3)	-27452(11-I-3)	7935(10-I-3)
143	3	-8.14(8)	-0.99(8)	0.93(12-I-1)	-220504(11-I-3)	-26866(11-I-2)	9180(10-I-3)
143	4	-8.55(12-I-1)	-0.97(12-I-1)	0.94(12-I-1)	-218504(11-I-2)	-26073(11-I-2)	10481(10-I-3)
143	5	-8.51(4)	-0.94(8)	-0.91(10-II-1)	-211966(13-I-3)	-25371(13-I-3)	7365(10-I-3)
143	6	-8.19(8)	-0.96(8)	-0.78(10-II-1)	-209674(13-I-3)	-24787(13-I-3)	8090(10-I-3)
143	7	-8.19(8)	-0.93(12-I-1)	0.87(12-I-1)	-207800(13-I-3)	-23736(13-I-3)	9263(10-I-3)
143	8	-8.49(12-I-1)	-0.85(12-I-1)	0.98(12-I-1)	-206242(13-I-3)	-21999(13-I-2)	10356(10-I-3)
143	9	-8.46(4)	-0.86(8)	-0.93(10-II-1)	-199517(13-I-3)	-23200(13-I-3)	7846(10-I-3)
143	10	-8.21(8)	-0.88(12-I-1)	-0.80(10-II-1)	-197665(13-I-3)	-22327(13-I-3)	8463(10-I-3)
143	11	-8.21(8)	-0.84(12-I-1)	0.82(12-I-1)	-196078(13-I-3)	-20890(13-I-3)	9438(10-I-3)
143	12	-8.44(12-I-1)	-0.70(12-I-1)	0.92(12-I-1)	-194928(13-I-3)	-18499(13-I-2)	10354(10-I-3)
143	13	-8.40(4)	-0.79(8)	-0.94(10-II-1)	-187756(13-I-3)	-21154(13-I-3)	8306(10-I-3)
143	14	-8.22(8)	-0.79(12-I-1)	-0.83(10-II-1)	-186266(13-I-3)	-20030(13-I-3)	8869(10-I-3)
143	15	-8.20(8)	-0.73(12-I-1)	0.76(12-I-1)	-185007(13-I-3)	-18294(13-I-3)	9671(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
143	16	-8.37(12-I-1)	-0.56(12-I-1)	0.82(12-I-1)	-184206(13-I-3)	-15491(13-I-3)	10373(10-I-3)
144	1	-8.34(4)	-0.73(12-I-1)	-0.96(10-II-1)	-176741(13-I-3)	-19227(13-I-3)	8726(10-I-3)
144	2	-8.20(8)	-0.71(12-I-1)	-0.85(10-II-1)	-175521(13-I-3)	-17913(13-I-3)	9245(10-I-3)
144	3	-8.18(8)	-0.63(12-I-1)	-0.73(10-II-1)	-174543(13-I-3)	-15963(13-I-3)	9900(10-I-3)
144	4	-8.29(12-I-1)	-0.45(12-I-1)	0.72(12-I-1)	-174020(13-I-3)	-12967(13-I-3)	10386(10-I-3)
144	5	-8.29(4)	-0.68(12-I-1)	-0.98(10-II-1)	-166412(13-I-3)	-17417(13-I-3)	9100(10-I-3)
144	6	-8.17(8)	-0.63(12-I-1)	-0.88(10-II-1)	-165407(13-I-3)	-15975(13-I-3)	9568(10-I-3)
144	7	-8.13(8)	-0.53(12-I-1)	-0.76(10-II-1)	-164662(13-I-3)	-13901(13-I-3)	10093(10-I-3)
144	8	-8.18(12-I-1)	-0.37(12-I-1)	-0.66(10-II-1)	-164335(13-I-3)	-10879(13-I-3)	10379(10-I-3)
144	9	-8.22(4)	-0.62(12-I-1)	-1.01(10-II-1)	-156726(13-I-3)	-15714(13-I-3)	9420(10-I-3)
144	10	-8.12(8)	-0.56(12-I-1)	-0.90(10-II-1)	-155894(13-I-3)	-14216(13-I-3)	9834(10-I-3)
144	11	-8.07(8)	-0.46(12-I-1)	-0.79(10-II-1)	-155334(13-I-3)	-12098(13-I-3)	10235(10-I-3)
144	12	-8.07(12-I-1)	-0.31(12-I-1)	-0.67(10-II-1)	-155152(13-I-3)	-9149(13-I-3)	10351(10-I-3)
144	13	-8.17(4)	-0.57(12-I-1)	-1.02(10-II-1)	-147649(13-I-3)	-14156(13-I-3)	9663(10-I-3)
144	14	-8.08(8)	-0.50(12-I-1)	-0.91(10-II-1)	-146968(13-I-3)	-12607(13-I-3)	10024(10-I-3)
144	15	-8.02(8)	-0.39(12-I-1)	-0.80(10-II-1)	-146542(13-I-3)	-10504(13-I-3)	10347(10-I-3)
144	16	-7.97(12-I-1)	-0.25(12-I-1)	-0.67(10-II-1)	-146462(13-I-3)	-7733(13-I-3)	10309(10-I-3)
145	1	-8.11(4)	-0.52(12-I-1)	-1.05(10-II-1)	-139191(13-I-3)	-12758(13-I-3)	9856(10-I-3)
145	2	-8.02(8)	-0.44(12-I-1)	-0.94(10-II-1)	-138643(13-I-3)	-11142(13-I-3)	10169(10-I-3)
145	3	-7.95(8)	-0.34(12-I-1)	-0.82(10-II-1)	-138336(13-I-3)	-9101(13-I-3)	10390(10-I-3)
145	4	-7.86(8)	-0.21(12-I-1)	-0.69(10-II-1)	-138321(13-I-3)	-6581(13-I-3)	10249(10-I-3)
145	5	-8.04(4)	-0.48(12-I-1)	-1.06(10-II-1)	-131334(13-I-3)	-11456(13-I-3)	10003(10-I-3)
145	6	-7.95(8)	-0.40(12-I-1)	-0.95(10-II-1)	-130886(13-I-3)	-9853(13-I-3)	10258(10-I-3)
145	7	-7.88(8)	-0.30(12-I-1)	-0.83(10-II-1)	-130673(13-I-3)	-7904(13-I-3)	10383(10-I-3)
145	8	-7.78(8)	-0.18(12-I-1)	-0.68(10-II-1)	-130713(13-I-3)	-5598(13-I-3)	10176(10-I-3)
145	9	-7.97(4)	-0.44(12-I-1)	-1.07(10-II-1)	-123981(13-I-3)	-10250(13-I-3)	10086(10-I-3)
145	10	-7.89(8)	-0.36(12-I-1)	-0.96(10-II-1)	-123610(13-I-3)	-8710(13-I-3)	10281(10-I-3)
145	11	-7.81(8)	-0.26(12-I-1)	-0.84(10-II-1)	-123460(13-I-3)	-6867(13-I-3)	10350(10-I-3)
145	12	-7.69(8)	-0.16(12-I-1)	-0.68(10-II-1)	-123538(13-I-3)	-4753(13-I-3)	10084(10-I-3)
145	13	-7.90(4)	-0.41(8)	-1.09(10-II-1)	-117079(13-I-3)	-9161(13-I-3)	10118(10-I-3)
145	14	-7.82(8)	-0.33(12-I-1)	-0.97(10-II-1)	-116773(13-I-3)	-7679(13-I-3)	10262(10-I-3)
145	15	-7.73(8)	-0.24(12-I-1)	-0.84(10-II-1)	-116670(13-I-3)	-5953(13-I-3)	10278(10-I-3)
145	16	-7.62(8)	-0.14(12-I-1)	-0.68(10-II-1)	-116766(13-I-3)	-4039(13-I-3)	9970(10-I-3)
146	1	-7.82(4)	-0.39(8)	-1.10(10-II-1)	-110607(13-I-3)	-8175(13-I-3)	10103(10-I-3)
146	2	-7.74(8)	-0.30(12-I-1)	-0.98(10-II-1)	-110354(13-I-3)	-6757(13-I-3)	10200(10-I-3)
146	3	-7.66(8)	-0.21(12-I-1)	-0.85(10-II-4)	-110283(13-I-3)	-5150(13-I-3)	10172(10-I-3)
146	4	-7.54(8)	-0.13(12-I-1)	-0.68(10-II-4)	-110382(13-I-3)	-3428(13-I-3)	9836(10-I-3)
146	5	-7.75(4)	-0.38(8)	-1.11(10-II-1)	-104552(13-I-3)	-7285(13-I-3)	10042(10-I-3)
146	6	-7.67(8)	-0.29(8)	-0.99(10-II-4)	-104337(13-I-3)	-5936(13-I-3)	10099(10-I-3)
146	7	-7.59(8)	-0.20(12-I-1)	-0.85(10-II-4)	-104286(13-I-3)	-4541(12-I-1)	10034(10-I-3)
146	8	-7.48(8)	-0.12(12-I-1)	-0.68(10-II-4)	-104380(13-I-3)	-3122(12-I-1)	9682(10-I-3)
146	9	-7.68(4)	-0.37(8)	-1.12(10-II-4)	-104261(4)	-6706(12-I-2)	9939(10-I-3)
146	10	-7.60(8)	-0.28(8)	-1.00(10-II-4)	-103895(4)	-5629(12-I-2)	9959(10-I-3)
146	11	-7.52(8)	-0.19(8)	-0.86(10-II-4)	-103702(4)	-4371(12-I-2)	9865(10-I-3)
146	12	-7.41(8)	-0.11(8)	-0.69(10-II-4)	-103651(4)	-2997(12-I-2)	9506(10-I-3)
146	13	-7.60(4)	-0.37(8)	-1.13(10-II-4)	-106198(4)	-6568(12-I-2)	9797(10-I-3)
146	14	-7.53(8)	-0.28(8)	-1.01(10-II-4)	-105897(4)	-5517(12-I-2)	9783(10-I-3)
146	15	-7.45(8)	-0.19(8)	-0.86(10-II-4)	-105769(4)	-4294(12-I-2)	9665(10-I-3)
146	16	-7.35(8)	-0.11(8)	-0.69(10-II-4)	-105777(4)	-2957(12-I-2)	9305(10-I-3)
147	1	-7.53(4)	-0.37(8)	-1.14(10-II-4)	-108634(4)	-6501(12-I-2)	9616(10-I-3)
147	2	-7.45(8)	-0.28(8)	-1.02(10-II-4)	-108393(4)	-5477(12-I-2)	9572(10-I-3)
147	3	-7.39(8)	-0.19(8)	-0.87(10-II-4)	-108328(4)	-4281(12-I-2)	9434(10-I-3)
147	4	-7.30(8)	-0.11(8)	-0.69(10-II-4)	-108398(4)	-2967(12-I-2)	9079(10-I-3)
147	5	-7.45(4)	-0.37(8)	-1.15(10-II-4)	-111547(4)	-6503(12-I-2)	9398(10-I-3)
147	6	-7.38(8)	-0.29(8)	-1.03(10-II-4)	-111360(4)	-5504(12-I-2)	9325(10-I-3)
147	7	-7.33(8)	-0.20(8)	-0.88(10-II-4)	-111358(4)	-4329(12-I-2)	9169(10-I-3)
147	8	-7.24(8)	-0.12(8)	-0.70(10-II-4)	-111496(4)	-3027(12-I-2)	8821(10-I-3)
147	9	-7.37(4)	-0.38(8)	-1.16(10-II-4)	-114911(4)	-6678(4)	9143(10-I-3)
147	10	-7.31(8)	-0.30(8)	-1.04(10-II-4)	-114776(4)	-5597(12-I-2)	9041(10-I-3)
147	11	-7.26(8)	-0.21(8)	-0.89(10-II-4)	-114839(4)	-4439(12-I-2)	8868(10-I-3)
147	12	-7.19(8)	-0.13(8)	-0.71(10-II-4)	-115052(4)	-3134(12-I-2)	8528(10-I-3)
147	13	-7.30(4)	-0.40(8)	-1.17(10-II-4)	-118701(4)	-7168(4)	8851(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
147	14	-7.23(8)	-0.31(8)	-1.05(10-II-4)	-118615(4)	-5774(4)	8720(10-I-3)
147	15	-7.20(8)	-0.22(8)	-0.90(10-II-4)	-118748(4)	-4607(12-I-2)	8528(10-I-3)
147	16	-7.15(8)	-0.14(8)	-0.72(10-II-4)	-119046(4)	-3289(12-I-2)	8194(10-I-3)
148	1	-7.22(4)	-0.41(8)	-1.18(10-II-4)	-122889(4)	-7763(4)	8522(10-I-3)
148	2	-7.16(8)	-0.33(8)	-1.06(10-II-4)	-122852(4)	-6351(4)	8358(10-I-3)
148	3	-7.14(8)	-0.24(8)	-0.91(10-II-4)	-123061(4)	-4947(13-II-2)	8143(10-I-3)
148	4	-7.11(8)	-0.15(8)	-0.73(10-II-4)	-123459(4)	-3605(13-II-2)	7813(10-I-3)
148	5	-7.14(4)	-0.44(8)	-1.19(10-II-4)	-127449(4)	-8467(4)	8156(10-I-3)
148	6	-7.08(8)	-0.35(8)	-1.07(10-II-4)	-127458(4)	-7036(4)	7954(10-I-3)
148	7	-7.08(8)	-0.26(8)	-0.93(10-II-4)	-127752(4)	-5690(13-II-2)	7710(10-I-3)
148	8	-7.07(8)	-0.16(8)	-0.74(10-II-4)	-128270(4)	-4197(13-II-2)	7376(10-I-3)
148	9	-7.06(4)	-0.46(4)	-1.20(10-II-4)	-132348(4)	-9282(4)	7752(10-I-3)
148	10	-7.01(8)	-0.38(8)	-1.09(10-II-4)	-132405(4)	-7836(4)	7504(10-I-3)
148	11	-7.02(8)	-0.28(8)	-0.94(10-II-4)	-132795(4)	-6516(13-II-2)	7221(10-I-3)
148	12	-7.03(8)	-0.18(8)	-0.76(10-II-4)	-133455(4)	-4861(13-II-2)	6875(10-I-3)
148	13	-6.98(4)	-0.49(4)	-1.21(10-II-4)	-137557(4)	-10215(4)	7344(11-I-4)
148	14	-6.93(8)	-0.40(8)	-1.10(10-II-4)	-137658(4)	-8763(13-II-2)	7008(10-I-3)
148	15	-6.96(8)	-0.31(8)	-0.96(10-II-4)	-138156(4)	-7435(13-II-2)	6672(10-I-3)
148	16	-6.99(8)	-0.20(8)	-0.78(10-II-4)	-138991(4)	-5609(13-II-2)	6298(10-I-3)
149	1	-6.90(4)	-0.53(4)	-1.22(10-II-4)	-143039(4)	-11271(4)	7294(11-I-4)
149	2	-6.84(8)	-0.44(8)	-1.12(10-II-4)	-143182(4)	-9862(13-II-2)	6892(11-I-4)
149	3	-6.89(8)	-0.34(8)	-0.98(10-II-4)	-143801(4)	-8461(13-II-2)	6433(11-I-4)
149	4	-6.95(8)	-0.23(8)	-0.81(10-II-4)	-144848(4)	-6459(13-II-2)	5884(11-I-4)
149	5	-6.81(4)	-0.57(4)	-1.23(10-II-4)	-148759(4)	-12456(4)	7250(11-I-4)
149	6	-6.76(8)	-0.48(4)	-1.13(10-II-4)	-148935(4)	-11073(13-II-2)	6819(11-I-4)
149	7	-6.83(8)	-0.38(8)	-1.01(10-II-4)	-149687(4)	-9613(13-II-2)	6332(11-I-4)
149	8	-6.92(8)	-0.27(8)	-0.83(10-II-4)	-150992(4)	-7433(13-II-2)	5758(11-I-4)
149	9	-6.73(4)	-0.61(4)	-1.24(10-II-4)	-154678(4)	-13775(4)	7217(11-I-4)
149	10	-6.67(4)	-0.52(4)	-1.15(10-II-4)	-154874(4)	-12409(13-II-2)	6759(11-I-4)
149	11	-6.75(8)	-0.42(8)	-1.03(10-II-4)	-155762(4)	-10915(13-II-2)	6247(11-I-4)
149	12	-6.87(8)	-0.31(8)	-0.87(10-II-4)	-157375(4)	-8563(13-II-2)	5651(11-I-4)
149	13	-6.64(4)	-0.66(4)	-1.24(10-II-4)	-160760(4)	-15230(4)	7196(11-I-4)
149	14	-6.60(4)	-0.57(4)	-1.16(10-II-4)	-160953(4)	-13913(4)	6717(11-I-4)
149	15	-6.68(8)	-0.47(4)	-1.05(10-II-4)	-161966(4)	-12395(13-II-2)	6183(11-I-4)
149	16	-6.83(8)	-0.36(8)	-0.90(10-II-4)	-163936(4)	-9886(13-II-2)	5563(11-I-4)
150	1	-6.56(4)	-0.69(4)	-1.25(10-II-4)	-165569(4)	-16442(4)	7190(11-I-4)
150	2	-6.53(4)	-0.61(4)	-1.17(10-II-4)	-165736(4)	-15207(4)	6699(11-I-4)
150	3	-6.61(8)	-0.52(4)	-1.07(10-II-4)	-166833(4)	-13665(13-II-2)	6150(11-I-4)
150	4	-6.79(8)	-0.40(8)	-0.93(10-II-4)	-169092(4)	-11063(13-II-2)	5507(11-I-4)
150	5	-6.52(4)	-0.72(4)	-1.25(10-II-4)	-169021(4)	-17356(4)	7193(11-I-4)
150	6	-6.49(4)	-0.64(4)	-1.18(10-II-4)	-169153(4)	-16199(4)	6697(11-I-4)
150	7	-6.56(8)	-0.55(4)	-1.08(10-II-4)	-170284(4)	-14659(13-II-2)	6137(11-I-4)
150	8	-6.75(8)	-0.44(4)	-0.96(10-II-4)	-172755(4)	-12030(13-II-2)	-5521(13-II-4)
150	9	-6.47(4)	-0.74(4)	-1.25(10-II-4)	-172505(4)	-18303(4)	7200(11-I-4)
150	10	-6.45(4)	-0.67(4)	-1.18(10-II-4)	-172586(4)	-17238(4)	6702(11-I-4)
150	11	-6.51(8)	-0.59(4)	-1.09(10-II-4)	-173725(4)	-15723(13-II-2)	6136(11-I-4)
150	12	-6.71(8)	-0.49(4)	-0.98(10-II-4)	-176394(4)	-13102(13-II-2)	-6425(13-II-4)
150	13	-6.45(4)	-0.76(4)	-1.25(10-II-4)	-176019(4)	-19279(4)	7211(11-I-4)
150	14	-6.44(4)	-0.69(4)	-1.18(10-II-4)	-176033(4)	-18318(4)	6717(11-I-4)
150	15	-6.48(8)	-0.63(4)	-1.10(10-II-4)	-177148(4)	-16852(13-II-2)	6148(11-I-4)
150	16	-6.66(8)	-0.54(4)	-1.00(1)	-179979(4)	-14299(13-II-2)	-7357(13-II-4)
151	1	-6.33(4)	-0.80(4)	-1.26(10-II-4)	-182999(4)	-21187(4)	7235(11-I-4)
151	2	-6.31(4)	-0.73(4)	-1.18(10-II-4)	-182835(4)	-20510(4)	6783(11-I-4)
151	3	-6.35(8)	-0.69(4)	-1.11(10-II-4)	-183728(4)	-19301(4)	6223(11-I-4)
151	4	-6.55(8)	-0.65(4)	-1.04(1)	-186668(4)	-17115(11-II-2)	-9023(13-II-1)
151	5	-6.21(4)	-0.83(4)	-1.26(10-II-4)	-193838(4)	-23793(4)	7614(4)
151	6	-6.20(4)	-0.79(4)	-1.17(10-II-4)	-193332(4)	-23645(4)	6992(11-I-4)
151	7	-6.19(8)	-0.77(4)	-1.10(10-II-4)	-193629(4)	-23181(11-II-2)	6506(11-I-4)
151	8	-6.35(8)	-0.78(4)	-1.04(11-I-4)	-196019(4)	-21705(11-II-2)	-10460(13-II-1)
151	9	-6.16(4)	-0.82(4)	-1.24(10-II-1)	-205938(4)	-25552(4)	8324(4)
151	10	-6.09(4)	-0.84(4)	-1.15(10-II-4)	-204868(4)	-25984(4)	7438(11-I-4)
151	11	-6.06(4)	-0.84(4)	-1.06(10-II-4)	-204507(4)	-26260(11-II-2)	7129(11-I-4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
151	12	-6.17(8)	-0.83(4)	-1.00(10-II-4)	-205675(4)	-25424(11-II-2)	-8265(13-II-4)
151	13	-6.14(4)	-0.75(4)	-1.20(10-II-1)	-220743(4)	-26173(11-II-2)	9267(4)
151	14	-5.98(4)	-0.91(4)	-1.05(10-II-4)	-218729(4)	-26531(11-II-2)	9044(4)
151	15	-5.95(4)	-0.92(12-II-2)	-1.01(10-II-4)	-218775(4)	-26454(11-II-2)	8552(11-I-4)
151	16	-6.10(8)	-0.88(12-II-2)	-1.01(2)	-219497(4)	-25138(11-II-2)	8182(11-I-4)
152	1	-2.46(11-II-3)	-1.22(4)	-0.75(10-II-1)	-209429(4)	-27796(4)	31302(4)
152	2	-2.51(11-II-3)	-0.96(4)	-0.82(10-II-1)	-211075(4)	-28642(4)	32282(4)
152	3	-2.54(11-II-3)	-0.90(4)	-0.87(10-II-1)	-210484(4)	-29377(4)	33134(4)
152	4	-2.56(11-II-3)	-0.89(4)	-0.88(10-II-1)	-208869(4)	-29882(4)	33692(4)
152	5	-2.34(11-II-3)	0.58(10-II-4)	-0.85(10-II-3)	-60266(13-II-1)	6387(13-I-2)	24560(4)
152	6	-2.34(11-II-3)	0.53(10-II-4)	-0.85(10-II-3)	-59374(13-II-1)	6169(13-I-2)	27718(4)
152	7	-2.35(11-II-3)	0.48(11-I-4)	-0.83(10-II-3)	-58873(13-II-1)	-6686(5)	29500(4)
152	8	-2.35(11-II-3)	0.43(11-I-4)	-0.83(10-II-3)	-58545(13-II-1)	-7462(5)	30729(4)
152	9	-2.40(4)	0.99(2)	-0.67(10-II-3)	91372(13-I-4)	22444(8)	21049(4)
152	10	-2.36(4)	0.93(2)	-0.66(10-II-3)	92195(13-I-4)	21216(8)	21983(4)
152	11	-2.33(4)	0.90(2)	0.65(12-I-3)	92632(13-I-4)	20098(8)	22795(4)
152	12	-2.28(4)	0.85(2)	0.65(12-I-3)	92863(13-I-4)	18898(8)	23513(4)
152	13	-2.46(4)	1.58(4)	0.61(12-I-3)	201235(4)	46473(4)	-13168(10-I-3)
152	14	-2.44(4)	1.55(4)	0.62(12-I-3)	199552(4)	42773(4)	-13819(10-I-3)
152	15	-2.39(4)	1.53(4)	0.62(12-I-3)	197589(4)	39483(8)	-13949(10-I-3)
152	16	-2.35(4)	1.49(4)	0.62(12-I-3)	195573(4)	37422(8)	-13872(10-I-3)
153	1	-26.26(4)	0.33(13-II-4)	0.74(12-II-3)	-108179(4)	-1542(11-I-4)	12126(2)
153	2	-25.91(2)	-0.38(11-I-4)	0.92(12-II-3)	-109432(4)	-2841(11-I-4)	10881(2)
153	3	-25.16(2)	-0.60(11-I-4)	1.21(13-II-4)	-110898(2)	-3142(11-I-4)	9006(13-II-4)
153	4	-24.77(2)	-0.41(11-I-4)	-0.89(11-I-4)	-110757(2)	-898(10-II-1)	-2557(11-I-4)
153	5	-25.39(2)	-0.26(11-I-4)	0.95(13-II-4)	-111265(2)	1155(13-II-4)	-4634(2)
153	6	-25.65(4)	-0.16(11-I-4)	-0.82(11-I-4)	-111317(4)	1389(13-II-4)	-8091(2)
153	7	-25.47(4)	-0.15(11-I-4)	-0.83(11-I-4)	-109649(4)	1514(2)	-11094(2)
153	8	-24.66(4)	-0.24(11-I-4)	-1.06(11-I-4)	-105544(4)	751(12-II-3)	-13747(2)
153	9	-23.32(4)	-0.15(10-I-3)	-1.58(4)	-94757(4)	669(12-II-3)	-7153(4)
153	10	-25.25(4)	0.34(12-II-3)	-1.00(10-I-3)	-101584(4)	792(12-II-3)	8129(12-II-3)
153	11	-26.08(4)	0.33(2)	-0.70(10-I-3)	-105512(4)	1067(13-II-4)	11363(2)
154	1	-24.48(2)	-2.03(11-I-4)	-4.77(4)	-107595(2)	-6774(10-II-1)	-21148(2)
154	2	-24.85(2)	-1.90(11-I-4)	-4.25(4)	-109092(2)	-9295(11-I-4)	-16960(4)
154	3	-24.81(4)	-1.86(11-I-4)	-4.79(4)	-109524(2)	-5922(10-II-1)	-24096(2)
154	4	-25.29(4)	-1.60(11-I-4)	-4.55(4)	-111110(4)	-9769(11-I-4)	-16212(4)
154	5	-24.81(4)	-1.65(11-I-4)	-4.76(4)	-110173(4)	-5653(5)	-27421(4)
154	6	-25.41(4)	-1.39(11-I-4)	-4.89(4)	-111786(4)	-8295(11-I-4)	-16121(11-I-4)
154	7	-24.32(4)	-1.46(11-I-4)	-4.69(4)	-108934(4)	-6872(4)	-31272(4)
154	8	-25.13(4)	-1.21(11-I-4)	-5.19(4)	-110403(4)	-6373(11-I-4)	-15302(11-I-4)
154	9	-23.37(4)	-1.35(11-I-4)	-4.73(4)	-103666(4)	-9914(4)	-35178(4)
154	10	-24.54(4)	-1.09(10-I-3)	-5.36(4)	-105053(4)	8342(12-II-3)	-14354(11-I-4)
154	11	-22.73(4)	-1.51(11-I-4)	-5.75(4)	-81393(4)	-8581(4)	-30306(4)
154	12	-24.02(4)	-1.19(10-I-3)	-5.00(4)	-85840(4)	9038(12-II-3)	-15309(11-I-4)
155	1	-24.94(4)	-2.28(11-I-4)	-4.48(4)	-107222(2)	-8470(11-I-4)	-19389(4)
155	2	-25.07(4)	-2.18(11-I-4)	-4.22(4)	-107541(2)	-9859(11-I-4)	-17569(4)
155	3	-25.37(4)	-2.08(11-I-4)	-4.50(4)	-109608(4)	-7595(11-I-4)	-21108(4)
155	4	-25.44(4)	-1.97(11-I-4)	-4.35(4)	-110070(4)	-9868(11-I-4)	-16867(4)
155	5	-25.45(4)	-1.81(11-I-4)	-4.38(4)	-110325(4)	-6829(11-I-4)	-22941(4)
155	6	-25.51(4)	-1.72(11-I-4)	-4.45(4)	-110479(4)	-8526(11-I-4)	-15821(11-I-4)
155	7	-25.11(4)	-1.50(11-I-4)	-4.13(4)	-109254(4)	-5881(11-I-4)	-24613(4)
155	8	-25.15(4)	-1.43(11-I-4)	-4.45(4)	-109058(4)	-6969(11-I-4)	-14982(11-I-4)
155	9	-24.28(4)	-1.27(10-I-3)	-3.75(11-I-4)	-105647(4)	-5213(10-I-3)	-25552(4)
155	10	-24.34(4)	-1.20(10-I-3)	-4.33(4)	-104950(4)	6360(12-II-3)	-14361(10-I-3)
155	11	-23.51(4)	1.48(12-II-3)	-3.86(13-I-4)	-93423(4)	-5252(10-I-3)	-20608(4)
155	12	-23.40(4)	1.34(12-II-3)	-3.75(10-I-3)	-92467(4)	8710(12-II-3)	-14803(10-I-3)
156	1	-25.12(4)	-2.31(11-I-4)	-3.83(4)	-108227(4)	-8484(11-I-4)	-16921(4)
156	2	-25.13(4)	-2.21(11-I-4)	-3.58(4)	-108548(4)	-9738(11-I-4)	-14658(4)
156	3	-25.41(4)	-2.14(11-I-4)	-3.67(4)	-110908(4)	-7803(11-I-4)	-18370(4)
156	4	-25.32(4)	-2.01(11-I-4)	-3.62(4)	-111270(4)	-9987(11-I-4)	-13900(11-I-4)
156	5	-25.34(4)	-1.89(11-I-4)	-3.35(4)	-111429(4)	-7196(11-I-4)	-19871(4)
156	6	-25.13(4)	-1.80(11-I-4)	-3.65(4)	-111728(4)	-8978(11-I-4)	-13308(11-I-4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
156	7	-24.87(4)	-1.56(11-I-4)	-3.33(10-I-3)	-109613(4)	-6411(11-I-4)	-20957(4)
156	8	-24.52(4)	-1.55(11-I-4)	-3.58(4)	-109687(4)	-7527(11-I-4)	-13569(10-I-3)
156	9	-24.06(4)	-1.28(10-I-3)	-3.42(10-I-3)	-103532(4)	-5511(11-I-4)	-20394(4)
156	10	-23.57(4)	-1.27(11-I-4)	-3.80(10-I-3)	-102771(4)	7345(12-II-3)	-13843(10-I-3)
156	11	-23.26(4)	1.63(12-II-3)	-3.55(10-I-3)	-86495(4)	5667(12-II-3)	-16795(10-I-3)
156	12	-22.57(4)	1.33(12-II-3)	-3.81(10-I-3)	-84178(4)	9360(12-II-3)	-15059(10-I-3)
157	1	-25.57(4)	-1.88(11-I-4)	-1.18(10-I-3)	-110802(4)	-7603(11-I-4)	-4044(10-I-3)
157	2	-25.46(4)	-1.92(11-I-4)	-1.00(10-I-3)	-110407(4)	-7384(13-I-4)	4292(12-II-3)
157	3	-25.70(4)	-1.69(11-I-4)	-1.44(10-I-3)	-112619(4)	-7727(11-I-4)	-6616(11-II-2)
157	4	-25.53(4)	-1.79(11-I-4)	-1.31(10-I-3)	-111683(4)	-7401(13-I-4)	7753(12-II-3)
157	5	-25.42(4)	-1.51(11-I-4)	1.86(12-II-3)	-111880(4)	-7096(11-I-4)	-8138(10-I-3)
157	6	-25.18(4)	-1.62(11-I-4)	-1.71(10-I-3)	-110365(4)	-6881(13-I-4)	11077(12-II-3)
157	7	-24.66(4)	-1.28(11-I-4)	2.50(12-II-3)	-108548(4)	-6097(11-I-4)	-10374(10-I-3)
157	8	-24.34(4)	-1.40(11-I-4)	-2.11(10-I-3)	-106405(4)	-6033(13-I-4)	14599(12-II-3)
157	9	-23.41(4)	-1.00(11-I-4)	3.10(12-II-3)	-101104(4)	-4844(11-I-4)	-12267(10-I-3)
157	10	-23.04(4)	-1.13(11-I-4)	-2.45(10-I-3)	-98418(4)	-4813(13-I-4)	17532(12-II-3)
157	11	-22.12(4)	1.17(13-II-4)	3.37(12-II-3)	-82907(4)	6160(13-II-4)	-12439(10-I-3)
157	12	-21.57(4)	1.10(13-II-4)	3.12(12-II-3)	-81601(13-I-3)	6070(13-II-4)	17250(12-II-3)
158	1	-25.19(4)	-1.59(11-I-4)	-1.93(10-I-3)	-107255(4)	-6820(11-I-4)	7991(12-II-3)
158	2	-25.57(4)	-1.78(11-I-4)	-1.58(10-I-3)	-109142(4)	-7459(13-I-4)	-6884(10-I-3)
158	3	-25.50(4)	-1.88(13-I-4)	-1.22(10-I-3)	-108908(4)	-7738(13-I-4)	-5382(10-I-3)
158	4	-25.53(4)	-1.87(13-I-4)	-1.26(10-I-3)	-109113(4)	-8051(11-I-4)	-5129(10-I-3)
158	5	-25.61(4)	-1.79(11-I-4)	-1.61(10-I-3)	-109524(4)	-7940(11-I-4)	-6791(10-I-3)
158	6	-25.23(4)	-1.66(11-I-4)	-1.89(10-I-3)	-107765(4)	-7085(11-I-4)	-8528(10-I-3)
158	7	-24.33(4)	-1.50(11-I-4)	-2.18(10-I-3)	-103798(4)	-6161(11-I-4)	-10015(10-I-3)
158	8	-22.84(4)	-1.32(11-I-4)	2.64(12-II-3)	-97295(4)	-5105(11-I-4)	-11183(10-I-3)
158	9	-20.62(4)	1.05(13-II-4)	2.85(12-II-3)	-87608(4)	4540(13-II-4)	12966(12-II-3)
158	10	-22.75(4)	-1.06(11-I-4)	2.59(12-II-3)	-96829(4)	-5060(11-I-4)	12128(12-II-3)
158	11	-24.27(4)	-1.36(11-I-4)	-2.25(10-I-3)	-103275(4)	-6078(11-I-4)	10140(12-II-3)
159	1	-25.06(4)	-2.04(11-I-4)	-2.33(10-I-3)	-108874(4)	-8400(11-I-4)	-10880(4)
159	2	-24.95(4)	-2.00(11-I-4)	-2.27(10-I-3)	-108402(4)	-8696(10-I-3)	-9102(10-I-3)
159	3	-25.05(4)	-1.93(11-I-4)	-2.62(10-I-3)	-109795(4)	-8809(11-I-4)	-12247(11-II-2)
159	4	-24.91(4)	-1.92(11-I-4)	-2.65(10-I-3)	-108936(4)	-9660(10-I-3)	-10911(10-I-3)
159	5	-24.62(4)	-1.79(11-I-4)	-2.86(10-I-3)	-108347(4)	-8449(11-I-4)	-14339(10-I-3)
159	6	-24.43(4)	-1.82(11-I-4)	-3.10(10-I-3)	-107170(4)	-8964(10-I-3)	-11417(10-I-3)
159	7	-23.73(4)	-1.59(11-I-4)	-3.04(10-I-3)	-104494(4)	-7732(11-I-4)	-16696(10-I-3)
159	8	-23.47(4)	-1.66(11-I-4)	-3.51(10-I-3)	-102940(4)	-8088(10-I-3)	-11626(10-I-3)
159	9	-22.40(4)	-1.36(10-I-3)	-3.20(10-I-3)	-96738(4)	-6706(11-I-4)	-18467(10-I-3)
159	10	-22.09(4)	-1.44(11-I-4)	-3.82(10-I-3)	-94783(4)	-6842(10-I-3)	-11924(10-I-3)
159	11	-21.04(4)	1.27(12-II-3)	-3.50(10-I-3)	-80806(13-I-3)	5148(13-II-4)	-17770(10-I-3)
159	12	-20.63(4)	-1.15(11-I-4)	-3.84(10-I-3)	-79919(13-I-3)	6413(12-II-3)	-14275(10-I-3)
160	1	-24.99(4)	-1.88(13-I-4)	-2.21(10-I-3)	-107326(4)	-8018(11-I-4)	-9199(10-I-3)
160	2	-24.91(4)	-1.89(13-I-4)	-2.18(10-I-3)	-106947(4)	-8438(10-I-3)	-9170(10-I-3)
160	3	-24.91(4)	-1.84(13-I-4)	-2.55(10-I-3)	-107432(4)	-8320(11-I-4)	-11446(10-I-3)
160	4	-24.83(4)	-1.85(13-I-4)	-2.56(10-I-3)	-106914(4)	-8751(10-I-3)	-10515(10-I-3)
160	5	-24.40(4)	-1.73(13-I-4)	-2.81(10-I-3)	-105329(4)	-7883(11-I-4)	-13728(10-I-3)
160	6	-24.29(4)	-1.76(13-I-4)	-2.96(10-I-3)	-104673(4)	-8089(10-I-3)	-11010(10-I-3)
160	7	-23.37(4)	-1.58(11-I-4)	-3.03(10-I-3)	-101029(4)	-7277(11-I-4)	-15981(10-I-3)
160	8	-23.23(4)	-1.63(13-I-4)	-3.33(10-I-3)	-100218(4)	-7405(10-I-3)	-11295(10-I-3)
160	9	-21.73(4)	-1.39(11-I-4)	-3.18(10-I-3)	-94082(4)	-6513(11-I-4)	-17909(10-I-3)
160	10	-21.57(4)	-1.45(13-I-4)	-3.66(10-I-3)	-93116(4)	-6596(10-I-3)	11738(12-II-3)
160	11	-19.88(4)	-1.18(10-I-3)	-3.47(10-I-3)	-80282(13-I-3)	-4995(11-I-4)	-17450(10-I-3)
160	12	-19.67(4)	-1.21(13-I-4)	-3.69(10-I-3)	-79765(13-I-3)	-4930(10-I-3)	-13340(10-I-3)
161	1	-24.69(4)	-1.95(10-I-3)	-2.16(10-I-3)	-107571(4)	-7990(4)	-8814(10-I-3)
161	2	-24.51(4)	-1.79(13-I-4)	-2.14(10-I-3)	-106739(4)	-9456(10-I-3)	-8326(10-I-3)
161	3	-24.53(4)	-1.95(10-I-3)	-2.40(10-I-3)	-107687(4)	-8437(13-I-4)	-11531(10-I-3)
161	4	-24.34(4)	-1.78(13-I-4)	-2.52(10-I-3)	-106551(4)	-10367(10-I-3)	-9735(10-I-3)
161	5	-23.94(4)	-1.84(10-I-3)	-2.62(10-I-3)	-105411(4)	-8326(13-I-4)	-14072(10-I-3)
161	6	-23.71(4)	-1.75(13-I-4)	-2.97(10-I-3)	-104091(4)	-9700(10-I-3)	-10016(10-I-3)
161	7	-22.85(4)	-1.68(10-I-3)	-2.79(10-I-3)	-100623(4)	-7902(13-I-4)	-16584(10-I-3)
161	8	-22.59(4)	-1.68(13-I-4)	-3.39(10-I-3)	-99133(4)	-8817(10-I-3)	-10118(10-I-3)
161	9	-21.32(4)	-1.48(10-I-3)	-2.95(10-I-3)	-91869(4)	-7170(13-I-4)	-18400(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
161	10	-21.02(4)	-1.57(13-I-4)	-3.72(10-I-3)	-90147(4)	-7615(10-I-3)	12934(12-II-3)
161	11	-19.73(4)	-1.29(13-I-4)	-3.27(10-I-3)	-78246(13-I-3)	-5640(13-I-4)	-17346(10-I-3)
161	12	-19.35(4)	-1.42(13-I-4)	-3.70(10-I-3)	-77212(13-I-3)	-5405(13-I-4)	13423(12-II-3)
162	1	-24.38(4)	-2.02(10-I-3)	-2.05(10-I-3)	-106328(4)	-7843(4)	-8509(10-I-3)
162	2	-24.25(4)	-1.83(10-I-3)	-2.04(10-I-3)	-105682(4)	-9395(10-I-3)	-7880(10-I-3)
162	3	-24.14(4)	-2.01(10-I-3)	-2.30(10-I-3)	-106068(4)	-8081(13-I-4)	-11317(10-I-3)
162	4	-24.02(4)	-1.70(10-I-3)	-2.45(10-I-3)	-105115(4)	-10157(10-I-3)	-9162(10-I-3)
162	5	-23.47(4)	-1.90(10-I-3)	-2.51(10-I-3)	-103418(4)	-8186(13-I-4)	-13970(10-I-3)
162	6	-23.32(4)	-1.62(13-I-4)	-2.93(10-I-3)	-102337(4)	-9563(10-I-3)	-9413(10-I-3)
162	7	-22.31(4)	-1.74(10-I-3)	-2.69(10-I-3)	-98278(4)	-8036(13-I-4)	-16595(10-I-3)
162	8	-22.12(4)	-1.60(13-I-4)	-3.37(10-I-3)	-97033(4)	-8780(10-I-3)	10096(12-II-3)
162	9	-20.69(4)	-1.55(10-I-3)	-2.87(10-I-3)	-89133(4)	-7629(13-I-4)	-18554(10-I-3)
162	10	-20.48(4)	-1.53(13-I-4)	-3.72(10-I-3)	-87797(4)	-7606(10-I-3)	12566(12-II-3)
162	11	-19.01(4)	-1.39(13-I-4)	-3.27(10-I-3)	-76700(13-I-3)	-6331(13-I-4)	-17620(10-I-3)
162	12	-18.77(4)	-1.44(13-I-4)	-3.74(10-I-3)	-76096(13-I-3)	-5232(12-I-3)	-13057(10-I-3)
163	1	-24.28(4)	-1.95(10-I-3)	-1.95(10-I-3)	-104492(4)	-7428(10-I-3)	-8342(10-I-3)
163	2	-24.21(4)	-1.80(10-I-3)	-1.95(10-I-3)	-104064(4)	-8639(10-I-3)	-7969(10-I-3)
163	3	-24.02(4)	-1.89(10-I-3)	-2.25(10-I-3)	-103742(4)	-6907(13-I-4)	-10746(10-I-3)
163	4	-23.95(4)	-1.75(10-I-3)	-2.34(10-I-3)	-103222(4)	-8879(10-I-3)	-8956(10-I-3)
163	5	-23.30(4)	-1.80(10-I-3)	-2.50(10-I-3)	-100746(4)	-6904(13-I-4)	-13221(10-I-3)
163	6	-23.22(4)	-1.65(10-I-3)	-2.75(10-I-3)	-100173(4)	-8328(10-I-3)	-9259(10-I-3)
163	7	-22.05(4)	-1.66(10-I-3)	-2.72(10-I-3)	-95507(4)	-6842(13-I-4)	-15721(10-I-3)
163	8	-21.96(4)	-1.53(10-I-3)	-3.14(10-I-3)	-94891(4)	-7710(10-I-3)	-9374(10-I-3)
163	9	-20.23(4)	-1.50(10-I-3)	-2.88(10-I-3)	-87585(4)	-6705(13-I-4)	-17916(10-I-3)
163	10	-20.13(4)	-1.40(13-I-4)	-3.51(10-I-3)	-86950(4)	-6947(10-I-3)	11783(12-II-3)
163	11	-18.22(13-I-3)	-1.30(13-I-4)	-3.27(10-I-3)	-76620(13-I-3)	-5853(13-I-4)	-17285(10-I-3)
163	12	-18.16(13-I-3)	-1.33(13-I-4)	-3.55(10-I-3)	-76262(13-I-3)	-5172(12-I-3)	12228(12-II-3)
164	1	-23.99(4)	-1.91(10-I-3)	-1.88(10-I-3)	-104707(4)	-7181(10-I-2)	-8118(10-I-3)
164	2	-23.85(4)	-1.70(10-I-3)	-1.90(10-I-3)	-103960(4)	-8467(10-I-3)	-7314(10-I-3)
164	3	-23.68(4)	-1.90(10-I-3)	-2.11(10-I-3)	-104079(4)	-6746(4)	-10845(10-I-3)
164	4	-23.56(4)	-1.61(10-I-3)	-2.32(10-I-3)	-103110(4)	-9032(10-I-3)	-8190(10-I-3)
164	5	-22.93(4)	-1.80(10-I-3)	-2.29(10-I-3)	-101034(4)	-6959(13-I-4)	-13572(10-I-3)
164	6	-22.78(4)	-1.53(10-I-3)	-2.79(10-I-3)	-100027(4)	-8592(10-I-3)	-8256(10-I-3)
164	7	-21.68(4)	-1.67(10-I-3)	-2.45(10-I-3)	-95498(4)	-7004(13-I-4)	-16282(10-I-3)
164	8	-21.52(4)	-1.43(10-I-2)	-3.23(10-I-3)	-94459(4)	-7938(10-I-3)	9433(12-II-3)
164	9	-20.00(4)	-1.48(10-I-3)	-2.61(10-I-3)	-86121(4)	-6814(13-I-4)	-18254(10-I-3)
164	10	-19.83(4)	-1.29(12-I-2)	-3.57(10-I-3)	-85030(4)	-6929(10-I-3)	11501(12-II-3)
164	11	-18.29(4)	-1.29(12-I-3)	-3.03(10-I-3)	-75306(13-I-3)	-5710(13-I-4)	-16877(10-I-3)
164	12	-18.08(4)	-1.24(13-I-4)	-3.52(10-I-3)	-74643(13-I-3)	-4792(12-I-3)	11673(12-II-3)
165	1	-23.73(4)	-1.67(10-I-3)	-1.77(10-I-3)	-103777(4)	-6693(10-I-2)	-7947(10-I-3)
165	2	-23.63(4)	-1.41(10-I-3)	-1.78(10-I-3)	-103182(4)	-6797(10-I-3)	-6828(10-I-3)
165	3	-23.40(4)	-1.65(10-I-3)	-1.99(10-I-3)	-102980(4)	-6291(10-I-2)	-10780(10-I-3)
165	4	-23.33(4)	-1.35(10-I-2)	-2.23(10-I-3)	-102222(4)	-7087(10-I-3)	-7394(10-I-3)
165	5	-22.62(4)	-1.57(10-I-3)	-2.18(10-I-3)	-99798(4)	-6105(10-I-2)	-13696(10-I-3)
165	6	-22.53(4)	-1.29(10-I-2)	-2.71(10-I-3)	-99029(4)	-6783(10-I-3)	-7355(10-I-3)
165	7	-21.35(4)	-1.47(10-I-3)	-2.33(10-I-3)	-94063(4)	-6006(13-I-4)	-16512(10-I-3)
165	8	-21.25(4)	-1.23(10-I-2)	-3.17(10-I-3)	-93258(4)	-6356(10-I-3)	8526(12-II-3)
165	9	-19.63(4)	-1.34(10-I-3)	-2.49(10-I-3)	-84390(4)	-5981(13-I-4)	-18414(10-I-3)
165	10	-19.51(4)	-1.15(10-I-2)	-3.52(10-I-3)	-83501(4)	-5725(10-I-3)	10260(12-II-3)
165	11	-17.90(4)	-1.21(12-I-2)	-2.94(10-I-3)	-74400(13-I-3)	-4972(13-I-4)	-16764(10-I-3)
165	12	-17.77(13-I-3)	-1.08(12-I-2)	-3.42(10-I-3)	-73838(13-I-3)	-3998(12-I-2)	-10721(10-I-3)
166	1	-0.98(10-I-2)	-17.84(4)	2.76(10-I-3)	-3956(13-I-4)	-73300(13-I-3)	16358(10-I-3)
166	2	-0.94(10-I-3)	-19.47(4)	2.21(10-I-3)	-4952(13-I-4)	-82405(4)	18866(10-I-3)
166	3	-1.00(10-I-3)	-21.07(4)	1.99(10-I-3)	-5120(10-I-2)	-93611(4)	17152(10-I-3)
166	4	-1.06(10-I-3)	-22.30(4)	1.84(10-I-3)	-5480(10-I-2)	-99869(4)	14209(10-I-3)
166	5	-1.12(10-I-3)	-23.07(4)	1.70(10-I-3)	-5676(10-I-2)	-103256(4)	11144(11-II-2)
166	6	-1.16(10-I-3)	-23.40(4)	1.53(10-I-3)	-5588(10-I-3)	-104305(4)	7857(10-I-3)
166	7	-0.69(10-I-2)	-17.81(4)	3.34(10-I-3)	-1253(12-I-1)	-73159(13-I-3)	9952(10-I-3)
166	8	-0.62(10-I-2)	-19.46(4)	3.40(10-I-3)	-2190(10-I-3)	-81905(4)	-7366(12-II-3)
166	9	-0.64(10-I-2)	-21.05(4)	3.05(10-I-3)	-2664(10-I-3)	-93034(4)	-6297(12-II-3)
166	10	-0.67(10-I-2)	-22.29(4)	2.56(10-I-3)	-2940(10-I-3)	-99288(4)	4961(10-I-3)
166	11	-0.70(10-I-2)	-23.07(4)	2.02(10-I-3)	-3058(10-I-3)	-102694(4)	5229(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
166	12	-0.71(10-I-2)	-23.38(4)	1.47(10-I-3)	-3247(10-I-3)	-104040(4)	5345(10-I-3)
167	1	-16.81(4)	-1.01(10-I-3)	-1.84(10-II-1)	-61761(13-II-2)	-3502(13-II-2)	7650(12-I-1)
167	2	-16.84(4)	-0.68(10-I-2)	1.61(12-I-1)	-62282(13-II-2)	1713(13-I-2)	-7170(10-II-1)
167	3	-18.52(4)	-0.98(10-I-3)	-1.88(10-II-1)	-78186(4)	-4439(13-II-2)	10074(12-I-1)
167	4	-18.55(4)	-0.60(10-I-2)	1.68(12-I-1)	-77855(4)	-2335(10-I-3)	-9425(11-I-4)
167	5	-20.24(4)	-1.03(10-I-3)	-1.68(10-II-1)	-89617(4)	-5019(8)	8554(12-I-1)
167	6	-20.26(4)	-0.63(10-I-3)	1.35(12-I-1)	-89176(4)	-2730(10-I-3)	-10062(11-I-4)
167	7	-21.65(4)	-1.09(10-I-3)	-1.60(11-I-4)	-96704(4)	-5490(10-I-2)	7827(13-I-2)
167	8	-21.67(4)	-0.68(10-I-3)	1.11(13-I-2)	-96227(4)	-2946(10-I-3)	-9377(11-I-4)
167	9	-22.65(4)	-1.13(10-I-3)	-1.42(11-I-4)	-101257(4)	-5769(10-I-2)	6224(13-I-2)
167	10	-22.67(4)	-0.72(10-I-3)	-0.98(11-II-2)	-100757(4)	-3083(10-I-3)	-7819(11-I-4)
167	11	-23.24(4)	-1.16(10-I-3)	-1.39(10-I-3)	-103754(4)	-5731(10-I-2)	-5182(11-II-2)
167	12	-23.23(4)	-0.72(10-I-3)	-1.11(11-II-2)	-103482(4)	-3321(10-I-3)	-5375(10-I-3)
168	1	-13.87(2)	-3.06(2)	-4.25(2)	-47868(2)	-9511(10-II-1)	-11908(2)
168	2	-14.53(2)	-2.76(2)	-3.22(2)	-51139(2)	-13150(2)	-17985(2)
168	3	-15.84(2)	-3.09(2)	-5.17(2)	-67371(2)	-9501(10-II-1)	-11877(2)
168	4	-16.44(2)	-2.59(2)	-3.36(2)	-71339(2)	-16134(2)	-24488(2)
168	5	-17.87(2)	-3.00(2)	-5.70(2)	-78332(2)	-9416(10-II-1)	-15609(2)
168	6	-18.51(2)	-2.50(2)	-4.01(2)	-82297(2)	-15813(2)	-25775(2)
168	7	-19.60(2)	-2.83(2)	-6.10(2)	-86262(2)	-8956(10-II-1)	-20217(2)
168	8	-20.29(2)	-2.37(10-II-1)	-4.70(2)	-90242(2)	-14780(5)	-26104(2)
168	9	-20.97(2)	-2.62(2)	-6.47(2)	-92246(2)	-8578(10-II-1)	-24804(2)
168	10	-21.74(2)	-2.19(10-II-1)	-5.36(2)	-96300(2)	-13979(11-I-4)	-26047(2)
168	11	-22.00(2)	-2.45(5)	-6.86(2)	-95263(2)	-9384(2)	-28921(2)
168	12	-22.92(2)	-2.07(5)	-5.90(2)	-99558(2)	-12112(11-I-4)	-26463(4)
169	1	-15.14(2)	-3.01(2)	-3.69(2)	-52719(2)	-9828(10-II-1)	-10463(12-II-1)
169	2	-15.64(2)	-2.71(2)	-2.72(10-II-1)	-54986(2)	-11769(2)	-16270(2)
169	3	-17.12(2)	-3.06(2)	-4.52(2)	-72942(2)	-10763(10-II-1)	-8913(12-II-1)
169	4	-17.55(2)	-2.66(2)	-2.70(2)	-75238(2)	-14482(2)	-22269(2)
169	5	-19.16(2)	-2.99(2)	-4.89(2)	-83960(2)	-10894(10-II-1)	-11390(2)
169	6	-19.60(2)	-2.63(2)	-3.16(2)	-86220(2)	-14581(2)	-22968(2)
169	7	-20.93(2)	-2.82(2)	-5.12(2)	-91866(2)	-10515(10-II-1)	-14953(2)
169	8	-21.35(2)	-2.49(2)	-3.67(2)	-94126(2)	-14017(4)	-22648(2)
169	9	-22.36(2)	-2.56(1)	-5.28(2)	-98097(2)	-9815(10-II-1)	-18361(2)
169	10	-22.75(2)	-2.27(2)	-4.14(2)	-100270(2)	-13208(11-I-4)	-22190(4)
169	11	-23.40(2)	-2.34(11-I-4)	-5.36(2)	-103058(2)	-8977(11-I-4)	-21838(2)
169	12	-23.82(2)	-2.13(11-I-4)	-4.55(2)	-104956(2)	-12137(11-I-4)	-21669(4)
170	1	-15.69(2)	-2.64(2)	-3.10(10-II-1)	-61012(2)	-9907(2)	-9336(10-II-1)
170	2	-15.88(2)	-2.52(2)	-2.69(10-II-1)	-61603(2)	-10600(2)	-15707(2)
170	3	-17.93(2)	-2.75(2)	-3.63(2)	-77425(2)	-10827(2)	-7489(10-II-1)
170	4	-18.11(2)	-2.62(2)	-2.51(10-II-1)	-77873(2)	-12268(2)	-19639(2)
170	5	-20.13(2)	-2.70(2)	-3.75(2)	-87031(2)	-10680(2)	-8644(10-II-1)
170	6	-20.30(2)	-2.58(2)	-2.74(2)	-87529(2)	-12101(2)	-19278(2)
170	7	-21.91(2)	-2.54(2)	-3.87(2)	-94632(2)	-10082(10-II-1)	-10922(2)
170	8	-22.06(2)	-2.44(2)	-3.03(2)	-95155(2)	-11529(4)	-18538(2)
170	9	-23.31(2)	-2.31(1)	-3.93(2)	-100644(2)	-9457(10-II-1)	-13202(2)
170	10	-23.43(2)	-2.21(2)	-3.28(2)	-101135(2)	-10761(11-I-4)	-17937(4)
170	11	-24.31(2)	-2.23(11-I-4)	-3.96(4)	-105440(2)	-9104(11-I-4)	-15513(2)
170	12	-24.41(2)	-2.10(11-I-4)	-3.52(4)	-105997(4)	-10461(11-I-4)	-16809(4)
171	1	-16.53(2)	-2.39(2)	-2.98(10-II-1)	-58816(2)	-8765(2)	-9200(10-II-1)
171	2	-16.64(2)	-2.33(2)	-2.32(10-II-1)	-59837(2)	-8489(2)	-14582(10-II-1)
171	3	-18.47(2)	-2.43(2)	-3.23(10-II-1)	-79079(2)	-10611(2)	7244(12-I-1)
171	4	-18.57(2)	-2.42(2)	-1.98(10-II-1)	-80755(2)	-10392(4)	-17169(2)
171	5	-20.50(2)	-2.44(2)	-3.19(2)	-89852(2)	-10838(2)	-5896(10-II-1)
171	6	-20.56(2)	-2.42(2)	-1.94(10-II-1)	-91156(2)	-10912(4)	-16401(2)
171	7	-22.24(2)	-2.33(1)	-3.10(2)	-97367(2)	-10218(2)	-6765(10-II-1)
171	8	-22.26(2)	-2.31(2)	-1.95(10-II-1)	-98233(2)	-10740(4)	-15129(4)
171	9	-23.59(2)	-2.16(11-I-4)	-2.99(4)	-103016(2)	-9509(10-II-1)	-8204(2)
171	10	-23.60(2)	-2.12(1)	-2.07(5)	-103632(4)	-10096(4)	-13687(4)
171	11	-24.54(2)	-2.10(11-I-4)	-2.84(4)	-108038(4)	-9258(11-I-4)	-10311(5)
171	12	-24.60(4)	-2.03(11-I-4)	-2.28(5)	-108589(4)	-10073(11-I-4)	-11760(4)
172	1	-22.22(4)	-2.43(2)	-2.21(2)	-97355(4)	-11039(4)	-16868(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
172	2	-20.37(2)	-2.44(2)	-2.09(10-II-1)	-89379(2)	-10921(4)	-18257(2)
172	3	-18.37(2)	-2.47(2)	-2.15(10-II-1)	-80562(2)	-10632(4)	-19362(2)
172	4	-16.53(2)	-2.26(2)	-2.35(10-II-1)	-61791(2)	-8140(2)	-16672(10-II-1)
172	5	-17.08(2)	-2.50(2)	-2.67(10-II-1)	-51227(13-II-1)	-8182(2)	-13958(10-II-1)
172	6	-17.00(2)	-2.54(2)	-2.93(10-II-1)	-50609(13-II-1)	-8588(2)	-11623(10-II-1)
172	7	-16.27(2)	-2.44(2)	-3.30(10-II-1)	-61155(2)	-9185(2)	-8220(10-II-1)
172	8	-18.17(2)	-2.62(2)	-3.58(2)	-80450(2)	-11177(2)	7445(12-I-1)
172	9	-20.25(2)	-2.54(2)	-3.62(2)	-89599(2)	-11462(2)	-6863(10-II-1)
172	10	-22.06(2)	-2.54(4)	-3.49(2)	-97208(2)	-11511(2)	-7962(2)
172	11	-23.40(4)	-2.40(4)	-3.43(4)	-103095(4)	-10979(2)	-10081(2)
172	12	-24.34(4)	-2.25(11-I-4)	-3.30(4)	-108187(4)	-10370(11-I-4)	-12291(4)
172	13	-24.44(4)	-2.10(11-I-4)	-2.69(4)	-108441(4)	-10369(11-I-4)	-13416(4)
172	14	-23.56(4)	-2.29(1)	-2.43(5)	-103476(4)	-10428(4)	-15435(4)
172	15	-18.06(2)	-2.17(2)	-2.83(10-II-1)	-70028(2)	-12481(2)	-12174(10-II-1)
173	1	-20.91(2)	-2.20(4)	-2.44(10-II-1)	-89968(2)	-10038(2)	-6243(10-II-1)
173	2	-22.59(4)	-2.16(4)	-2.24(5)	-97026(4)	-9665(2)	-6487(10-II-1)
173	3	-23.93(4)	-2.09(4)	-2.15(4)	-102627(4)	-9207(1)	-6774(11-II-2)
173	4	-24.84(4)	-1.96(11-I-4)	-2.05(4)	-106670(4)	-8691(11-I-4)	-7717(4)
173	5	-24.84(4)	-1.94(11-I-4)	-1.87(4)	-106697(4)	-8398(11-I-4)	-9000(4)
173	6	-23.94(4)	-2.08(4)	-1.83(5)	-102788(4)	-8761(4)	-10412(4)
173	7	-22.61(4)	-2.16(4)	-1.87(10-II-1)	-97323(4)	-9086(4)	-11566(4)
173	8	-20.91(4)	-2.24(2)	-2.07(10-II-1)	-90349(4)	-9357(4)	-13221(5)
173	9	-18.57(2)	-2.19(2)	-1.99(10-II-1)	-81535(2)	-8334(4)	-14522(10-II-1)
173	10	-16.26(2)	-1.90(2)	-2.53(10-II-1)	-66626(2)	-7458(2)	-16403(10-II-1)
173	11	-16.32(2)	-2.01(2)	-2.48(10-II-1)	-61160(2)	-7541(2)	-14042(10-II-1)
173	12	-16.37(2)	-1.93(2)	-2.71(10-II-1)	-61752(2)	-8255(2)	-8323(10-II-1)
173	13	-16.25(2)	-2.07(2)	-2.74(10-II-1)	-66129(2)	-8494(2)	9054(12-I-1)
173	14	-18.63(2)	-2.14(2)	-2.88(10-II-1)	-81687(2)	-9825(2)	7320(12-I-1)
173	15	-17.88(2)	-2.00(2)	-2.56(10-II-1)	-77029(2)	-9371(2)	-10478(10-II-1)
174	1	-22.37(4)	-2.20(4)	-1.79(10-II-1)	-98190(4)	-9950(10-I-3)	-14671(4)
174	2	-20.50(4)	-2.17(2)	-1.89(10-II-1)	-90469(4)	-9286(8)	-16393(4)
174	3	-18.42(4)	-2.16(2)	-2.04(10-II-1)	-81554(4)	-9098(10-I-3)	-17824(2)
174	4	-16.55(2)	-1.92(2)	-2.30(10-II-1)	-62609(2)	-6515(13-II-2)	-16121(10-II-1)
174	5	-17.17(2)	-2.10(2)	-2.61(10-II-1)	-53448(13-II-1)	-6417(2)	-13876(10-II-1)
174	6	-17.17(2)	-2.11(2)	-2.86(10-II-1)	-52998(13-II-1)	-7126(2)	-11696(10-II-1)
174	7	-16.57(2)	-1.99(2)	-3.21(10-II-1)	-62875(2)	-8036(2)	-8389(10-II-1)
174	8	-18.38(2)	-2.20(4)	-3.26(10-II-1)	-81405(2)	-10416(2)	8130(12-I-1)
174	9	-20.44(4)	-2.20(4)	-3.14(2)	-90277(4)	-10646(2)	-6065(10-II-1)
174	10	-22.34(4)	-2.24(4)	-2.95(4)	-98223(4)	-10821(2)	-6646(11-II-2)
174	11	-23.64(4)	-2.14(4)	-2.78(4)	-103880(4)	-10407(2)	-8163(11-II-2)
174	12	-24.48(4)	-1.99(4)	-2.56(4)	-108118(4)	-9575(11-I-4)	-9105(4)
174	13	-24.45(4)	-1.97(4)	-2.08(4)	-107862(4)	-9225(10-I-3)	-10459(4)
174	14	-23.66(4)	-2.14(4)	-1.89(5)	-103738(4)	-10352(10-I-3)	-12825(4)
174	15	-18.15(2)	-1.80(2)	-2.71(10-II-1)	-71288(2)	-10779(2)	-11738(10-II-1)
175	1	-16.51(4)	-1.41(10-I-3)	-2.50(10-II-1)	-64757(4)	-5199(13-II-2)	-7877(10-II-1)
175	2	-16.53(4)	-1.27(13-II-2)	-2.16(10-II-1)	-64755(4)	-5712(10-I-3)	-12375(10-II-1)
175	3	-18.70(4)	-1.62(10-I-3)	-2.44(10-II-1)	-80873(4)	-6843(4)	8416(12-I-1)
175	4	-18.66(4)	-1.47(10-I-2)	-1.76(10-II-1)	-80528(4)	-7743(10-I-3)	-13157(4)
175	5	-20.72(4)	-1.77(10-I-3)	-2.11(10-II-1)	-89645(4)	-7239(4)	6189(12-I-1)
175	6	-20.70(4)	-1.60(10-I-3)	-1.58(10-II-1)	-89374(4)	-8301(10-I-3)	-11879(11-I-4)
175	7	-22.26(4)	-1.87(10-I-3)	-1.77(10-II-1)	-96237(4)	-7429(4)	-4609(11-II-2)
175	8	-22.25(4)	-1.70(10-I-3)	-1.35(10-II-1)	-95962(4)	-8723(10-I-3)	-11026(11-I-4)
175	9	-23.37(4)	-1.93(10-I-3)	-1.60(11-I-4)	-100966(4)	-7515(4)	-6001(11-II-2)
175	10	-23.35(4)	-1.77(10-I-3)	-1.26(11-II-2)	-100600(4)	-9093(10-I-3)	-10017(11-I-4)
175	11	-24.03(4)	-1.96(10-I-3)	-1.61(10-I-3)	-103948(4)	-7551(10-I-2)	-6219(11-II-2)
175	12	-23.97(4)	-1.80(10-I-3)	-1.47(10-I-3)	-103579(4)	-8801(10-I-3)	-7583(10-I-3)
176	1	4.30(12-II-3)	-11.17(13-I-4)	4.36(10-I-3)	30534(2)	-57904(13-I-4)	-63235(2)
176	2	3.02(12-II-3)	-14.01(13-I-4)	4.26(10-I-3)	24431(2)	-79202(13-I-3)	-38951(2)
176	3	2.51(12-II-3)	-16.74(13-I-3)	4.28(10-I-3)	18047(2)	-84915(13-I-3)	-24764(12-II-3)
176	4	2.02(12-II-3)	-18.13(13-I-3)	3.95(10-I-3)	9761(12-II-3)	-103592(4)	13900(10-I-3)
176	5	2.53(12-II-3)	-18.45(13-I-3)	3.27(10-I-3)	-6893(10-I-3)	-107922(4)	18419(10-I-3)
176	6	3.34(12-II-3)	-17.00(13-I-3)	-3.48(12-II-3)	-7981(10-I-3)	-87299(13-I-3)	24310(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
176	7	3.80(12-II-3)	-14.46(13-I-4)	-5.07(12-II-3)	-10545(10-I-3)	-83983(13-I-3)	31567(4)
176	8	4.82(2)	-11.67(13-I-4)	-7.42(2)	-13835(10-I-3)	-64716(13-I-4)	45528(4)
176	9	5.03(2)	-7.43(13-I-4)	-8.92(2)	-13882(10-I-3)	-35769(13-I-4)	48224(4)
176	10	5.39(2)	14.77(2)	-6.12(2)	28312(2)	124104(2)	19040(13-I-3)
176	11	6.54(2)	10.89(11-II-4)	-2.43(12-II-3)	45752(2)	177184(2)	-5620(12-II-3)
176	12	7.00(2)	10.64(11-II-4)	1.46(10-I-3)	45436(2)	167285(2)	-16373(2)
176	13	6.67(2)	12.94(2)	2.06(10-I-3)	36848(2)	110535(2)	-37319(2)
176	14	5.55(12-II-3)	8.61(11-II-4)	3.87(8)	32348(2)	40617(11-II-4)	-72514(2)
176	15	4.35(12-II-3)	-10.31(13-I-4)	2.97(10-I-3)	25942(2)	-57260(13-I-4)	-27693(12-II-3)
176	16	3.72(12-II-3)	-13.13(13-I-4)	-2.96(12-II-3)	16123(12-II-3)	-74750(13-I-3)	14181(10-I-3)
176	17	4.46(2)	-10.45(13-I-4)	-4.51(12-II-3)	17631(12-II-3)	-59887(13-I-4)	15926(10-I-3)
176	18	5.52(2)	7.85(11-II-4)	-4.04(12-II-3)	25641(12-II-3)	41786(11-II-4)	12302(10-I-3)
176	19	5.65(2)	8.33(11-II-4)	2.29(10-I-3)	31355(2)	45980(11-II-4)	-31866(12-II-3)
177	1	2.74(2)	-9.72(13-I-4)	3.93(10-I-3)	10114(2)	-44248(13-I-4)	-29290(2)
177	2	2.18(2)	-13.52(13-I-4)	4.10(10-I-3)	8359(2)	-59431(13-I-3)	-26923(12-II-3)
177	3	1.66(2)	-16.13(13-I-3)	4.20(10-I-3)	7140(2)	-70553(13-I-3)	-23317(12-II-3)
177	4	1.22(12-II-3)	-17.72(13-I-3)	3.89(10-I-3)	4907(12-II-3)	-79628(13-I-3)	-16453(12-II-3)
177	5	1.38(12-II-3)	-17.85(13-I-3)	3.48(10-I-3)	4865(12-II-3)	-80232(13-I-3)	19139(10-I-3)
177	6	1.82(2)	-16.25(13-I-3)	-4.04(12-II-3)	7149(2)	-71170(13-I-3)	23108(10-I-3)
177	7	2.22(2)	-13.64(13-I-4)	-4.48(12-II-3)	9890(2)	-59952(13-I-4)	24311(10-I-3)
177	8	2.67(2)	-9.82(13-I-4)	-4.74(12-II-3)	13349(2)	-44548(13-I-4)	24118(10-I-3)
177	9	2.98(2)	10.30(11-II-4)	-4.33(12-II-3)	18104(2)	41094(11-II-4)	24563(10-I-3)
177	10	3.50(2)	14.46(2)	-2.45(12-II-3)	25157(2)	74716(2)	17070(4)
177	11	3.69(2)	13.79(2)	-1.87(12-II-3)	20578(2)	96084(2)	6799(10-I-3)
177	12	3.49(2)	13.80(2)	1.33(10-I-3)	14790(2)	94879(2)	-9693(2)
177	13	3.72(2)	14.38(2)	1.85(10-I-3)	11727(4)	72344(2)	-22687(2)
177	14	3.14(2)	10.41(11-II-4)	3.38(10-I-3)	9223(4)	41389(11-II-4)	-34103(2)
177	15	3.63(2)	11.55(11-II-1)	-2.25(12-II-3)	10414(2)	51972(11-II-1)	-13014(12-II-3)
178	1	2.10(2)	-9.18(13-I-4)	4.63(10-I-3)	6866(11-II-2)	-44705(13-I-4)	-33253(2)
178	2	1.43(2)	-12.82(13-I-3)	4.73(10-I-3)	5282(11-II-4)	-59840(13-I-3)	-28927(2)
178	3	1.09(11-II-4)	-15.35(13-I-3)	4.59(10-I-3)	-4538(13-I-4)	-71171(13-I-3)	-24349(12-II-3)
178	4	-1.16(13-I-4)	-16.85(13-I-3)	4.03(10-I-3)	-5897(13-I-4)	-81867(13-I-3)	-16801(12-II-3)
178	5	1.04(11-II-4)	-17.10(13-I-3)	-3.46(12-II-3)	-5643(13-I-4)	-83728(4)	19310(10-I-3)
178	6	1.27(2)	-15.59(13-I-3)	-4.45(12-II-3)	4882(13-II-4)	-72305(13-I-3)	25149(10-I-3)
178	7	1.64(2)	-13.04(13-I-4)	-5.01(12-II-3)	7406(2)	-60716(13-I-3)	27544(10-I-3)
178	8	2.03(2)	-9.34(13-I-4)	-5.20(12-II-3)	11189(2)	-45213(13-I-4)	28558(10-I-3)
178	9	2.02(2)	10.39(11-II-1)	-4.54(12-II-3)	17587(12-II-3)	41764(11-II-4)	27421(10-I-3)
178	10	3.02(4)	13.49(11-II-1)	-2.87(2)	26155(2)	81930(2)	16435(4)
178	11	3.12(2)	12.41(11-II-1)	-1.92(12-II-3)	23803(2)	120823(2)	5047(4)
178	12	3.22(2)	12.45(11-II-1)	1.48(10-I-3)	17708(4)	120023(4)	-5292(4)
178	13	3.50(2)	13.60(11-II-1)	2.31(10-I-3)	15317(10-I-3)	79036(2)	-20357(4)
178	14	2.63(2)	10.53(11-II-1)	3.94(10-I-3)	9236(10-I-3)	42078(11-II-1)	-34679(2)
178	15	3.64(2)	10.71(11-II-1)	-2.22(12-II-3)	5613(11-II-4)	61744(11-II-1)	-13047(12-II-3)
179	1	1.50(2)	-8.88(13-I-4)	5.00(10-I-3)	6062(11-II-2)	-43348(13-I-3)	-29616(2)
179	2	1.12(11-II-4)	-12.55(13-I-3)	5.04(10-I-3)	4401(11-II-4)	-58553(13-I-3)	-25603(2)
179	3	-1.09(13-I-4)	-15.07(13-I-3)	4.81(10-I-3)	-4468(13-I-4)	-69765(13-I-3)	-21952(12-II-3)
179	4	-1.22(13-I-4)	-16.57(13-I-3)	4.14(10-I-3)	-5836(13-I-4)	-80320(13-I-3)	-15381(12-II-3)
179	5	-1.16(13-I-4)	-16.69(13-I-3)	-3.28(12-II-3)	-6732(13-I-4)	-80917(13-I-3)	20018(10-I-3)
179	6	-0.98(13-I-4)	-15.15(13-I-3)	-4.07(12-II-3)	-5823(13-I-4)	-70348(13-I-3)	26440(10-I-3)
179	7	1.22(11-II-4)	-12.64(13-I-3)	-4.46(12-II-3)	4870(11-II-4)	-58957(13-I-3)	29326(10-I-3)
179	8	1.56(11-II-4)	-9.02(13-I-4)	-4.55(12-II-3)	7780(2)	-43849(13-I-4)	30576(10-I-3)
179	9	1.77(11-II-1)	10.64(11-II-1)	-3.96(12-II-3)	13727(12-II-3)	42462(11-II-1)	29533(10-I-3)
179	10	2.69(4)	13.68(11-II-1)	-2.49(2)	22283(2)	79747(2)	17403(4)
179	11	2.65(4)	12.68(11-II-1)	-1.65(12-II-3)	20485(2)	121090(4)	5421(4)
179	12	2.65(4)	12.76(11-II-1)	1.59(10-I-3)	16328(4)	120817(4)	-4819(4)
179	13	2.81(2)	14.02(11-II-1)	2.51(10-I-3)	15380(10-I-3)	80582(4)	-18965(4)
179	14	1.95(2)	10.85(11-II-1)	4.27(10-I-3)	9209(10-I-3)	43535(11-II-2)	-31318(2)
179	15	3.06(4)	10.99(11-II-1)	-1.89(12-II-3)	4667(11-II-4)	63011(11-II-1)	-11292(12-II-3)
180	1	1.30(11-II-4)	-8.97(13-I-2)	4.34(10-I-3)	5730(11-II-2)	-41078(13-I-2)	-23731(2)
180	2	1.01(11-II-4)	-12.67(13-I-3)	4.38(10-I-3)	4141(11-II-4)	-55900(13-I-3)	-21515(12-II-3)
180	3	-1.00(13-I-4)	-15.22(13-I-3)	4.36(10-I-3)	-3971(13-I-4)	-66742(13-I-3)	-19417(12-II-3)
180	4	-1.15(13-I-4)	-16.82(13-I-3)	3.85(10-I-3)	-4986(13-I-4)	-75825(13-I-3)	-14658(12-II-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
180	5	-1.11(13-I-4)	-16.88(13-I-3)	3.33(10-I-3)	-5639(13-I-4)	-76164(13-I-3)	19613(10-I-3)
180	6	-0.96(13-I-4)	-15.26(13-I-3)	-3.53(12-II-3)	-4856(13-I-4)	-67074(13-I-3)	25054(10-I-3)
180	7	1.07(11-II-4)	-12.71(13-I-3)	-3.69(12-II-3)	4506(11-II-4)	-56145(13-I-3)	27187(10-I-3)
180	8	1.36(11-II-4)	-9.01(13-I-2)	-3.72(12-II-3)	5926(11-II-4)	-41232(13-I-3)	27786(10-I-3)
180	9	1.62(11-II-1)	11.06(11-II-2)	-3.30(12-II-3)	9047(2)	43700(11-II-2)	28928(10-I-3)
180	10	2.13(4)	14.70(11-II-1)	-1.85(2)	15093(2)	72947(4)	18373(4)
180	11	2.17(4)	14.36(11-II-2)	-1.39(12-II-3)	12863(2)	96271(4)	7816(10-I-3)
180	12	2.11(4)	14.42(11-II-2)	1.49(10-I-3)	10823(4)	96247(4)	-7923(2)
180	13	2.14(4)	14.90(11-II-2)	2.15(10-I-3)	12296(10-I-3)	73151(4)	-20070(4)
180	14	1.56(2)	11.15(11-II-2)	3.83(10-I-3)	7541(11-II-2)	44403(11-II-2)	-28350(2)
180	15	2.12(4)	12.27(11-II-2)	1.80(10-I-3)	5218(11-II-4)	55584(11-II-2)	9993(10-I-3)
181	1	1.13(11-II-4)	-8.68(13-I-2)	5.11(10-I-3)	5055(11-II-2)	-42266(13-I-2)	-27020(2)
181	2	-0.83(13-I-4)	-12.23(13-I-3)	5.05(10-I-3)	-3641(13-I-3)	-57160(13-I-3)	-23395(2)
181	3	-1.01(13-I-4)	-14.72(13-I-3)	4.74(10-I-3)	-4181(13-I-3)	-68248(13-I-3)	-19205(12-II-3)
181	4	-1.08(13-I-4)	-16.22(13-I-3)	3.96(10-I-3)	-5625(12-I-2)	-78621(13-I-3)	-13831(12-II-3)
181	5	-1.07(13-I-4)	-16.34(13-I-3)	-3.01(12-II-3)	-6260(13-I-4)	-79210(13-I-3)	19585(10-I-3)
181	6	-0.95(13-I-4)	-14.82(13-I-3)	-3.64(12-II-3)	-5615(13-I-4)	-68904(13-I-3)	27099(10-I-3)
181	7	0.89(11-II-4)	-12.32(13-I-3)	-3.94(12-II-3)	-4691(13-I-4)	-57655(13-I-3)	30681(10-I-3)
181	8	1.26(11-II-2)	-8.72(13-I-2)	-3.98(12-II-3)	4904(11-II-4)	-42456(13-I-3)	32684(10-I-3)
181	9	1.51(11-II-2)	11.24(11-II-2)	-3.43(12-II-3)	9166(12-II-3)	44701(11-II-2)	31993(10-I-3)
181	10	2.08(4)	14.42(11-II-2)	-2.26(2)	16341(2)	82091(4)	17706(4)
181	11	2.01(4)	13.34(11-II-2)	-1.40(12-II-3)	16593(2)	123071(4)	5226(4)
181	12	2.02(4)	13.39(11-II-2)	1.62(10-I-3)	14737(8)	123186(4)	-5095(4)
181	13	2.14(2)	14.68(11-II-2)	2.65(10-I-3)	16688(10-I-3)	82303(4)	-18866(4)
181	14	1.26(2)	11.39(11-II-2)	4.45(10-I-3)	10001(10-I-3)	45507(11-II-2)	-29009(2)
181	15	2.47(4)	11.58(11-II-2)	1.85(10-I-3)	-4790(13-I-4)	66128(11-II-2)	10882(10-I-3)
182	1	0.92(11-II-4)	-8.59(13-I-2)	5.28(10-I-3)	4072(11-II-2)	-41856(13-I-2)	-25806(2)
182	2	-0.69(13-I-4)	-12.16(13-I-3)	5.13(10-I-3)	-2934(13-I-2)	-57108(13-I-3)	-22301(2)
182	3	-0.82(13-I-4)	-14.57(13-I-3)	4.74(10-I-3)	-3329(13-I-3)	-67870(13-I-3)	-17377(2)
182	4	-0.86(13-I-4)	-16.02(13-I-3)	3.84(10-I-3)	-5140(12-I-2)	-78028(13-I-3)	-12272(12-II-3)
182	5	-0.91(13-I-4)	-16.12(13-I-3)	2.89(10-I-3)	-5645(13-I-4)	-78569(13-I-3)	19977(10-I-3)
182	6	-0.82(13-I-4)	-14.61(13-I-3)	-3.20(12-II-3)	-5197(13-I-4)	-68319(13-I-3)	28553(10-I-3)
182	7	0.68(11-II-3)	-12.15(13-I-3)	-3.43(12-II-3)	-4438(13-I-4)	-57112(13-I-3)	33079(10-I-3)
182	8	1.08(11-II-2)	-8.64(13-I-2)	-3.45(12-II-3)	4147(11-II-4)	-42131(13-I-2)	35727(10-I-3)
182	9	1.35(11-II-2)	11.58(11-II-2)	-2.98(12-II-3)	7260(12-II-3)	46104(11-II-2)	35106(10-I-3)
182	10	1.86(8)	14.84(11-II-2)	-2.01(2)	14352(2)	82988(4)	19079(8)
182	11	1.66(4)	13.72(11-II-2)	-1.21(12-II-3)	14555(2)	125031(4)	5673(4)
182	12	1.63(4)	13.77(11-II-2)	1.63(10-I-3)	13881(8)	125242(4)	-5130(4)
182	13	1.73(2)	15.10(11-II-2)	2.69(10-I-3)	16850(10-I-3)	83118(4)	-19415(4)
182	14	0.98(11-II-4)	11.81(11-II-2)	4.63(10-I-3)	9863(10-I-3)	47203(11-II-2)	-27929(2)
182	15	2.16(4)	11.93(11-II-2)	1.87(10-I-3)	-5039(13-I-4)	69277(11-II-2)	11185(10-I-3)
183	1	0.48(11-II-4)	-8.58(13-I-2)	6.62(10-I-3)	-3690(12-II-3)	-43250(13-I-2)	-33810(4)
183	2	-0.59(13-I-4)	-11.10(13-I-3)	5.79(10-I-3)	-3431(4)	-62405(13-I-3)	-21779(2)
183	3	-0.54(13-I-4)	-13.83(13-I-3)	5.18(10-I-3)	-3060(4)	-69956(13-I-3)	-14390(2)
183	4	-0.51(13-I-4)	-15.58(13-I-3)	3.91(10-I-3)	-4780(10-I-2)	-80713(13-I-3)	-8321(12-II-3)
183	5	-0.69(13-I-4)	-15.57(13-I-3)	2.60(10-I-3)	-5942(10-I-2)	-80818(13-I-3)	20208(10-I-3)
183	6	-0.59(13-I-3)	-13.80(13-I-3)	-2.74(12-II-3)	-5578(13-I-4)	-70218(13-I-3)	30928(10-I-3)
183	7	-0.59(13-I-3)	-11.07(13-I-3)	-2.99(12-II-3)	-5672(13-I-4)	-62211(13-I-3)	38509(10-I-3)
183	8	0.87(11-II-2)	-8.59(13-I-2)	-3.80(2)	-5008(13-I-4)	-43395(13-I-2)	48227(10-I-3)
183	9	1.44(10-I-3)	11.06(11-II-2)	-3.84(2)	8715(10-II-3)	52444(11-II-2)	46950(10-I-3)
183	10	1.58(8)	14.54(11-II-2)	-2.09(2)	14898(2)	90778(4)	21031(10-I-3)
183	11	1.79(4)	12.78(11-II-2)	-1.11(12-II-3)	15725(4)	125704(4)	6203(10-I-3)
183	12	1.55(4)	12.86(11-II-2)	2.02(10-I-3)	14868(8)	125975(4)	-2340(2)
183	13	0.92(2)	14.87(11-II-2)	3.36(10-I-3)	14925(10-I-3)	91229(4)	-17153(4)
183	14	0.63(2)	11.30(11-II-2)	6.21(10-I-3)	12661(10-I-3)	53754(11-II-2)	-35044(4)
183	15	0.63(11-II-2)	8.25(11-II-2)	4.04(10-I-3)	1978(10-I-3)	-38798(13-I-2)	-11251(12-II-3)
183	16	0.49(11-II-2)	-10.30(13-I-2)	3.18(10-I-3)	-3984(13-I-3)	-54005(13-I-3)	16195(10-I-3)
183	17	0.74(11-II-2)	8.25(11-II-2)	-2.08(12-II-3)	-2708(13-I-4)	-38878(13-I-2)	23603(10-I-3)
183	18	1.21(11-II-2)	10.88(11-II-2)	-1.69(12-II-3)	4599(11-II-4)	62166(11-II-2)	20404(10-I-3)
183	19	1.02(4)	10.95(11-II-2)	3.32(10-I-3)	6075(10-I-3)	62407(11-II-2)	-9847(12-II-3)
184	1	-1.44(2)	8.01(11-I-4)	-2.51(10-I-1)	-10377(2)	31556(11-I-4)	27381(2)
184	2	-0.73(12-II-1)	11.57(11-I-4)	-2.79(10-I-1)	-5783(2)	46897(11-I-4)	29175(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
184	3	0.50(11-I-2)	15.20(11-I-4)	-2.59(10-I-2)	6735(10-I-1)	61434(11-I-4)	30775(2)
184	4	1.17(4)	18.28(11-I-4)	-1.64(4)	12001(10-I-3)	95189(4)	20144(2)
184	5	1.08(11-I-3)	17.13(11-I-4)	-1.02(10-I-3)	11305(4)	137044(4)	5875(2)
184	6	1.08(11-I-3)	17.25(11-I-4)	0.97(12-II-1)	10638(4)	136818(4)	-5166(2)
184	7	1.29(10-I-1)	18.53(11-I-4)	2.11(2)	7671(2)	96035(4)	-18082(4)
184	8	0.89(10-I-1)	15.45(11-I-4)	3.35(2)	943(12-II-1)	61963(11-I-4)	-25820(4)
184	9	-1.12(12-II-1)	11.81(11-I-4)	3.77(2)	-3293(12-II-1)	47795(11-I-4)	-21386(4)
184	10	-1.94(2)	8.27(11-I-4)	3.84(2)	-6208(12-II-1)	33000(11-I-4)	-16609(10-I-2)
184	11	-2.52(2)	-7.93(13-II-4)	4.00(2)	-8201(10-II-1)	-38155(13-II-4)	-12949(10-I-1)
184	12	-2.69(2)	-9.51(13-II-4)	3.71(2)	-11367(2)	-57306(2)	8783(12-II-1)
184	13	-2.38(2)	-9.90(13-II-4)	2.48(12-II-1)	-15066(2)	-60410(2)	19370(2)
184	14	-2.00(2)	-8.22(13-II-4)	-2.03(10-I-1)	-13780(2)	-40234(13-II-4)	24940(2)
184	15	1.37(11-I-3)	15.55(11-I-4)	-1.11(10-I-1)	-4954(2)	82264(11-I-4)	-7083(10-I-1)
185	1	-1.26(2)	7.45(11-I-4)	-2.73(10-I-1)	-8141(2)	-31632(13-II-4)	27811(2)
185	2	-0.49(12-II-1)	11.23(11-I-4)	-3.00(10-I-1)	-4577(2)	45561(11-I-4)	30224(2)
185	3	0.76(11-I-2)	15.03(11-I-4)	-2.72(10-I-1)	6414(10-I-1)	60835(11-I-4)	31797(2)
185	4	1.43(4)	18.22(11-I-4)	-1.69(10-I-2)	11637(10-I-1)	94665(4)	20118(2)
185	5	1.33(11-I-3)	17.00(11-I-4)	-1.03(10-I-1)	12241(4)	137081(4)	5544(2)
185	6	1.36(11-I-3)	17.06(11-I-4)	1.08(12-II-1)	12969(4)	137447(4)	-5597(4)
185	7	1.43(10-I-1)	18.30(11-I-4)	2.21(2)	11315(2)	95457(4)	-18878(4)
185	8	0.96(10-I-1)	15.17(11-I-4)	3.49(2)	3276(10-II-1)	60970(11-I-4)	-26167(4)
185	9	-0.85(12-II-1)	11.37(11-I-4)	3.84(2)	-2337(12-II-3)	46108(11-I-4)	-21825(4)
185	10	-1.65(2)	7.69(11-I-4)	3.82(12-II-1)	-6097(12-II-1)	30420(11-I-4)	-17754(10-I-2)
185	11	-2.26(2)	-8.60(13-II-4)	3.82(2)	-8635(10-II-1)	-41370(13-II-4)	-14251(10-I-1)
185	12	-2.55(2)	-10.23(13-II-4)	3.36(12-II-1)	-12086(2)	-62882(2)	7525(12-II-1)
185	13	-2.26(2)	-10.58(2)	2.31(12-II-1)	-13389(2)	-65152(2)	17769(2)
185	14	-1.87(2)	-8.88(13-II-4)	-2.24(10-I-1)	-11128(2)	-43149(13-II-4)	24774(2)
185	15	1.68(4)	15.32(11-I-4)	-1.14(10-I-1)	-4008(2)	82025(11-I-4)	-6941(10-I-1)
186	1	-1.08(2)	7.03(11-I-4)	-2.21(10-I-1)	-5904(2)	-31107(13-II-4)	25470(2)
186	2	0.49(11-I-2)	10.97(11-I-4)	-2.46(10-I-1)	-2443(13-II-2)	45408(11-I-4)	26817(2)
186	3	0.98(11-I-2)	14.98(11-I-4)	-2.33(10-I-1)	5222(10-I-1)	60296(11-I-4)	31006(2)
186	4	1.37(11-I-3)	18.75(11-I-4)	-1.39(10-I-1)	9549(10-I-1)	87772(11-I-4)	21848(2)
186	5	1.35(11-I-3)	18.34(11-I-4)	-0.94(10-I-1)	7515(11-I-4)	109518(4)	8757(2)
186	6	1.35(11-I-3)	18.38(11-I-4)	1.14(12-II-1)	8344(4)	109919(4)	-6983(4)
186	7	1.34(11-I-3)	18.85(11-I-4)	1.89(2)	9144(4)	88102(11-I-4)	-19239(4)
186	8	0.95(11-I-3)	15.08(11-I-4)	3.06(12-II-1)	4064(11-I-2)	60638(11-I-4)	-23456(4)
186	9	-0.60(12-II-1)	11.04(11-I-4)	3.37(12-II-1)	2080(11-I-4)	45676(11-I-4)	-17459(10-I-2)
186	10	-1.31(2)	7.12(11-I-4)	3.38(12-II-1)	-4868(2)	-30515(13-II-4)	-15916(10-I-1)
186	11	-1.86(2)	-9.40(13-II-4)	3.47(10-II-1)	-7267(2)	-41584(13-II-4)	-13345(10-I-1)
186	12	-2.27(2)	-11.63(2)	3.19(10-II-1)	-10160(2)	-58670(2)	7705(12-II-1)
186	13	-2.11(2)	-11.81(2)	2.61(10-II-1)	-10797(2)	-59526(2)	17607(2)
186	14	-1.67(2)	-9.51(13-II-4)	2.03(12-II-1)	-8404(2)	-42304(13-II-4)	23459(2)
186	15	1.38(11-I-3)	16.21(11-I-4)	1.25(12-II-1)	2844(11-I-4)	72423(11-I-4)	6925(12-II-1)
187	1	-0.49(13-II-1)	-7.96(13-II-2)	-3.99(12-I-1)	-3781(4)	-49384(13-II-2)	22780(4)
187	2	0.61(11-I-3)	9.32(11-I-2)	-4.85(12-I-1)	-3427(10-II-1)	37368(11-I-2)	32138(4)
187	3	0.84(11-I-4)	11.79(11-I-2)	-4.66(12-I-1)	7303(12-I-1)	54508(11-I-2)	31937(4)
187	4	1.08(11-I-3)	14.10(11-I-3)	-2.52(12-I-1)	10954(12-I-1)	79082(13-I-3)	14933(4)
187	5	1.42(13-I-3)	13.03(11-I-2)	-1.32(12-I-1)	12218(12-I-1)	103595(6)	2523(2)
187	6	1.51(13-I-3)	13.17(11-I-2)	1.10(10-II-1)	13697(4)	104688(6)	-5030(12-I-1)
187	7	1.27(12-I-1)	14.71(11-I-3)	2.11(2)	13955(4)	82804(13-I-3)	-17276(12-I-1)
187	8	0.97(12-I-1)	12.03(11-I-2)	3.93(4)	10637(11-I-1)	56526(11-I-2)	-37163(12-I-1)
187	9	0.58(13-I-2)	9.38(11-I-2)	4.03(2)	5509(11-I-1)	38200(11-I-2)	-37208(12-I-1)
187	10	-0.59(11-II-2)	-7.78(13-II-2)	3.14(2)	-4366(13-II-1)	-48528(13-II-2)	-27897(12-I-1)
187	11	-0.64(13-II-2)	-10.82(13-II-2)	2.71(10-II-1)	-4702(13-II-1)	-57670(13-II-2)	-20907(12-I-1)
187	12	-0.73(13-II-2)	-12.84(13-II-2)	2.16(10-II-1)	-5604(8)	-74031(4)	-11039(12-I-1)
187	13	-0.49(13-II-2)	-12.99(13-II-2)	-2.15(12-I-1)	-4829(10-I-2)	-74085(4)	8305(10-II-1)
187	14	-0.47(13-II-2)	-10.95(13-II-2)	-3.36(12-I-1)	-3631(10-I-3)	-58158(13-II-2)	16370(4)
187	15	1.00(13-I-3)	11.61(11-I-2)	-2.20(12-I-1)	4015(12-I-1)	62220(11-I-3)	9819(10-II-1)
187	16	0.99(13-I-3)	11.73(11-I-2)	1.66(10-II-1)	5634(11-I-3)	62728(11-I-3)	-13459(12-I-1)
187	17	0.61(13-I-3)	9.65(11-I-2)	2.03(10-II-1)	3137(11-I-2)	44600(11-I-2)	-15183(12-I-1)
187	18	0.49(13-I-2)	7.31(11-I-2)	-1.67(12-I-1)	-3789(13-II-2)	-39351(13-II-2)	8763(10-II-1)
187	19	0.62(13-I-3)	9.62(11-I-2)	-2.59(12-I-1)	-1255(11-II-2)	44171(11-I-2)	11148(10-II-1)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
188	1	-2.96(11-II-3)	-1.27(4)	-1.09(2)	-179904(4)	-21013(4)	15417(4)
188	2	-3.31(11-II-3)	-0.91(4)	-1.24(2)	-176360(4)	-19753(8)	13385(4)
188	3	-3.78(11-II-3)	-0.77(6)	-1.37(2)	-170849(4)	-17747(8)	11064(4)
188	4	-4.48(11-II-3)	-0.68(6)	-1.46(4)	-162668(4)	-14288(8)	9888(13-I-2)
188	5	-2.67(11-II-3)	-0.49(13-II-4)	-1.29(4)	-49944(11-II-2)	-7754(11-II-2)	25928(4)
188	6	-2.92(11-II-3)	-0.53(13-II-4)	-1.50(4)	-47238(11-II-2)	-6546(11-II-2)	25023(4)
188	7	-3.29(11-II-3)	-0.53(4)	-1.78(4)	-44224(11-II-2)	-4637(11-II-2)	24087(4)
188	8	-3.79(11-II-3)	-0.56(4)	-2.19(4)	-40686(11-II-2)	-2598(10-I-2)	23759(4)
188	9	-2.08(11-II-3)	0.53(13-I-4)	-1.14(4)	88878(13-I-3)	7269(13-I-2)	31461(4)
188	10	-2.14(11-II-3)	0.39(13-I-3)	-1.40(4)	88453(13-I-3)	6228(13-I-2)	30634(4)
188	11	-2.22(11-II-3)	0.33(11-I-3)	-1.77(4)	87902(13-I-3)	5149(13-I-2)	29822(4)
188	12	-2.33(11-II-3)	0.24(11-I-4)	-2.25(4)	87208(13-I-3)	4045(13-I-2)	29713(4)
188	13	-1.32(11-II-3)	0.98(4)	-0.88(4)	161233(4)	12939(8)	27078(4)
188	14	1.57(13-I-3)	0.83(4)	-1.15(4)	158311(4)	10611(9)	25874(4)
188	15	2.00(13-I-3)	0.72(4)	-1.51(4)	155358(4)	8229(9)	24781(4)
188	16	2.49(13-I-3)	0.62(4)	-1.99(4)	152291(4)	5407(9)	24206(4)
189	1	-1.59(11-I-1)	1.04(4)	1.09(4)	174746(4)	15024(8)	-31931(4)
189	2	1.65(13-II-1)	0.92(4)	1.36(4)	170925(4)	11880(8)	-31153(4)
189	3	2.12(13-II-1)	0.80(4)	1.70(4)	167063(4)	8677(8)	-30251(4)
189	4	2.66(13-II-1)	0.69(4)	2.13(4)	163120(4)	5333(8)	-29676(4)
189	5	-2.35(11-I-1)	0.40(13-II-4)	1.32(4)	96602(4)	7500(13-II-3)	-39969(4)
189	6	-2.39(11-I-1)	0.34(13-II-2)	1.60(4)	95319(4)	6301(13-II-3)	-39206(4)
189	7	-2.46(11-I-1)	0.29(13-II-2)	1.97(4)	94122(4)	5179(13-II-3)	-38358(4)
189	8	-2.56(11-I-1)	0.21(13-II-2)	2.44(4)	92914(4)	4099(8)	-38032(4)
189	9	-2.99(11-I-1)	-0.65(11-I-4)	1.36(4)	-61557(11-I-2)	-9420(11-I-3)	-36987(4)
189	10	-3.19(11-I-1)	-0.67(11-I-4)	1.61(4)	-58019(11-I-2)	-7140(11-I-3)	-36557(4)
189	11	-3.51(11-I-1)	-0.62(11-I-4)	1.92(4)	-54309(11-I-2)	-4440(11-I-3)	-35436(4)
189	12	-3.97(11-I-1)	-0.57(13-I-3)	2.36(4)	-50070(11-I-2)	-1837(12-I-2)	-34599(4)
189	13	-3.32(11-I-1)	-1.77(4)	1.08(12-II-3)	-174812(13-I-3)	-22513(4)	-24570(4)
189	14	-3.66(11-I-1)	-1.37(4)	1.19(12-II-3)	-172893(13-I-2)	-20466(4)	-21289(4)
189	15	-4.06(11-I-1)	-1.13(4)	1.32(2)	-168216(13-I-2)	-17748(8)	-18483(4)
189	16	-4.65(11-I-2)	-0.92(8)	1.45(2)	-160571(13-I-2)	-13835(8)	-15344(4)
190	1	1.84(12-I-2)	1.65(4)	0.27(10-I-3)	235546(4)	19933(8)	-8720(10-I-3)
190	2	2.40(12-I-2)	1.47(4)	0.35(11-I-2)	230159(4)	15987(8)	-8650(10-I-3)
190	3	3.04(12-I-2)	1.24(4)	0.44(11-I-2)	224808(4)	11855(8)	-8560(10-I-3)
190	4	3.79(12-I-2)	0.93(4)	0.55(11-I-2)	219350(4)	7858(9)	-8415(10-I-3)
190	5	1.78(12-I-2)	1.62(4)	0.45(5)	232110(4)	19739(8)	-10330(4)
190	6	2.34(12-I-2)	1.45(4)	0.51(5)	226799(4)	15701(8)	-10275(4)
190	7	2.97(12-I-2)	1.23(4)	0.65(13-I-2)	221484(4)	11442(8)	-10313(4)
190	8	3.70(12-I-2)	0.95(4)	0.81(13-I-2)	216012(4)	7248(9)	-10605(4)
190	9	1.67(12-I-2)	1.54(4)	0.64(5)	223970(4)	19017(8)	-16430(4)
190	10	2.20(12-I-2)	1.39(4)	0.77(4)	218882(4)	15025(8)	-16331(4)
190	11	2.80(12-I-2)	1.21(4)	0.93(4)	213689(4)	10599(8)	-16237(4)
190	12	3.50(12-I-2)	0.97(4)	1.13(4)	208410(4)	6052(9)	-16554(4)
190	13	1.53(12-I-3)	1.41(4)	0.81(4)	211785(4)	18199(8)	-22238(4)
190	14	2.00(12-I-3)	1.27(4)	1.01(4)	206351(4)	14091(8)	-21846(4)
190	15	2.57(12-I-3)	1.09(4)	1.23(4)	201385(4)	9688(8)	-21444(4)
190	16	3.18(12-I-3)	0.94(4)	1.46(4)	196522(4)	5050(9)	-21397(4)
191	1	1.46(12-I-2)	1.33(4)	-0.62(4)	201695(4)	16415(8)	19381(4)
191	2	1.92(12-I-2)	1.19(4)	-0.82(4)	197012(4)	12969(8)	18618(4)
191	3	2.46(12-I-2)	1.02(4)	-1.08(4)	192781(4)	9299(9)	17959(4)
191	4	3.04(12-I-2)	0.88(4)	-1.37(4)	188612(4)	5240(9)	17840(4)
191	5	1.63(12-I-2)	1.49(4)	-0.45(12-II-3)	216815(4)	17868(8)	14270(4)
191	6	2.14(12-I-2)	1.35(4)	-0.60(4)	212092(4)	14197(8)	13816(4)
191	7	2.72(12-I-2)	1.17(4)	-0.79(4)	207367(4)	10153(9)	13445(4)
191	8	3.40(12-I-2)	0.95(4)	-1.04(4)	202552(4)	6151(9)	13636(4)
191	9	1.75(12-I-2)	1.59(4)	-0.31(12-II-3)	227762(4)	18995(8)	8568(4)
191	10	2.29(12-I-2)	1.44(4)	-0.35(13-II-2)	222690(4)	15175(8)	8217(4)
191	11	2.91(12-I-2)	1.23(4)	-0.49(13-II-2)	217625(4)	11060(8)	7992(4)
191	12	3.63(12-I-2)	0.98(4)	-0.65(13-II-2)	212411(4)	7138(9)	8156(4)
191	13	1.83(12-I-2)	1.65(4)	0.18(10-I-3)	234079(4)	19683(8)	-7614(10-I-3)
191	14	2.38(12-I-2)	1.47(4)	-0.20(13-II-2)	228778(4)	15802(8)	-7511(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
191	15	3.02(12-I-2)	1.25(4)	-0.29(13-II-2)	223509(4)	11711(8)	-7337(10-I-3)
191	16	3.76(12-I-2)	0.97(4)	-0.40(13-II-2)	218136(4)	7756(9)	-6967(10-I-3)
192	1	-11.37(2)	-1.30(2)	-1.25(4)	-270157(11-I-4)	-33715(11-I-4)	9375(10-I-3)
192	2	-11.33(2)	-1.30(2)	-1.54(4)	-268739(11-I-4)	-33857(11-I-4)	9582(10-I-3)
192	3	-11.34(2)	-1.30(2)	-1.35(4)	-268965(11-I-4)	-33859(11-I-4)	10262(10-I-3)
192	4	-11.42(2)	-1.31(2)	-1.63(4)	-270532(11-I-4)	-33745(11-I-4)	10121(10-I-3)
192	5	-11.13(2)	-1.00(2)	-1.31(4)	-250948(11-I-4)	-31480(11-I-4)	9797(10-I-3)
192	6	-11.19(2)	-1.04(2)	-1.39(4)	-250794(11-I-4)	-31845(11-I-4)	9761(10-I-3)
192	7	-11.20(2)	-1.05(2)	-1.47(4)	-250976(11-I-4)	-31848(11-I-4)	9897(10-I-3)
192	8	-11.19(2)	-1.05(2)	-1.54(4)	-251414(11-I-4)	-31550(11-I-4)	9797(10-I-3)
192	9	-10.96(2)	-0.81(4)	-1.29(4)	-233053(11-I-4)	-29609(11-I-4)	9904(10-I-3)
192	10	-11.01(2)	-0.83(4)	-1.37(4)	-233271(11-I-4)	-29731(11-I-4)	9811(10-I-3)
192	11	-11.04(2)	-0.85(4)	-1.44(4)	-233446(11-I-4)	-29779(11-I-4)	9732(10-I-3)
192	12	-11.03(2)	-0.88(4)	-1.52(4)	-233608(11-I-4)	-29759(11-I-4)	9661(10-I-3)
192	13	-10.80(2)	-0.66(4)	-1.28(4)	-216175(11-I-4)	-27772(11-I-4)	9841(10-I-3)
192	14	-10.85(2)	-0.68(4)	-1.34(4)	-216489(11-I-4)	-27867(11-I-4)	9758(10-I-3)
192	15	-10.88(2)	-0.71(4)	-1.41(4)	-216724(11-I-4)	-27935(11-I-4)	9688(10-I-3)
192	16	-10.88(2)	-0.74(4)	-1.47(4)	-216891(11-I-4)	-27973(11-I-4)	9615(10-I-3)
193	1	-9.25(2)	0.38(2)	0.87(12-I-2)	-120331(4)	-16207(7)	7249(10-I-3)
193	2	-9.30(2)	0.34(2)	0.88(12-I-2)	-120245(4)	-16497(7)	7316(10-I-3)
193	3	-9.34(2)	0.31(10-II-4)	0.89(12-I-2)	-120158(4)	-16745(7)	7380(10-I-3)
193	4	-9.38(2)	0.29(10-II-4)	0.90(12-I-2)	-120069(4)	-16950(7)	7442(10-I-3)
193	5	-9.15(2)	0.39(2)	0.88(12-I-2)	-120857(4)	-16218(7)	7012(10-I-3)
193	6	-9.20(2)	0.35(10-II-4)	0.90(12-I-2)	-120799(4)	-16509(7)	7070(10-I-3)
193	7	-9.24(2)	0.33(10-II-4)	0.90(12-I-2)	-120744(4)	-16758(7)	7128(10-I-3)
193	8	-9.27(2)	0.31(10-II-4)	0.91(12-I-2)	-120688(4)	-16965(7)	7184(10-I-3)
193	9	-9.06(2)	0.39(2)	0.90(12-I-2)	-122008(4)	-16306(7)	6764(10-I-3)
193	10	-9.10(2)	0.36(10-II-4)	0.91(12-I-2)	-121986(4)	-16596(7)	6813(10-I-3)
193	11	-9.14(2)	0.34(10-II-4)	0.92(12-I-2)	-121968(4)	-16843(7)	6862(10-I-3)
193	12	-9.17(2)	0.32(10-II-4)	0.93(12-I-2)	-121952(4)	-17049(7)	6911(10-I-3)
193	13	-8.97(2)	0.38(10-II-4)	0.91(12-I-2)	-123755(4)	-16472(7)	6502(10-I-3)
193	14	-9.01(2)	0.37(10-II-4)	0.92(12-I-2)	-123776(4)	-16756(7)	6541(10-I-3)
193	15	-9.04(2)	0.35(10-II-4)	0.93(12-I-2)	-123802(4)	-16998(7)	6581(10-I-3)
193	16	-9.07(2)	0.33(10-II-4)	0.94(12-I-2)	-123832(4)	-17199(7)	6621(10-I-3)
194	1	-10.65(2)	-0.52(4)	-1.26(4)	-200354(11-I-4)	-26017(11-I-4)	9708(10-I-3)
194	2	-10.70(2)	-0.55(4)	-1.31(4)	-200702(11-I-4)	-26116(11-I-4)	9666(10-I-3)
194	3	-10.73(2)	-0.58(4)	-1.37(4)	-200977(11-I-4)	-26195(11-I-4)	9621(10-I-3)
194	4	-10.74(2)	-0.62(4)	-1.42(4)	-201184(11-I-4)	-26254(11-I-4)	9575(10-I-3)
194	5	-10.52(2)	-0.40(4)	-1.23(4)	-185707(13-I-4)	-24319(11-I-4)	9548(10-I-3)
194	6	-10.56(2)	-0.43(4)	-1.28(4)	-186128(13-I-4)	-24436(11-I-4)	9540(10-I-3)
194	7	-10.59(2)	-0.47(4)	-1.32(4)	-186486(13-I-4)	-24528(11-I-4)	9524(10-I-3)
194	8	-10.61(2)	-0.51(4)	-1.36(4)	-186791(13-I-4)	-24599(11-I-4)	9505(10-I-3)
194	9	-10.39(2)	-0.30(4)	-1.20(4)	-174306(13-I-4)	-22672(11-I-4)	9382(10-I-3)
194	10	-10.43(2)	-0.33(4)	-1.24(4)	-174710(13-I-4)	-22835(11-I-4)	9395(10-I-3)
194	11	-10.47(2)	-0.37(4)	-1.28(4)	-175072(13-I-4)	-22957(13-I-4)	9393(10-I-3)
194	12	-10.49(2)	-0.40(4)	-1.31(4)	-175397(13-I-4)	-23037(13-I-4)	9393(10-I-3)
194	13	-10.26(2)	-0.21(4)	-1.16(4)	-163610(13-I-4)	-21306(13-I-4)	9176(10-I-3)
194	14	-10.31(2)	-0.24(4)	-1.19(4)	-164025(13-I-4)	-21504(13-I-4)	9216(10-I-3)
194	15	-10.34(2)	-0.28(4)	-1.23(4)	-164408(13-I-4)	-21647(13-I-4)	9252(10-I-3)
194	16	-10.37(2)	-0.32(4)	-1.26(4)	-164750(13-I-4)	-21742(13-I-4)	9275(10-I-3)
195	1	-10.14(2)	-0.14(8)	-1.11(4)	-153738(13-I-4)	-20030(13-I-4)	8975(10-I-3)
195	2	-10.19(2)	-0.17(8)	-1.14(4)	-154145(13-I-4)	-20196(13-I-4)	9030(10-I-3)
195	3	-10.22(2)	-0.20(8)	-1.18(4)	-154518(13-I-4)	-20357(13-I-4)	9081(10-I-3)
195	4	-10.25(2)	-0.24(8)	-1.21(4)	-154849(13-I-4)	-20516(13-I-4)	9120(10-I-3)
195	5	-10.02(2)	0.13(11-I-4)	-1.06(4)	-144647(13-I-4)	-18789(13-I-4)	8781(10-I-3)
195	6	-10.07(2)	-0.11(8)	-1.10(4)	-145011(13-I-4)	-18975(13-I-4)	8842(10-I-3)
195	7	-10.11(2)	-0.15(8)	-1.13(4)	-145348(13-I-4)	-19154(13-I-4)	8891(10-I-3)
195	8	-10.14(2)	-0.19(8)	-1.17(4)	-145661(13-I-4)	-19328(13-I-4)	8940(10-I-3)
195	9	-9.90(2)	0.17(11-I-4)	-1.01(4)	-136138(13-I-4)	-17788(7)	8563(10-I-3)
195	10	-9.95(2)	0.14(11-I-4)	-1.05(4)	-136480(13-I-4)	-18003(7)	8636(10-I-3)
195	11	-9.99(2)	0.12(11-I-4)	-1.09(4)	-136803(13-I-4)	-18179(7)	8704(10-I-3)
195	12	-10.03(2)	-0.14(8)	-1.12(4)	-137110(13-I-4)	-18317(7)	8765(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
195	13	-9.79(2)	0.20(2)	-0.97(4)	-128214(13-I-4)	-17335(7)	8351(10-I-3)
195	14	-9.84(2)	0.18(11-I-4)	-1.00(4)	-128534(13-I-4)	-17569(7)	8430(10-I-3)
195	15	-9.88(2)	0.15(11-I-4)	-1.04(4)	-128838(13-I-4)	-17762(7)	8503(10-I-3)
195	16	-9.92(2)	0.13(11-I-4)	-1.07(4)	-129127(13-I-4)	-17918(7)	8569(10-I-3)
196	1	-9.67(2)	0.25(2)	-0.92(4)	-125099(4)	-16955(7)	8136(10-I-3)
196	2	-9.73(2)	0.21(2)	-0.96(4)	-124957(4)	-17206(7)	8218(10-I-3)
196	3	-9.77(2)	0.19(10-II-4)	-0.99(4)	-124801(4)	-17415(7)	8294(10-I-3)
196	4	-9.81(2)	0.16(10-II-4)	-1.02(4)	-124629(4)	-17586(7)	8363(10-I-3)
196	5	-9.56(2)	0.30(2)	-0.88(4)	-122810(4)	-16651(7)	7920(10-I-3)
196	6	-9.62(2)	0.26(2)	-0.91(4)	-122675(4)	-16916(7)	8002(10-I-3)
196	7	-9.66(2)	0.23(10-II-4)	-0.94(4)	-122529(4)	-17139(7)	8078(10-I-3)
196	8	-9.70(2)	0.20(10-II-4)	-0.97(4)	-122372(4)	-17323(7)	8148(10-I-3)
196	9	-9.45(2)	0.33(2)	0.83(12-I-2)	-121275(4)	-16424(7)	7701(10-I-3)
196	10	-9.51(2)	0.29(2)	-0.87(4)	-121151(4)	-16701(7)	7780(10-I-3)
196	11	-9.55(2)	0.26(10-II-4)	-0.90(4)	-121020(4)	-16935(7)	7854(10-I-3)
196	12	-9.59(2)	0.24(10-II-4)	-0.93(4)	-120880(4)	-17129(7)	7923(10-I-3)
196	13	-9.35(2)	0.36(2)	0.85(12-I-2)	-120460(4)	-16276(7)	7478(10-I-3)
196	14	-9.40(2)	0.32(2)	0.86(12-I-2)	-120351(4)	-16561(7)	7552(10-I-3)
196	15	-9.45(2)	0.29(10-II-4)	0.87(12-I-2)	-120240(4)	-16804(7)	7622(10-I-3)
196	16	-9.48(2)	0.27(10-II-4)	-0.88(4)	-120123(4)	-17005(7)	7689(10-I-3)
197	1	-8.88(2)	0.38(10-II-4)	0.92(12-I-2)	-126069(4)	-16715(7)	6225(10-I-3)
197	2	-8.92(2)	0.37(10-II-4)	0.94(12-I-2)	-126141(4)	-16988(7)	6252(10-I-3)
197	3	-8.95(2)	0.35(10-II-4)	0.95(12-I-2)	-126219(4)	-17221(7)	6282(10-I-3)
197	4	-8.97(2)	0.34(10-II-4)	0.96(12-I-2)	-126302(4)	-17511(2)	6314(10-I-3)
197	5	-8.80(2)	0.38(10-II-4)	0.94(12-I-2)	-129154(2)	-17031(7)	5928(10-I-3)
197	6	-8.83(2)	0.37(10-II-4)	0.95(12-I-2)	-129445(2)	-17291(7)	5944(10-I-3)
197	7	-8.85(2)	0.35(10-II-4)	0.96(12-I-2)	-129735(2)	-17510(7)	5963(10-I-3)
197	8	-8.87(2)	0.34(10-II-4)	0.97(12-I-2)	-130021(2)	-17969(2)	5986(10-I-3)
197	9	-8.72(2)	0.38(10-II-4)	0.95(12-I-2)	-133691(2)	-17418(7)	5609(10-I-3)
197	10	-8.74(2)	0.36(10-II-4)	0.96(12-I-2)	-134009(2)	-17660(7)	5613(10-I-3)
197	11	-8.76(2)	0.35(10-II-4)	0.97(12-I-2)	-134327(2)	-17937(2)	5622(10-I-3)
197	12	-8.77(2)	0.34(10-II-4)	0.98(12-I-2)	-134639(2)	-18503(2)	5636(10-I-3)
197	13	-8.64(2)	0.37(10-II-4)	0.96(12-I-2)	-138763(2)	-17874(7)	5265(10-I-3)
197	14	-8.66(2)	0.35(10-II-4)	0.97(12-I-2)	-139112(2)	-18092(7)	5257(10-I-3)
197	15	-8.67(2)	0.34(10-II-4)	0.98(12-I-2)	-139459(2)	-18573(2)	5256(10-I-3)
197	16	-8.67(2)	0.33(10-II-4)	0.99(12-I-2)	-139798(2)	-19108(2)	5261(10-I-3)
198	1	-8.56(2)	0.35(10-II-4)	0.96(12-I-2)	-144350(2)	-18393(7)	4892(10-I-3)
198	2	-8.57(2)	0.34(10-II-4)	0.98(12-I-2)	-144733(2)	-18690(2)	4874(10-I-3)
198	3	-8.57(2)	0.33(10-II-4)	0.99(12-I-2)	-145111(2)	-19282(2)	4863(10-I-3)
198	4	-8.57(2)	0.32(10-II-4)	0.99(12-I-2)	-145480(2)	-19779(2)	4859(10-I-3)
198	5	-8.48(2)	0.33(10-II-4)	0.97(12-I-2)	-150435(2)	-18972(7)	4546(11-II-2)
198	6	-8.48(2)	0.33(10-II-4)	0.98(12-I-2)	-150855(2)	-19513(2)	4498(11-II-2)
198	7	-8.48(2)	-0.34(4)	0.99(12-I-2)	-151266(2)	-20057(2)	4466(11-II-2)
198	8	-8.47(2)	-0.37(4)	1.00(12-I-2)	-151664(2)	-20511(2)	4448(11-II-2)
198	9	-8.40(2)	-0.37(4)	0.97(12-I-2)	-157002(2)	-19815(2)	4163(11-II-2)
198	10	-8.40(2)	-0.40(4)	0.99(12-I-2)	-157459(2)	-20405(2)	4113(11-II-2)
198	11	-8.38(2)	-0.43(4)	0.99(12-I-2)	-157903(2)	-20895(2)	4077(11-II-2)
198	12	-8.37(2)	-0.46(4)	1.00(12-I-2)	-158331(2)	-21295(2)	4060(11-II-2)
198	13	-8.32(2)	-0.46(4)	0.98(12-I-2)	-164036(2)	-20843(2)	3742(11-II-2)
198	14	-8.31(2)	-0.50(4)	0.99(12-I-2)	-164527(2)	-21358(2)	3686(11-II-2)
198	15	-8.29(2)	-0.53(4)	0.99(12-I-2)	-165001(2)	-21788(2)	3652(11-II-2)
198	16	-8.26(2)	-0.55(4)	1.00(12-I-2)	-165462(2)	-22141(2)	3632(11-II-2)
199	1	-8.26(2)	-0.54(4)	0.97(12-I-2)	-169797(2)	-21668(2)	3369(11-II-2)
199	2	-8.24(2)	-0.57(4)	0.98(12-I-2)	-170304(2)	-22126(2)	3329(11-II-2)
199	3	-8.22(2)	-0.60(4)	0.99(12-I-2)	-170802(2)	-22504(2)	3303(11-II-2)
199	4	-8.18(2)	-0.63(4)	0.99(12-I-2)	-171280(2)	-22813(2)	3301(11-II-2)
199	5	-8.22(2)	-0.60(4)	0.97(12-I-2)	-174054(2)	-22251(2)	3107(11-II-2)
199	6	-8.19(2)	-0.63(4)	0.98(12-I-2)	-174581(2)	-22675(2)	3064(11-II-2)
199	7	-8.16(2)	-0.66(4)	0.99(12-I-2)	-175090(2)	-23014(2)	3047(11-II-2)
199	8	-8.13(2)	-0.68(4)	0.99(12-I-2)	-175580(2)	-23279(2)	3045(11-II-2)
199	9	-8.18(2)	-0.66(4)	0.97(12-I-2)	-178444(2)	-22857(2)	-3109(13-I-2)
199	10	-8.14(2)	-0.69(4)	0.97(12-I-2)	-178990(2)	-23224(2)	-3097(13-I-2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
199	11	-8.11(2)	-0.71(4)	0.98(12-I-2)	-179511(2)	-23522(2)	-3069(13-I-2)
199	12	-8.07(2)	-0.74(4)	0.98(12-I-2)	-180005(2)	-23763(2)	-3030(13-I-2)
199	13	-8.14(2)	-0.72(4)	0.96(12-I-2)	-182972(2)	-23425(2)	-3197(13-I-2)
199	14	-8.09(2)	-0.74(4)	0.97(12-I-2)	-183536(2)	-23781(2)	-3184(13-I-2)
199	15	-8.05(2)	-0.77(4)	0.97(12-I-2)	-184067(2)	-24039(2)	-3158(13-I-2)
199	16	-8.01(2)	-0.79(4)	0.98(12-I-2)	-184558(2)	-24204(2)	-3117(13-I-2)
200	1	-8.03(2)	-0.83(4)	0.94(12-I-2)	-192219(2)	-24691(2)	-3374(13-I-2)
200	2	-7.99(2)	-0.86(4)	0.95(12-I-2)	-192800(2)	-24955(2)	-3409(13-II-4)
200	3	-7.94(2)	-0.88(4)	0.95(12-I-2)	-193334(2)	-25123(2)	-3459(13-II-4)
200	4	-7.88(2)	-0.90(4)	0.96(12-I-2)	-193828(2)	-25215(2)	-3499(13-II-4)
200	5	-7.90(2)	-1.00(4)	0.90(12-I-2)	-206831(2)	-26677(2)	-4278(6)
200	6	-7.84(2)	-1.01(4)	0.91(12-I-2)	-207375(2)	-26757(2)	-4278(6)
200	7	-7.77(2)	-1.03(4)	0.91(12-I-2)	-207869(2)	-26810(2)	-4261(6)
200	8	-7.70(2)	-1.05(4)	0.92(12-I-2)	-208316(2)	-26816(2)	-4225(6)
200	9	-7.76(2)	-1.12(4)	0.84(12-I-2)	-222434(2)	-28654(2)	-4864(12-I-1)
200	10	-7.69(2)	-1.12(4)	0.85(12-I-2)	-222877(2)	-28652(2)	-4954(12-I-1)
200	11	-7.61(2)	-1.14(4)	0.85(12-I-2)	-223187(2)	-28583(2)	-5038(12-I-1)
200	12	-7.52(2)	-1.16(4)	0.86(12-I-2)	-223476(2)	-28509(2)	-5138(12-I-1)
200	13	-7.63(2)	-1.47(2)	0.76(12-I-2)	-238754(2)	-31258(2)	-6648(12-I-1)
200	14	-7.54(2)	-1.32(2)	0.77(12-I-2)	-238818(2)	-31043(2)	-6803(12-I-1)
200	15	-7.45(2)	-1.19(2)	0.77(12-I-2)	-238919(2)	-30782(2)	-6941(12-I-1)
200	16	-7.35(2)	-1.20(4)	0.78(12-I-2)	-238862(2)	-30446(2)	-7037(12-I-1)
201	1	-1.59(2)	8.44(11-I-4)	-2.06(10-I-1)	-9315(2)	35206(11-I-4)	21921(2)
201	2	-1.01(12-II-1)	11.91(11-I-4)	-2.35(10-I-3)	-5232(12-II-1)	49456(11-I-4)	21917(2)
201	3	-0.50(12-II-1)	15.51(11-I-4)	-2.28(10-I-3)	4787(10-I-1)	62905(11-I-4)	26176(2)
201	4	0.69(10-I-1)	19.13(11-I-4)	-1.35(10-I-3)	8888(10-I-3)	88990(11-I-4)	19910(2)
201	5	0.87(10-I-1)	18.78(11-I-4)	-1.00(10-I-3)	6111(10-I-3)	108358(4)	7815(2)
201	6	0.69(10-I-1)	18.82(11-I-4)	0.77(12-II-3)	2985(4)	108080(4)	-7274(4)
201	7	0.88(10-I-1)	19.18(11-I-4)	1.40(12-II-4)	2538(2)	88197(11-I-4)	-18881(4)
201	8	-0.72(12-II-1)	15.70(11-I-4)	2.30(12-II-1)	-1405(10-II-1)	63033(11-I-4)	-23622(4)
201	9	-1.23(12-II-1)	12.04(11-I-4)	2.56(12-II-1)	-4048(12-II-1)	49953(11-I-4)	-16325(8)
201	10	-1.93(2)	8.60(11-I-4)	2.76(12-II-1)	-6520(10-II-1)	36249(11-I-4)	-14043(11-I-4)
201	11	-2.39(2)	-7.61(13-II-4)	3.24(2)	-7890(10-II-1)	-33484(13-II-4)	-11114(10-I-1)
201	12	-2.67(2)	-9.28(13-II-4)	3.51(2)	-10047(10-II-1)	-44707(2)	8986(12-II-1)
201	13	-2.32(2)	-9.57(13-II-4)	2.77(12-II-1)	-13181(2)	-47090(2)	19183(2)
201	14	-2.06(2)	-7.83(13-II-4)	1.88(12-II-1)	-12085(2)	-34919(13-II-4)	21954(2)
201	15	0.80(10-I-1)	16.75(11-I-4)	-1.14(10-I-3)	-4026(12-II-1)	73428(11-I-4)	-6754(10-I-3)
202	1	-8.25(2)	0.57(2)	0.76(12-I-2)	-125955(4)	-13335(7)	6129(10-I-3)
202	2	-8.49(2)	0.54(2)	0.82(12-I-2)	-125892(4)	-14486(7)	6136(10-I-3)
202	3	-8.68(2)	0.48(2)	0.87(12-I-2)	-125909(4)	-15450(7)	6157(10-I-3)
202	4	-8.81(2)	0.42(2)	0.90(12-I-2)	-125986(4)	-16233(7)	6192(10-I-3)
202	5	-8.21(2)	0.55(2)	0.77(12-I-2)	-128423(4)	-13755(7)	5949(10-I-3)
202	6	-8.44(2)	0.52(2)	0.83(12-I-2)	-128452(4)	-14882(7)	5920(10-I-3)
202	7	-8.61(2)	0.46(2)	0.88(12-I-2)	-128570(4)	-15817(7)	5908(10-I-3)
202	8	-8.73(2)	0.40(10-II-4)	0.91(12-I-2)	-128756(4)	-16571(7)	5914(10-I-3)
202	9	-8.17(2)	0.53(2)	0.77(12-I-2)	-132209(2)	-14280(7)	5842(11-II-2)
202	10	-8.39(2)	0.49(2)	0.83(12-I-2)	-132391(2)	-15375(7)	5701(11-II-2)
202	11	-8.55(2)	0.43(2)	0.88(12-I-2)	-132749(2)	-16272(7)	5638(10-I-3)
202	12	-8.66(2)	0.39(10-II-4)	0.92(12-I-2)	-133249(2)	-16987(7)	5615(10-I-3)
202	13	-8.15(2)	0.50(2)	0.78(12-I-2)	-137032(2)	-14910(7)	5730(11-II-2)
202	14	-8.35(2)	0.45(2)	0.84(12-I-2)	-137280(2)	-15964(7)	5537(11-II-2)
202	15	-8.50(2)	0.40(10-II-4)	0.89(12-I-2)	-137705(2)	-16813(7)	5374(11-II-2)
202	16	-8.59(2)	0.38(10-II-4)	0.93(12-I-2)	-138272(2)	-17478(7)	5290(10-I-3)
203	1	-9.49(2)	0.30(11-I-4)	-0.73(4)	-149939(13-I-4)	-17347(13-I-4)	8325(10-I-3)
203	2	-9.71(2)	0.23(11-I-4)	-0.85(4)	-151103(13-I-4)	-18308(13-I-4)	8551(10-I-3)
203	3	-9.90(2)	0.17(11-I-4)	-0.95(4)	-152192(13-I-4)	-19075(13-I-4)	8751(10-I-3)
203	4	-10.05(2)	0.12(11-I-4)	-1.04(4)	-153118(13-I-4)	-19697(13-I-4)	8899(10-I-3)
203	5	-9.35(2)	0.33(2)	0.69(10-I-2)	-141220(13-I-4)	-16404(4)	8060(10-I-3)
203	6	-9.58(2)	0.27(11-I-4)	-0.80(4)	-142239(13-I-4)	-17260(4)	8296(10-I-3)
203	7	-9.77(2)	0.22(11-I-4)	-0.91(4)	-143165(13-I-4)	-17819(4)	8492(10-I-3)
203	8	-9.93(2)	0.17(11-I-4)	-1.00(4)	-144034(13-I-4)	-18433(13-I-4)	8671(10-I-3)
203	9	-9.21(2)	0.39(2)	0.71(10-I-2)	-133086(13-I-4)	-15567(4)	7803(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
203	10	-9.45(2)	0.33(2)	-0.76(4)	-133964(13-I-4)	-16471(4)	8045(10-I-3)
203	11	-9.65(2)	0.27(2)	-0.86(4)	-134796(13-I-4)	-17055(4)	8262(10-I-3)
203	12	-9.81(2)	0.20(11-I-4)	-0.95(4)	-135583(13-I-4)	-17403(7)	8447(10-I-3)
203	13	-9.08(2)	0.44(2)	0.73(10-I-2)	-128628(4)	-14836(4)	7580(10-I-3)
203	14	-9.33(2)	0.39(2)	0.74(12-I-2)	-128592(4)	-15765(4)	7818(10-I-3)
203	15	-9.53(2)	0.33(2)	-0.82(4)	-128502(4)	-16370(4)	8036(10-I-3)
203	16	-9.69(2)	0.26(2)	-0.91(4)	-128344(4)	-16917(7)	8226(10-I-3)
204	1	-8.04(2)	-0.62(4)	0.84(12-I-2)	-187438(2)	-23137(2)	3068(11-II-2)
204	2	-8.11(2)	-0.69(4)	0.88(12-I-2)	-188753(2)	-23539(2)	-3104(13-I-2)
204	3	-8.12(2)	-0.75(4)	0.91(12-I-2)	-190059(2)	-23904(2)	-3275(13-I-2)
204	4	-8.08(2)	-0.80(4)	0.93(12-I-2)	-191316(2)	-24369(2)	-3358(13-I-2)
204	5	-7.98(2)	-1.01(2)	0.82(12-I-2)	-201612(2)	-26273(2)	-3177(13-I-2)
204	6	-8.03(2)	-0.97(2)	0.85(12-I-2)	-203151(2)	-26364(2)	-3480(6)
204	7	-8.02(2)	-0.95(4)	0.87(12-I-2)	-204594(2)	-26395(2)	-3964(6)
204	8	-7.97(2)	-0.97(4)	0.89(12-I-2)	-205916(2)	-26491(2)	-4210(6)
204	9	-7.89(2)	-1.63(2)	0.77(12-I-2)	-217356(2)	-29368(2)	-3632(13-I-2)
204	10	-7.93(2)	-1.50(2)	0.80(12-I-2)	-218916(2)	-29211(2)	-3955(12-I-1)
204	11	-7.92(2)	-1.36(2)	0.81(12-I-2)	-220313(2)	-28987(2)	-4377(12-I-1)
204	12	-7.85(2)	-1.22(2)	0.83(12-I-2)	-221579(2)	-28769(2)	-4692(12-I-1)
204	13	-7.77(2)	-2.35(2)	0.67(12-I-2)	-234943(2)	-32226(2)	-5306(12-I-1)
204	14	-7.82(2)	-2.11(2)	0.70(12-I-2)	-236186(2)	-31947(2)	-5741(12-I-1)
204	15	-7.81(2)	-1.88(2)	0.72(12-I-2)	-237165(2)	-31604(2)	-6130(12-I-1)
204	16	-7.75(2)	-1.63(2)	0.74(12-I-2)	-238162(2)	-31288(2)	-6503(12-I-1)
205	1	-10.57(2)	-1.16(2)	-1.20(4)	-265251(11-I-4)	-33024(11-I-4)	10357(10-I-3)
205	2	-10.34(2)	-1.20(2)	-1.48(4)	-265549(11-I-4)	-33325(11-I-4)	10329(10-I-3)
205	3	-10.50(2)	-1.23(2)	-0.99(4)	-267020(11-I-4)	-33537(11-I-4)	10878(10-I-3)
205	4	-11.14(2)	-1.25(2)	-1.22(4)	-269756(11-I-4)	-33651(11-I-4)	10555(10-I-3)
205	5	-10.42(2)	-0.89(2)	-1.23(4)	-246135(11-I-4)	-30532(11-I-4)	10353(10-I-3)
205	6	-10.35(2)	-1.03(2)	-1.29(4)	-247200(11-I-4)	-31165(11-I-4)	10367(10-I-3)
205	7	-10.51(2)	-1.08(2)	-1.12(4)	-248689(11-I-4)	-31439(11-I-4)	10595(10-I-3)
205	8	-10.97(2)	-0.99(2)	-1.17(4)	-250383(11-I-4)	-31367(11-I-4)	10340(10-I-3)
205	9	-10.28(2)	-0.67(2)	-1.17(4)	-228250(11-I-4)	-28341(11-I-4)	10220(10-I-3)
205	10	-10.32(2)	-0.80(2)	-1.20(4)	-229683(11-I-4)	-28988(11-I-4)	10247(10-I-3)
205	11	-10.49(2)	-0.85(4)	-1.15(4)	-231064(11-I-4)	-29336(11-I-4)	10292(10-I-3)
205	12	-10.80(2)	-0.81(4)	-1.19(4)	-232359(11-I-4)	-29478(11-I-4)	10158(10-I-3)
205	13	-10.16(2)	-0.47(4)	-1.09(4)	-211425(11-I-4)	-26248(11-I-4)	9978(10-I-3)
205	14	-10.26(2)	-0.59(4)	-1.14(4)	-212979(11-I-4)	-26931(11-I-4)	10019(10-I-3)
205	15	-10.43(2)	-0.65(4)	-1.15(4)	-214330(11-I-4)	-27373(11-I-4)	10042(10-I-3)
205	16	-10.66(2)	-0.66(4)	-1.20(4)	-215486(11-I-4)	-27638(11-I-4)	9965(10-I-3)
206	1	-8.53(2)	0.56(2)	0.76(12-I-2)	-121077(4)	-12771(4)	6743(10-I-3)
206	2	-8.79(2)	0.54(2)	0.80(12-I-2)	-120841(4)	-13876(7)	6876(10-I-3)
206	3	-9.00(2)	0.49(2)	0.83(12-I-2)	-120641(4)	-14880(7)	7014(10-I-3)
206	4	-9.16(2)	0.43(2)	0.85(12-I-2)	-120463(4)	-15701(7)	7150(10-I-3)
206	5	-8.44(2)	0.57(2)	0.76(12-I-2)	-121486(4)	-12694(7)	6597(10-I-3)
206	6	-8.70(2)	0.54(2)	0.80(12-I-2)	-121265(4)	-13882(7)	6701(10-I-3)
206	7	-8.91(2)	0.50(2)	0.84(12-I-2)	-121092(4)	-14886(7)	6813(10-I-3)
206	8	-9.06(2)	0.44(2)	0.87(12-I-2)	-120953(4)	-15709(7)	6927(10-I-3)
206	9	-8.37(2)	0.57(2)	0.76(12-I-2)	-122456(4)	-12804(7)	6449(10-I-3)
206	10	-8.62(2)	0.55(2)	0.81(12-I-2)	-122269(4)	-13986(7)	6522(10-I-3)
206	11	-8.82(2)	0.50(2)	0.85(12-I-2)	-122140(4)	-14983(7)	6605(10-I-3)
206	12	-8.97(2)	0.44(2)	0.88(12-I-2)	-122056(4)	-15801(7)	6695(10-I-3)
206	13	-8.31(2)	0.57(2)	0.76(12-I-2)	-123956(4)	-13018(7)	6295(10-I-3)
206	14	-8.55(2)	0.55(2)	0.81(12-I-2)	-123821(4)	-14187(7)	6335(10-I-3)
206	15	-8.75(2)	0.50(2)	0.86(12-I-2)	-123756(4)	-15171(7)	6388(10-I-3)
206	16	-8.89(2)	0.43(2)	0.89(12-I-2)	-123744(4)	-15976(7)	6451(10-I-3)
207	1	-10.04(2)	-0.30(4)	-1.01(4)	-195720(11-I-4)	-24249(11-I-4)	9660(10-I-3)
207	2	-10.18(2)	-0.41(4)	-1.08(4)	-197274(11-I-4)	-24990(11-I-4)	9745(10-I-3)
207	3	-10.35(2)	-0.47(4)	-1.13(4)	-198586(11-I-4)	-25506(11-I-4)	9791(10-I-3)
207	4	-10.54(2)	-0.51(4)	-1.19(4)	-199677(11-I-4)	-25848(11-I-4)	9767(10-I-3)
207	5	-9.91(2)	-0.15(13-II-4)	-0.93(4)	-181095(11-I-4)	-22329(11-I-4)	9312(10-I-3)
207	6	-10.08(2)	-0.25(4)	-1.02(4)	-182581(11-I-4)	-23138(11-I-4)	9449(10-I-3)
207	7	-10.25(2)	-0.32(4)	-1.09(4)	-183832(11-I-4)	-23718(11-I-4)	9533(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
207	8	-10.41(2)	-0.37(4)	-1.17(4)	-184960(13-I-4)	-24115(11-I-4)	9557(10-I-3)
207	9	-9.77(2)	0.19(11-I-4)	-0.86(4)	-169822(13-I-4)	-20481(11-I-4)	8971(10-I-3)
207	10	-9.97(2)	-0.13(13-II-4)	-0.97(4)	-171249(13-I-4)	-21377(11-I-4)	9152(10-I-3)
207	11	-10.13(2)	-0.19(4)	-1.05(4)	-172482(13-I-4)	-22004(11-I-4)	9264(10-I-3)
207	12	-10.29(2)	-0.26(4)	-1.13(4)	-173577(13-I-4)	-22420(11-I-4)	9335(10-I-3)
207	13	-9.63(2)	0.24(11-I-4)	-0.79(4)	-159450(13-I-4)	-18767(13-I-4)	8626(10-I-3)
207	14	-9.84(2)	0.17(11-I-4)	-0.91(4)	-160748(13-I-4)	-19745(13-I-4)	8838(10-I-3)
207	15	-10.02(2)	0.12(11-I-4)	-1.01(4)	-161949(13-I-4)	-20463(13-I-4)	9012(10-I-3)
207	16	-10.17(2)	-0.16(4)	-1.09(4)	-162954(13-I-4)	-20984(13-I-4)	9119(10-I-3)
208	1	-8.95(2)	0.48(2)	0.74(10-I-2)	-125719(4)	-14210(4)	7383(10-I-3)
208	2	-9.21(2)	0.43(2)	0.75(12-I-2)	-125606(4)	-15153(4)	7608(10-I-3)
208	3	-9.41(2)	0.38(2)	-0.77(4)	-125464(4)	-15776(4)	7820(10-I-3)
208	4	-9.58(2)	0.31(2)	-0.86(4)	-125276(4)	-16510(7)	8009(10-I-3)
208	5	-8.83(2)	0.51(2)	0.75(10-I-2)	-123547(4)	-13688(4)	7205(10-I-3)
208	6	-9.09(2)	0.47(2)	0.77(12-I-2)	-123376(4)	-14640(4)	7413(10-I-3)
208	7	-9.30(2)	0.42(2)	0.79(12-I-2)	-123195(4)	-15410(7)	7612(10-I-3)
208	8	-9.46(2)	0.35(2)	-0.82(4)	-122990(4)	-16183(7)	7794(10-I-3)
208	9	-8.72(2)	0.53(2)	0.75(12-I-2)	-122074(4)	-13273(4)	7042(10-I-3)
208	10	-8.98(2)	0.50(2)	0.78(12-I-2)	-121862(4)	-14230(4)	7228(10-I-3)
208	11	-9.19(2)	0.45(2)	0.80(12-I-2)	-121658(4)	-15142(7)	7410(10-I-3)
208	12	-9.36(2)	0.39(2)	0.82(12-I-2)	-121448(4)	-15939(7)	7581(10-I-3)
208	13	-8.62(2)	0.55(2)	0.76(12-I-2)	-121262(4)	-12968(4)	6889(10-I-3)
208	14	-8.88(2)	0.52(2)	0.79(12-I-2)	-121029(4)	-13969(7)	7050(10-I-3)
208	15	-9.09(2)	0.47(2)	0.81(12-I-2)	-120818(4)	-14965(7)	7212(10-I-3)
208	16	-9.25(2)	0.41(2)	0.84(12-I-2)	-120617(4)	-15778(7)	7367(10-I-3)
209	1	-8.13(2)	0.45(2)	0.79(12-I-2)	-142324(2)	-15648(7)	5576(11-II-2)
209	2	-8.32(2)	0.40(10-II-4)	0.85(12-I-2)	-142654(2)	-16647(7)	5328(11-II-2)
209	3	-8.45(2)	0.39(10-II-4)	0.90(12-I-2)	-143161(2)	-17436(7)	5123(11-II-2)
209	4	-8.53(2)	0.37(10-II-4)	0.94(12-I-2)	-143805(2)	-18041(7)	4971(11-II-2)
209	5	-8.11(2)	0.39(10-II-4)	0.80(12-I-2)	-148065(2)	-16492(7)	5374(11-II-2)
209	6	-8.29(2)	0.38(10-II-4)	0.86(12-I-2)	-148496(2)	-17424(7)	5069(11-II-2)
209	7	-8.40(2)	0.36(10-II-4)	0.91(12-I-2)	-149100(2)	-18139(7)	4824(11-II-2)
209	8	-8.46(2)	0.35(10-II-4)	0.95(12-I-2)	-149830(2)	-18671(7)	4645(11-II-2)
209	9	-8.10(2)	0.36(10-II-4)	0.81(12-I-2)	-154241(2)	-17443(7)	5114(11-II-2)
209	10	-8.26(2)	0.35(10-II-4)	0.87(12-I-2)	-154795(2)	-18290(7)	4753(11-II-2)
209	11	-8.35(2)	0.33(10-II-4)	0.92(12-I-2)	-155510(2)	-18915(7)	4472(11-II-2)
209	12	-8.39(2)	0.32(10-II-4)	0.95(12-I-2)	-156334(2)	-19363(7)	4271(11-II-2)
209	13	-8.10(2)	0.32(10-II-4)	0.82(12-I-2)	-160843(2)	-18497(7)	4789(11-II-2)
209	14	-8.23(2)	0.31(10-II-4)	0.88(12-I-2)	-161542(2)	-19241(7)	4376(11-II-2)
209	15	-8.30(2)	-0.34(4)	0.92(12-I-2)	-162384(2)	-19760(7)	4062(11-II-2)
209	16	-8.33(2)	-0.41(4)	0.96(12-I-2)	-163307(2)	-20100(7)	3852(11-II-2)
210	1	-8.09(2)	0.28(10-II-4)	0.83(12-I-2)	-166243(2)	-19376(7)	4490(11-II-2)
210	2	-8.21(2)	-0.34(4)	0.88(12-I-2)	-167065(2)	-20028(7)	4041(11-II-2)
210	3	-8.27(2)	-0.42(4)	0.93(12-I-2)	-168010(2)	-20456(7)	3709(11-II-2)
210	4	-8.28(2)	-0.50(4)	0.96(12-I-2)	-169020(2)	-20856(2)	3480(11-II-2)
210	5	-8.08(2)	-0.31(4)	0.83(12-I-2)	-170239(2)	-20036(7)	4250(11-II-2)
210	6	-8.19(2)	-0.40(4)	0.89(12-I-2)	-171157(2)	-20614(7)	3780(11-II-2)
210	7	-8.24(2)	-0.48(4)	0.93(12-I-2)	-172177(2)	-20972(7)	3436(11-II-2)
210	8	-8.24(2)	-0.56(4)	0.96(12-I-2)	-173244(2)	-21538(2)	3212(11-II-2)
210	9	-8.08(2)	-0.38(4)	0.84(12-I-2)	-174368(2)	-20720(7)	3986(11-II-2)
210	10	-8.17(2)	-0.47(4)	0.89(12-I-2)	-175385(2)	-21218(7)	3501(11-II-2)
210	11	-8.21(2)	-0.55(4)	0.93(12-I-2)	-176481(2)	-21506(7)	3151(11-II-2)
210	12	-8.20(2)	-0.62(4)	0.95(12-I-2)	-177606(2)	-22233(2)	-3095(13-I-2)
210	13	-8.07(2)	-0.45(4)	0.84(12-I-2)	-178634(2)	-21425(7)	3700(11-II-2)
210	14	-8.16(2)	-0.54(4)	0.89(12-I-2)	-179754(2)	-21838(7)	3203(11-II-2)
210	15	-8.19(2)	-0.62(4)	0.92(12-I-2)	-180919(2)	-22287(2)	-3093(13-I-2)
210	16	-8.17(2)	-0.68(4)	0.95(12-I-2)	-182100(2)	-22975(2)	-3179(13-I-2)
211	1	-1.57(10-II-1)	9.15(11-I-4)	-2.49(10-I-3)	-13471(2)	36831(11-I-4)	23337(2)
211	2	-1.08(12-II-1)	12.32(11-I-4)	-2.86(11-I-4)	-8556(2)	50338(11-I-4)	23671(2)
211	3	-0.73(10-II-1)	15.54(11-I-4)	-2.71(11-I-4)	6074(10-I-1)	63315(11-I-4)	25316(2)
211	4	0.37(12-I-1)	18.43(11-I-4)	-1.87(1)	10972(10-I-3)	94838(4)	17813(2)
211	5	0.50(12-I-1)	17.25(11-I-4)	-1.15(10-I-3)	8228(10-I-2)	132742(4)	5432(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
211	6	0.59(10-I-1)	17.33(11-I-4)	-0.86(10-I-3)	4499(2)	131488(4)	-5195(2)
211	7	0.83(10-I-1)	18.38(11-I-4)	1.49(2)	-4003(11-I-4)	93427(1)	-18364(2)
211	8	-1.15(12-II-1)	15.78(11-I-4)	2.42(12-II-3)	-4474(11-I-4)	62971(11-I-4)	-27071(4)
211	9	-1.52(2)	12.62(11-I-4)	2.80(12-II-1)	-4079(10-II-1)	51584(11-I-4)	-22662(4)
211	10	-2.29(2)	9.53(11-I-4)	3.15(2)	-5192(12-II-1)	39490(11-I-4)	-19248(11-I-4)
211	11	-2.71(2)	6.98(11-I-4)	3.73(2)	-5543(12-II-1)	-29985(13-II-4)	-14769(11-I-4)
211	12	-2.62(2)	-7.61(13-II-4)	3.89(2)	-8699(2)	-43374(2)	9832(2)
211	13	-2.17(2)	-8.46(13-II-4)	2.47(12-II-1)	-16296(2)	-49550(2)	20735(2)
211	14	-1.91(10-II-1)	-6.84(13-II-4)	-1.88(10-I-1)	-16890(2)	-33995(13-II-4)	23388(2)
211	15	0.79(10-I-1)	15.85(11-I-4)	-1.30(10-I-3)	-7555(2)	81821(11-I-4)	-8465(10-I-3)
212	1	-6.66(2)	0.44(2)	0.47(10-I-2)	-127219(4)	-7054(4)	6173(10-I-3)
212	2	-7.15(2)	0.52(2)	0.55(10-I-2)	-126750(4)	-8818(7)	6173(10-I-3)
212	3	-7.58(2)	0.56(2)	0.62(10-I-2)	-126377(4)	-10481(7)	6154(10-I-3)
212	4	-7.95(2)	0.58(2)	0.70(12-I-2)	-126113(4)	-11996(7)	6136(10-I-3)
212	5	-6.61(2)	0.46(2)	0.44(10-I-2)	-129482(4)	-7441(7)	6106(10-I-3)
212	6	-7.12(2)	0.52(2)	0.53(10-I-2)	-129032(4)	-9244(7)	6089(10-I-3)
212	7	-7.55(2)	0.56(2)	0.61(12-I-2)	-128703(4)	-10921(7)	6073(11-II-2)
212	8	-7.91(2)	0.57(2)	0.70(12-I-2)	-128501(4)	-12432(7)	6008(11-II-2)
212	9	-6.58(2)	0.47(2)	0.42(10-I-2)	-133680(2)	-7932(7)	6159(11-II-2)
212	10	-7.09(2)	0.53(2)	0.51(10-I-2)	-132969(2)	-9779(7)	6184(11-II-2)
212	11	-7.53(2)	0.56(2)	0.61(12-I-2)	-132482(2)	-11472(7)	6112(11-II-2)
212	12	-7.89(2)	0.56(2)	0.70(12-I-2)	-132231(2)	-12978(7)	5987(11-II-2)
212	13	-6.56(2)	0.48(2)	0.40(10-I-2)	-138423(2)	-8529(7)	6316(11-II-2)
212	14	-7.08(2)	0.53(2)	0.50(12-I-2)	-137688(2)	-10428(7)	6275(11-II-2)
212	15	-7.52(2)	0.54(2)	0.61(12-I-2)	-137212(2)	-12140(7)	6132(11-II-2)
212	16	-7.87(2)	0.53(2)	0.70(12-I-2)	-137000(2)	-13638(7)	5937(11-II-2)
213	1	-7.93(2)	0.46(1)	0.77(10-I-2)	-144758(13-I-4)	-10410(4)	7175(10-I-3)
213	2	-8.46(2)	0.45(11-I-4)	0.74(10-I-2)	-146068(13-I-4)	-12669(4)	7449(10-I-3)
213	3	-8.88(2)	0.41(11-I-4)	0.71(10-I-2)	-147433(13-I-4)	-14587(4)	7764(10-I-3)
213	4	-9.22(2)	0.36(11-I-4)	0.69(10-I-2)	-148733(13-I-4)	-16151(4)	8069(10-I-3)
213	5	-7.75(2)	0.44(2)	0.76(10-I-2)	-137022(13-I-4)	-9521(4)	6971(10-I-3)
213	6	-8.28(2)	0.46(2)	0.74(10-I-2)	-138020(13-I-4)	-11709(4)	7214(10-I-3)
213	7	-8.71(2)	0.44(2)	0.73(10-I-2)	-139055(13-I-4)	-13611(4)	7481(10-I-3)
213	8	-9.06(2)	0.39(2)	0.71(10-I-2)	-140132(13-I-4)	-15194(4)	7775(10-I-3)
213	9	-7.60(2)	0.44(2)	0.74(10-I-2)	-131702(4)	-8766(4)	6809(10-I-3)
213	10	-8.12(2)	0.47(2)	0.74(10-I-2)	-131861(4)	-10896(4)	7016(10-I-3)
213	11	-8.55(2)	0.47(2)	0.73(10-I-2)	-132032(4)	-12768(4)	7266(10-I-3)
213	12	-8.91(2)	0.44(2)	0.72(10-I-2)	-132195(4)	-14332(4)	7538(10-I-3)
213	13	-7.46(2)	0.43(2)	0.71(10-I-2)	-128641(4)	-8146(4)	6694(10-I-3)
213	14	-7.97(2)	0.48(2)	0.73(10-I-2)	-128612(4)	-10201(4)	6866(10-I-3)
213	15	-8.40(2)	0.49(2)	0.73(10-I-2)	-128613(4)	-12034(4)	7085(10-I-3)
213	16	-8.77(2)	0.47(2)	0.73(10-I-2)	-128627(4)	-13589(4)	7331(10-I-3)
214	1	-6.91(2)	-0.26(12-I-4)	0.49(12-I-2)	-183706(2)	-18838(2)	8053(5)
214	2	-7.38(2)	-0.34(12-I-4)	0.62(12-I-2)	-184093(2)	-20547(2)	5832(5)
214	3	-7.70(2)	-0.45(7)	0.72(12-I-2)	-184998(2)	-21759(2)	4649(11-II-2)
214	4	-7.91(2)	-0.54(4)	0.79(12-I-2)	-186160(2)	-22582(2)	3756(11-II-2)
214	5	-7.02(2)	-0.77(2)	0.57(12-I-2)	-195028(2)	-22785(2)	7197(2)
214	6	-7.42(2)	-0.91(2)	0.66(12-I-2)	-196534(2)	-24434(2)	4772(11-II-2)
214	7	-7.69(2)	-1.00(2)	0.73(12-I-2)	-198250(2)	-25448(2)	3604(11-II-2)
214	8	-7.87(2)	-1.03(2)	0.79(12-I-2)	-199973(2)	-26012(2)	-2837(13-I-2)
214	9	-7.03(2)	-1.77(2)	0.61(12-I-2)	-208350(2)	-26238(2)	5184(2)
214	10	-7.39(2)	-1.83(2)	0.67(12-I-2)	-211008(2)	-27980(2)	3411(11-II-2)
214	11	-7.64(2)	-1.81(2)	0.71(12-I-2)	-213437(2)	-28954(2)	-3034(13-I-2)
214	12	-7.79(2)	-1.74(2)	0.74(12-I-2)	-215543(2)	-29342(2)	-3377(13-I-2)
214	13	-6.91(2)	-3.26(2)	0.57(12-I-2)	-225895(2)	-27663(2)	-3457(13-I-2)
214	14	-7.28(2)	-3.05(2)	0.59(12-I-2)	-228904(2)	-30490(2)	-3810(13-I-2)
214	15	-7.52(2)	-2.82(2)	0.62(12-I-2)	-231373(2)	-31787(2)	-4289(12-I-2)
214	16	-7.68(2)	-2.58(2)	0.64(12-I-2)	-233364(2)	-32245(2)	-4816(12-I-2)
215	1	-9.80(2)	-0.94(2)	-0.51(4)	-250999(11-I-4)	-30265(11-I-4)	10569(10-I-3)
215	2	-10.14(2)	-1.03(2)	-0.90(4)	-256189(11-I-4)	-31373(11-I-4)	10771(10-I-3)
215	3	-10.32(2)	-1.09(2)	-0.95(4)	-260175(11-I-4)	-32141(11-I-4)	10837(10-I-3)
215	4	-10.45(2)	-1.14(2)	-1.21(4)	-263411(11-I-4)	-32664(11-I-4)	10847(10-I-3)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
215	5	-9.57(2)	-0.47(2)	0.51(10-I-2)	-232638(11-I-4)	-26197(11-I-4)	10429(10-I-3)
215	6	-9.95(2)	-0.62(2)	-0.77(4)	-237588(11-I-4)	-27952(11-I-4)	10551(10-I-3)
215	7	-10.16(2)	-0.74(2)	-0.95(4)	-241356(11-I-4)	-29155(11-I-4)	10669(10-I-3)
215	8	-10.31(2)	-0.83(2)	-1.12(4)	-244272(11-I-4)	-29923(11-I-4)	10632(10-I-3)
215	9	-9.32(2)	0.19(11-I-4)	0.58(10-I-2)	-215699(11-I-4)	-22925(11-I-4)	9941(10-I-3)
215	10	-9.73(2)	-0.29(2)	-0.67(4)	-220094(11-I-4)	-25008(11-I-4)	10144(10-I-3)
215	11	-9.99(2)	-0.44(2)	-0.88(4)	-223537(11-I-4)	-26503(11-I-4)	10299(10-I-3)
215	12	-10.17(2)	-0.56(2)	-1.05(4)	-226275(11-I-4)	-27538(11-I-4)	10326(10-I-3)
215	13	-9.07(2)	0.35(11-I-4)	0.65(10-I-2)	-199995(11-I-4)	-20095(11-I-4)	9354(10-I-3)
215	14	-9.51(2)	0.21(11-I-4)	0.56(10-I-2)	-203820(11-I-4)	-22407(11-I-4)	9638(10-I-3)
215	15	-9.81(2)	-0.20(4)	-0.79(4)	-206934(11-I-4)	-24107(11-I-4)	9845(10-I-3)
215	16	-10.02(2)	-0.34(4)	-0.97(4)	-209457(11-I-4)	-25332(11-I-4)	9952(10-I-3)
216	1	-6.93(2)	0.41(2)	0.57(10-I-2)	-122565(4)	-6642(4)	6392(10-I-3)
216	2	-7.40(2)	0.49(2)	0.63(10-I-2)	-122110(4)	-8414(4)	6446(10-I-3)
216	3	-7.83(2)	0.54(2)	0.68(10-I-2)	-121706(4)	-10069(4)	6521(10-I-3)
216	4	-8.21(2)	0.56(2)	0.72(10-I-2)	-121363(4)	-11539(4)	6622(10-I-3)
216	5	-6.85(2)	0.41(2)	0.54(10-I-2)	-123012(4)	-6617(4)	6344(10-I-3)
216	6	-7.32(2)	0.49(2)	0.61(10-I-2)	-122536(4)	-8366(4)	6384(10-I-3)
216	7	-7.75(2)	0.55(2)	0.67(10-I-2)	-122118(4)	-10004(4)	6435(10-I-3)
216	8	-8.13(2)	0.57(2)	0.71(10-I-2)	-121768(4)	-11460(4)	6507(10-I-3)
216	9	-6.78(2)	0.42(2)	0.52(10-I-2)	-123955(4)	-6676(4)	6292(10-I-3)
216	10	-7.25(2)	0.50(2)	0.59(10-I-2)	-123471(4)	-8417(4)	6319(10-I-3)
216	11	-7.69(2)	0.55(2)	0.65(10-I-2)	-123053(4)	-10044(4)	6347(10-I-3)
216	12	-8.06(2)	0.58(2)	0.71(12-I-2)	-122715(4)	-11491(4)	6390(10-I-3)
216	13	-6.71(2)	0.43(2)	0.49(10-I-2)	-125367(4)	-6821(4)	6235(10-I-3)
216	14	-7.20(2)	0.51(2)	0.57(10-I-2)	-124885(4)	-8566(4)	6249(10-I-3)
216	15	-7.63(2)	0.56(2)	0.64(10-I-2)	-124484(4)	-10191(4)	6255(10-I-3)
216	16	-8.00(2)	0.58(2)	0.70(12-I-2)	-124174(4)	-11667(7)	6268(10-I-3)
217	1	-8.82(2)	0.45(11-I-4)	0.70(10-I-2)	-185565(11-I-4)	-17617(11-I-4)	8765(10-I-3)
217	2	-9.29(2)	0.33(11-I-4)	0.62(10-I-2)	-188792(11-I-4)	-20052(11-I-4)	9105(10-I-3)
217	3	-9.62(2)	0.21(11-I-4)	-0.69(4)	-191532(11-I-4)	-21887(11-I-4)	9366(10-I-3)
217	4	-9.86(2)	-0.17(13-II-4)	-0.88(4)	-193829(11-I-4)	-23243(11-I-4)	9545(10-I-3)
217	5	-8.58(2)	0.49(11-I-4)	0.75(10-I-2)	-172275(11-I-4)	-15417(11-I-4)	8239(10-I-3)
217	6	-9.07(2)	0.41(11-I-4)	0.67(10-I-2)	-174932(11-I-4)	-17897(11-I-4)	8601(10-I-3)
217	7	-9.43(2)	0.31(11-I-4)	0.61(10-I-2)	-177279(11-I-4)	-19812(11-I-4)	8900(10-I-3)
217	8	-9.70(2)	0.20(11-I-4)	-0.79(4)	-179330(11-I-4)	-21250(11-I-4)	9132(10-I-3)
217	9	-8.37(2)	0.52(11-I-4)	0.77(10-I-2)	-162284(13-I-4)	-13461(11-I-4)	7804(10-I-3)
217	10	-8.86(2)	0.46(11-I-4)	0.70(10-I-2)	-164396(13-I-4)	-15939(11-I-4)	8159(10-I-3)
217	11	-9.24(2)	0.36(11-I-4)	0.65(10-I-2)	-166356(13-I-4)	-17873(11-I-4)	8464(10-I-3)
217	12	-9.54(2)	0.27(11-I-4)	-0.71(4)	-168175(13-I-4)	-19333(11-I-4)	8731(10-I-3)
217	13	-8.13(2)	0.48(11-I-4)	0.76(10-I-2)	-153137(13-I-4)	-11735(11-I-4)	7443(10-I-3)
217	14	-8.65(2)	0.45(11-I-4)	0.72(10-I-2)	-154817(13-I-4)	-14122(11-I-4)	7761(10-I-3)
217	15	-9.06(2)	0.41(11-I-4)	0.68(10-I-2)	-156512(13-I-4)	-16041(11-I-4)	8096(10-I-3)
217	16	-9.38(2)	0.33(11-I-4)	0.65(10-I-2)	-158066(13-I-4)	-17536(11-I-4)	8387(10-I-3)
218	1	-7.33(2)	0.42(2)	0.69(10-I-2)	-126234(4)	-7644(4)	6608(10-I-3)
218	2	-7.83(2)	0.48(2)	0.72(10-I-2)	-126061(4)	-9624(4)	6749(10-I-3)
218	3	-8.27(2)	0.50(2)	0.73(10-I-2)	-125926(4)	-11417(4)	6935(10-I-3)
218	4	-8.64(2)	0.50(2)	0.74(10-I-2)	-125818(4)	-12957(4)	7153(10-I-3)
218	5	-7.22(2)	0.41(2)	0.66(10-I-2)	-124449(4)	-7249(4)	6543(10-I-3)
218	6	-7.71(2)	0.48(2)	0.70(10-I-2)	-124167(4)	-9161(4)	6655(10-I-3)
218	7	-8.14(2)	0.51(2)	0.72(10-I-2)	-123927(4)	-10913(4)	6810(10-I-3)
218	8	-8.51(2)	0.52(2)	0.74(10-I-2)	-123725(4)	-12437(4)	6999(10-I-3)
218	9	-7.11(2)	0.41(2)	0.63(10-I-2)	-123259(4)	-6955(4)	6488(10-I-3)
218	10	-7.59(2)	0.48(2)	0.68(10-I-2)	-122897(4)	-8808(4)	6578(10-I-3)
218	11	-8.03(2)	0.52(2)	0.71(10-I-2)	-122580(4)	-10523(4)	6704(10-I-3)
218	12	-8.40(2)	0.54(2)	0.74(10-I-2)	-122308(4)	-12027(4)	6863(10-I-3)
218	13	-7.02(2)	0.41(2)	0.60(10-I-2)	-122640(4)	-6754(4)	6440(10-I-3)
218	14	-7.49(2)	0.48(2)	0.66(10-I-2)	-122221(4)	-8560(4)	6510(10-I-3)
218	15	-7.92(2)	0.53(2)	0.70(10-I-2)	-121850(4)	-10242(4)	6609(10-I-3)
218	16	-8.30(2)	0.55(2)	0.73(10-I-2)	-121532(4)	-11728(4)	6739(10-I-3)
219	1	-6.55(2)	0.48(2)	0.38(10-I-2)	-143575(2)	-9246(7)	6483(11-II-2)
219	2	-7.09(2)	0.52(2)	0.50(12-I-2)	-142822(2)	-11202(7)	6358(11-II-2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
219	3	-7.52(2)	0.52(2)	0.61(12-I-2)	-142372(2)	-12932(7)	6127(11-II-2)
219	4	-7.87(2)	0.49(2)	0.71(12-I-2)	-142217(2)	-14414(7)	5852(11-II-2)
219	5	-6.56(2)	0.48(2)	-0.41(2)	-149093(2)	-10097(7)	6660(11-II-2)
219	6	-7.11(2)	0.49(2)	0.50(12-I-2)	-148335(2)	-12114(7)	6425(11-II-2)
219	7	-7.54(2)	0.48(2)	0.62(12-I-2)	-147933(2)	-13856(7)	6090(11-II-2)
219	8	-7.87(2)	0.44(2)	0.71(12-I-2)	-147860(2)	-15311(7)	5724(11-II-2)
219	9	-6.59(2)	0.46(2)	-0.42(2)	-154928(2)	-11103(7)	6840(11-II-2)
219	10	-7.14(2)	0.45(2)	0.51(12-I-2)	-154189(2)	-13178(7)	6469(11-II-2)
219	11	-7.56(2)	0.41(2)	0.63(12-I-2)	-153869(2)	-14920(7)	6010(11-II-2)
219	12	-7.88(2)	0.37(10-II-4)	0.73(12-I-2)	-153910(2)	-16333(7)	5542(11-II-2)
219	13	-6.63(2)	0.42(2)	-0.42(2)	-161024(2)	-12288(7)	7138(5)
219	14	-7.18(2)	0.38(2)	0.52(12-I-2)	-160347(2)	-14407(7)	6472(11-II-2)
219	15	-7.59(2)	0.35(10-II-4)	0.64(12-I-2)	-160157(2)	-16129(7)	5872(11-II-2)
219	16	-7.89(2)	0.33(10-II-4)	0.74(12-I-2)	-160355(2)	-17478(7)	5296(11-II-2)
220	1	-6.70(2)	0.37(2)	-0.40(2)	-165894(2)	-13326(7)	7518(5)
220	2	-7.23(2)	0.33(10-II-4)	0.54(12-I-2)	-165307(2)	-15467(7)	6432(11-II-2)
220	3	-7.62(2)	0.31(10-II-4)	0.66(12-I-2)	-165260(2)	-17158(7)	5715(11-II-2)
220	4	-7.90(2)	0.29(10-II-4)	0.75(12-I-2)	-165611(2)	-18441(7)	5053(11-II-2)
220	5	-6.73(2)	0.33(10-II-4)	0.41(12-I-2)	-169408(2)	-14150(7)	7753(5)
220	6	-7.26(2)	0.30(10-II-4)	0.55(12-I-2)	-168925(2)	-16293(7)	6373(11-II-2)
220	7	-7.64(2)	0.28(10-II-4)	0.67(12-I-2)	-169010(2)	-17949(7)	5570(11-II-2)
220	8	-7.91(2)	0.26(10-II-4)	0.76(12-I-2)	-169492(2)	-19172(7)	4850(11-II-2)
220	9	-6.76(2)	0.30(10-II-4)	0.43(12-I-2)	-172963(2)	-15038(7)	7941(5)
220	10	-7.29(2)	0.27(10-II-4)	0.57(12-I-2)	-172622(2)	-17172(7)	6283(11-II-2)
220	11	-7.66(2)	0.24(10-II-4)	0.68(12-I-2)	-172867(2)	-18780(7)	5394(11-II-2)
220	12	-7.91(2)	-0.28(12-I-4)	0.77(12-I-2)	-173496(2)	-19935(7)	4619(11-II-2)
220	13	-6.79(2)	0.26(10-II-4)	0.44(12-I-2)	-176555(2)	-16242(2)	8064(5)
220	14	-7.30(2)	-0.22(12-I-4)	0.58(12-I-2)	-176403(2)	-18100(7)	6187(5)
220	15	-7.67(2)	-0.28(12-I-4)	0.69(12-I-2)	-176836(2)	-19649(7)	5183(11-II-2)
220	16	-7.92(2)	-0.35(4)	0.78(12-I-2)	-177630(2)	-20725(7)	4359(11-II-2)
221	1	-2.06(2)	-6.16(13-II-4)	3.73(2)	6220(11-I-4)	-30304(13-II-4)	-14639(11-I-4)
221	2	-2.15(2)	7.89(11-I-4)	3.53(2)	10839(11-I-4)	27239(11-I-4)	-27361(11-I-4)
221	3	-2.03(2)	10.63(11-I-4)	2.91(2)	8753(11-I-4)	38341(11-I-4)	-30933(11-I-4)
221	4	-1.76(2)	13.25(11-I-4)	2.44(12-II-3)	4331(11-I-4)	48594(11-I-4)	-34328(1)
221	5	-1.39(12-II-1)	15.78(11-I-4)	2.13(12-II-3)	-5576(11-I-4)	60827(11-I-4)	-37222(4)
221	6	-1.67(10-II-1)	17.77(11-I-4)	0.93(12-II-3)	-7928(11-I-4)	84696(1)	-18157(2)
221	7	-2.03(2)	-6.44(13-II-4)	3.14(2)	-6893(2)	-38997(2)	12144(2)
221	8	-1.86(2)	7.75(11-I-4)	2.47(2)	-4202(12-II-1)	28449(11-I-4)	-11886(11-I-4)
221	9	-1.67(2)	10.38(11-I-4)	1.80(12-II-3)	-4562(12-II-1)	39797(11-I-4)	-14880(11-I-4)
221	10	-1.44(2)	12.99(11-I-4)	-1.83(11-I-4)	-4565(12-II-1)	50830(11-I-4)	-17190(11-I-4)
221	11	-1.14(12-II-1)	15.39(11-I-4)	-1.58(11-I-4)	-6845(2)	65702(11-I-4)	-18634(11-I-4)
221	12	-1.14(10-II-1)	16.94(11-I-4)	-1.13(11-I-4)	-3091(10-II-1)	107051(1)	-6576(1)
221	13	-1.82(2)	-6.82(13-II-4)	2.71(2)	-12186(2)	-40106(2)	18519(2)
221	14	-1.52(2)	7.57(11-I-4)	-1.91(11-I-4)	-12486(2)	28731(11-I-4)	15869(2)
221	15	-1.33(12-II-1)	10.13(11-I-4)	-2.44(11-I-4)	-12188(2)	40274(11-I-4)	12879(2)
221	16	-1.13(12-II-1)	12.71(11-I-4)	-2.74(11-I-4)	-9978(2)	51851(11-I-4)	10141(12-II-3)
221	17	-0.99(10-II-1)	15.28(11-I-4)	-2.41(11-I-4)	-7239(2)	66576(11-I-4)	-7940(10-I-3)
221	18	-0.97(10-II-1)	17.02(11-I-4)	-1.52(11-I-4)	3392(10-I-1)	110158(1)	2899(12-II-3)
221	19	-1.33(2)	-7.32(13-II-4)	2.28(2)	-17835(2)	-34704(13-II-4)	24644(2)
221	20	-1.28(12-II-1)	7.37(11-I-4)	-2.66(11-I-4)	-21874(2)	29022(11-I-4)	31272(2)
221	21	-1.08(12-II-1)	9.92(11-I-4)	-3.28(11-I-4)	-19314(2)	40540(11-I-4)	31985(2)
221	22	-0.87(12-II-1)	12.47(11-I-4)	-3.67(11-I-4)	-15371(2)	52390(11-I-4)	32645(2)
221	23	-0.77(10-II-1)	15.14(11-I-4)	-3.54(11-I-4)	6868(10-I-3)	66559(11-I-4)	31540(2)
221	24	-1.18(10-II-1)	18.12(11-I-4)	-1.96(11-I-4)	7869(10-I-3)	93122(1)	15308(2)
222	1	-6.98(8)	-0.28(8)	-0.80(1)	-171606(4)	-8075(13-II-2)	-5127(13-II-4)
222	2	-7.12(8)	-0.18(8)	-0.66(9)	-173659(4)	-5285(13-II-2)	-4748(13-II-4)
222	3	-7.31(10-I-2)	-0.08(8)	-0.45(9)	-175102(4)	-2494(13-II-2)	-3489(13-II-4)
222	4	-7.58(10-I-2)	-0.01(12-II-2)	-0.16(9)	-174857(4)	-490(13-II-2)	1373(11-I-4)
222	5	-6.97(8)	-0.32(8)	-0.84(1)	-175625(4)	-8878(13-II-2)	-6219(13-II-4)
222	6	-7.15(8)	-0.21(8)	-0.70(9)	-178094(4)	-5860(13-II-2)	-5887(13-II-4)
222	7	-7.37(10-I-2)	-0.09(8)	-0.49(9)	-179912(4)	-2787(13-II-2)	-4441(13-II-4)
222	8	-7.68(10-I-2)	-0.02(12-II-2)	-0.18(9)	-179821(4)	-611(13-II-2)	-1746(13-II-4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
222	9	-6.96(8)	-0.36(3)	-0.89(1)	-179655(4)	-9802(13-II-2)	-7432(13-II-4)
222	10	-7.17(8)	-0.23(8)	-0.75(9)	-182626(4)	-6537(13-II-2)	-7190(13-II-4)
222	11	-7.42(10-I-2)	-0.11(8)	-0.53(9)	-184957(4)	-3155(11-II-2)	-5545(13-II-4)
222	12	-7.79(10-I-2)	-0.02(10-II-1)	-0.20(9)	-185090(4)	-724(11-II-2)	-2211(13-II-4)
222	13	-6.91(8)	-0.43(4)	-0.95(1)	-183659(4)	-10856(13-II-2)	-8768(13-II-1)
222	14	-7.16(8)	-0.27(8)	-0.81(2)	-187243(4)	-7350(11-II-2)	-8701(13-II-1)
222	15	-7.50(10-I-2)	-0.12(8)	-0.57(9)	-190242(4)	-3626(11-II-2)	-6886(13-II-1)
222	16	-7.96(10-I-2)	-0.03(11-II-2)	-0.23(8)	-190733(4)	-913(11-II-2)	-2799(13-II-1)
223	1	-6.88(8)	-0.55(4)	-1.05(1)	-191044(4)	-13753(11-II-2)	-11596(13-II-1)
223	2	-7.22(8)	-0.42(4)	-0.96(2)	-196158(4)	-9777(11-II-2)	-12350(13-II-1)
223	3	-7.61(8)	-0.20(3)	-0.72(8)	-201393(4)	-4972(11-II-2)	-10410(13-II-1)
223	4	-8.23(10-I-2)	0.01(10-I-2)	-0.29(8)	-203729(4)	-1243(11-II-2)	-4415(13-II-1)
223	5	-6.67(8)	-0.78(4)	-1.12(1)	-200550(4)	-19039(11-II-2)	-14911(13-II-1)
223	6	-7.17(8)	-0.73(4)	-1.23(2)	-207796(4)	-15108(11-II-2)	-18034(13-II-1)
223	7	-7.85(8)	-0.50(4)	-1.10(2)	-218917(4)	-8923(11-II-2)	-17963(13-II-1)
223	8	-8.90(10-I-2)	0.05(13-I-4)	-0.46(8)	-228061(4)	-2348(11-II-2)	-8760(13-II-2)
223	9	-6.33(8)	-0.89(4)	-1.03(11-I-4)	-208505(4)	-23524(11-II-2)	-13173(13-II-1)
223	10	-6.77(8)	-0.99(4)	-1.25(1)	-214900(4)	-20544(11-II-2)	-18548(13-II-1)
223	11	-7.91(8)	-1.16(4)	-1.65(2)	-230496(4)	-15795(11-II-2)	-24007(13-II-2)
223	12	-10.02(8)	-0.50(11-II-2)	-1.03(2)	-262478(4)	-6755(4)	-29283(13-II-2)
223	13	-6.11(8)	-1.02(13-I-2)	-0.97(2)	-220535(4)	-21343(11-II-2)	7339(11-I-4)
223	14	-6.21(8)	-1.33(13-I-2)	-0.95(2)	-222753(4)	-16226(4)	6020(11-I-4)
223	15	-7.20(10-I-2)	-1.96(13-I-3)	-1.49(2)	-233444(4)	-5942(11-II-3)	-9755(13-II-4)
223	16	-12.20(8)	-2.90(13-I-3)	-3.51(4)	-285887(11-II-2)	15826(4)	-13275(13-II-4)
224	1	3.71(12-I-2)	0.58(4)	-1.63(4)	185121(4)	1903(12-II-1)	18872(4)
224	2	4.15(12-I-2)	0.70(4)	-1.87(4)	181790(4)	-4271(4)	21208(4)
224	3	4.84(12-I-2)	0.33(10-I-2)	-2.33(4)	176517(4)	-5987(4)	25926(4)
224	4	5.23(12-I-2)	0.70(4)	-1.94(4)	166693(4)	-5320(4)	36347(4)
224	5	4.07(12-I-2)	0.66(4)	-1.27(4)	198382(4)	2786(12-II-1)	14767(4)
224	6	4.61(12-I-2)	0.42(4)	-1.45(4)	194563(4)	-3384(4)	16762(4)
224	7	5.33(4)	0.19(10-I-2)	-1.55(4)	189681(4)	-5159(4)	20225(4)
224	8	5.79(4)	-0.23(11-I-1)	-1.32(4)	181961(4)	-5546(4)	26408(4)
224	9	4.30(12-I-2)	0.71(4)	-0.79(13-II-2)	207975(4)	4038(9)	8902(4)
224	10	4.84(12-I-2)	0.46(4)	-0.90(13-II-2)	204206(4)	1979(12-II-2)	10130(4)
224	11	5.39(12-I-2)	0.27(4)	-1.00(13-II-2)	199905(4)	-1471(4)	12343(4)
224	12	6.51(4)	-0.67(4)	-1.04(13-II-2)	195352(4)	-697(13-I-4)	15660(4)
224	13	4.43(12-I-2)	0.70(4)	-0.51(13-II-2)	213634(4)	4848(9)	-6336(10-I-3)
224	14	4.99(4)	0.47(4)	-0.60(13-II-2)	209859(4)	2850(9)	-5464(10-I-3)
224	15	5.77(4)	0.28(4)	-0.73(13-II-2)	205355(4)	1442(12-II-2)	-4826(11-I-4)
224	16	6.77(4)	-0.28(4)	-0.66(13-II-2)	199324(4)	1123(12-II-2)	7127(13-II-4)
225	1	-7.20(12-I-2)	-0.06(8)	-0.53(10-II-4)	-108505(4)	-1903(12-I-2)	8453(10-I-3)
225	2	-7.25(12-I-2)	-0.03(8)	-0.39(10-II-4)	-108587(4)	-1167(12-I-2)	7521(10-I-3)
225	3	-7.28(12-I-2)	-0.02(12-II-2)	-0.24(10-II-4)	-108654(4)	-547(12-I-2)	5786(10-I-3)
225	4	-7.28(12-I-2)	-0.00(12-II-2)	-0.08(10-II-4)	-108706(4)	-131(12-I-2)	2522(10-I-3)
225	5	-7.15(8)	-0.06(8)	-0.53(10-II-4)	-111654(4)	-1959(12-I-2)	8227(10-I-3)
225	6	-7.19(12-I-2)	-0.03(12-II-2)	-0.39(10-II-4)	-111766(4)	-1210(12-I-2)	7339(10-I-3)
225	7	-7.23(12-I-2)	-0.02(12-II-2)	-0.24(10-II-4)	-111847(4)	-571(12-I-2)	5667(10-I-3)
225	8	-7.24(12-I-2)	-0.01(12-II-2)	-0.08(10-II-4)	-111880(4)	-138(12-I-2)	2480(10-I-3)
225	9	-7.11(8)	-0.07(8)	-0.54(10-II-4)	-115270(4)	-2047(12-I-2)	7968(10-I-3)
225	10	-7.14(12-I-2)	-0.04(12-II-2)	-0.40(10-II-4)	-115418(4)	-1273(12-I-2)	7128(10-I-3)
225	11	-7.18(12-I-2)	-0.02(12-II-2)	-0.24(10-II-4)	-115514(4)	-605(12-I-2)	5524(10-I-3)
225	12	-7.20(12-I-2)	-0.01(12-II-2)	-0.08(10-II-4)	-115524(4)	-147(12-I-2)	2427(10-I-3)
225	13	-7.08(8)	-0.08(8)	-0.54(10-II-4)	-119335(4)	-2169(12-I-2)	7668(10-I-3)
225	14	-7.09(12-I-2)	-0.04(12-II-2)	-0.40(10-II-4)	-119526(4)	-1358(12-I-2)	6879(10-I-3)
225	15	-7.15(12-I-2)	-0.02(12-II-2)	-0.25(10-II-4)	-119642(4)	-649(12-I-2)	5353(10-I-3)
225	16	-7.17(12-I-2)	-0.01(12-II-2)	-0.08(10-II-4)	-119623(4)	-158(12-I-2)	2363(10-I-3)
226	1	-7.05(8)	-0.08(8)	-0.55(10-II-4)	-123834(4)	-2405(13-II-2)	7320(10-I-3)
226	2	-7.05(12-I-2)	-0.05(12-II-2)	-0.41(10-II-4)	-124078(4)	-1488(13-II-2)	6585(10-I-3)
226	3	-7.12(12-I-2)	-0.02(12-II-2)	-0.25(10-II-4)	-124218(4)	-704(12-I-2)	5146(10-I-3)
226	4	-7.16(12-I-2)	-0.01(12-II-2)	-0.09(10-II-4)	-124166(4)	-171(12-I-2)	2283(10-I-3)
226	5	-7.03(8)	-0.09(8)	-0.57(10-II-4)	-128749(4)	-2827(13-II-2)	6916(10-I-3)
226	6	-7.02(12-I-2)	-0.05(12-II-2)	-0.42(10-II-4)	-129060(4)	-1761(13-II-2)	6239(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
226	7	-7.10(12-I-2)	-0.02(12-II-2)	-0.26(10-II-4)	-129232(4)	-802(13-II-2)	4898(10-I-3)
226	8	-7.15(12-I-2)	-0.01(12-II-2)	-0.09(10-II-4)	-129142(4)	-186(12-I-2)	2185(10-I-3)
226	9	-7.01(8)	-0.11(8)	-0.58(10-II-4)	-134066(4)	-3304(13-II-2)	6442(10-I-3)
226	10	-6.99(12-I-2)	-0.06(12-II-2)	-0.43(10-II-4)	-134463(4)	-2071(13-II-2)	5827(10-I-3)
226	11	-7.09(12-I-2)	-0.03(12-II-2)	-0.27(10-II-4)	-134678(4)	-948(13-II-2)	4598(10-I-3)
226	12	-7.16(12-I-2)	-0.01(12-II-2)	-0.09(10-II-4)	-134543(4)	-204(12-I-2)	2064(10-I-3)
226	13	-7.00(8)	-0.12(8)	-0.60(10-II-4)	-139767(4)	-3848(13-II-2)	5888(10-I-3)
226	14	-6.98(8)	-0.07(8)	-0.45(10-II-4)	-140277(4)	-2427(13-II-2)	5337(10-I-3)
226	15	-7.10(12-I-2)	-0.03(12-II-2)	-0.28(10-II-4)	-140554(4)	-1116(13-II-2)	4236(10-I-3)
226	16	-7.18(12-I-2)	-0.01(12-II-2)	-0.09(10-II-4)	-140371(4)	-229(13-II-2)	1917(10-I-3)
227	1	-6.99(8)	-0.14(8)	-0.63(10-II-4)	-145837(4)	-4474(13-II-2)	5311(11-I-4)
227	2	-7.00(8)	-0.08(8)	-0.47(10-II-4)	-146499(4)	-2839(13-II-2)	4752(10-I-3)
227	3	-7.11(12-I-2)	-0.03(12-II-2)	-0.29(10-II-4)	-146865(4)	-1313(13-II-2)	3798(10-I-3)
227	4	-7.22(12-I-2)	-0.01(12-II-2)	-0.10(9)	-146634(4)	-272(13-II-2)	1737(10-I-3)
227	5	-6.99(8)	-0.17(8)	-0.66(10-II-4)	-152256(4)	-5202(13-II-2)	5170(11-I-4)
227	6	-7.02(8)	-0.10(8)	-0.49(10-II-4)	-153129(4)	-3323(13-II-2)	4526(11-I-4)
227	7	-7.14(12-I-2)	-0.04(12-II-2)	-0.31(9)	-153629(4)	-1547(13-II-2)	3470(11-I-4)
227	8	-7.28(10-I-2)	-0.01(12-II-2)	-0.11(9)	-153356(4)	-323(13-II-2)	1529(11-I-4)
227	9	-6.98(8)	-0.20(8)	-0.69(10-II-4)	-158998(4)	-6066(13-II-2)	5050(11-I-4)
227	10	-7.05(8)	-0.12(8)	-0.54(9)	-160169(4)	-3904(13-II-2)	4406(11-I-4)
227	11	-7.18(12-I-2)	-0.05(12-II-2)	-0.35(9)	-160876(4)	-1824(13-II-2)	3367(11-I-4)
227	12	-7.36(10-I-2)	-0.01(12-II-2)	-0.12(9)	-160584(4)	-389(13-II-2)	1474(11-I-4)
227	13	-6.98(8)	-0.25(8)	-0.74(2)	-166019(4)	-7118(13-II-2)	4948(11-I-4)
227	14	-7.09(8)	-0.15(8)	-0.60(9)	-167617(4)	-4619(13-II-2)	4301(11-I-4)
227	15	-7.25(10-I-2)	-0.06(8)	-0.40(9)	-168671(4)	-2167(13-II-2)	3276(11-I-4)
227	16	-7.47(10-I-2)	-0.01(10-II-2)	-0.14(9)	-168395(4)	-423(13-II-2)	1444(11-I-4)
228	1	-9.69(10-I-3)	-0.19(10-I-3)	0.94(10-I-3)	135591(13-II-2)	4734(13-II-2)	-3526(13-II-4)
228	2	-9.87(10-I-3)	-0.11(10-I-3)	0.70(10-I-3)	135954(13-II-2)	2893(13-II-2)	-3245(13-II-4)
228	3	-10.02(10-I-3)	-0.04(10-I-3)	0.43(10-I-3)	136035(13-II-2)	1281(13-II-2)	-2656(13-I-2)
228	4	-10.08(10-I-3)	-0.00(13-I-4)	0.14(10-I-3)	135579(13-II-2)	245(13-II-2)	-1242(13-I-2)
228	5	-9.45(10-I-3)	-0.17(10-I-3)	0.84(10-I-3)	130493(13-II-2)	4166(13-II-2)	-3215(13-II-4)
228	6	-9.62(10-I-3)	-0.09(10-I-3)	0.63(10-I-3)	130839(13-II-2)	2536(13-II-2)	-3124(13-I-2)
228	7	-9.73(10-I-3)	-0.03(10-I-3)	0.39(10-I-3)	130955(13-II-2)	1123(13-II-2)	-2634(13-I-2)
228	8	-9.78(10-I-3)	-0.00(13-I-2)	0.13(10-I-3)	130612(13-II-2)	217(13-II-2)	-1247(13-I-2)
228	9	-9.22(10-I-3)	-0.14(10-I-3)	0.78(10-I-3)	125534(13-II-2)	3679(13-II-2)	-3158(12-I-3)
228	10	-9.36(10-I-3)	-0.07(10-I-3)	0.58(10-I-3)	125883(13-II-2)	2238(13-II-2)	-3067(13-I-2)
228	11	-9.46(10-I-3)	-0.02(10-I-4)	0.36(10-I-3)	126023(13-II-2)	990(13-II-2)	-2617(13-I-2)
228	12	-9.50(10-I-3)	-0.00(10-II-2)	0.12(10-I-3)	125753(13-II-2)	199(12-I-3)	-1248(13-I-2)
228	13	-9.00(10-I-3)	-0.12(10-I-3)	0.72(10-I-3)	120760(13-II-2)	3263(13-II-2)	-3223(12-II-3)
228	14	-9.12(10-I-3)	-0.06(10-I-3)	0.53(10-I-3)	121098(13-II-2)	1978(13-II-2)	-3047(12-II-3)
228	15	-9.20(10-I-3)	-0.02(10-I-4)	0.33(10-I-3)	121249(13-II-2)	882(12-I-3)	-2592(13-I-2)
228	16	-9.24(10-I-3)	-0.00(10-II-2)	0.11(10-I-3)	121033(13-II-2)	192(12-I-3)	-1244(13-I-2)
229	1	-5.27(11-II-3)	0.20(13-I-4)	-1.53(4)	-153321(4)	-11770(10-I-2)	10606(13-I-2)
229	2	-6.04(11-II-3)	0.83(4)	-1.59(4)	-141870(4)	-8925(12-I-2)	12057(13-I-2)
229	3	-6.85(11-II-3)	4.02(4)	-1.73(4)	-122724(4)	-6347(12-I-2)	14675(13-I-2)
229	4	-7.40(11-II-3)	10.20(4)	-2.19(4)	-86213(11-II-2)	-7193(13-I-3)	-22594(11-II-2)
229	5	-4.29(11-II-3)	-0.21(4)	-2.60(4)	-37411(11-II-2)	1963(4)	25195(4)
229	6	-4.73(11-II-3)	-0.18(4)	-2.94(4)	37380(13-I-2)	3387(4)	29407(4)
229	7	-5.20(11-II-3)	0.84(4)	-3.15(4)	37388(13-I-2)	3684(4)	39137(4)
229	8	-5.91(11-II-3)	1.86(4)	-2.92(4)	36779(13-I-2)	622(13-I-2)	62199(4)
229	9	-2.43(11-II-3)	0.20(10-I-2)	-2.72(4)	86537(13-I-3)	3496(8)	31760(4)
229	10	-2.51(11-II-3)	-0.28(4)	-3.12(4)	85903(13-I-3)	3422(6)	36521(4)
229	11	-2.61(11-II-3)	-1.28(4)	-3.49(4)	85096(13-I-3)	3642(4)	46556(4)
229	12	2.64(13-I-3)	-6.12(4)	-2.91(4)	83316(13-I-3)	4551(4)	65364(4)
229	13	2.93(13-I-3)	0.34(10-I-2)	-2.47(4)	149575(4)	3128(9)	25341(4)
229	14	3.30(13-I-3)	0.12(10-I-2)	-2.92(4)	146898(4)	1734(12-II-2)	28708(4)
229	15	3.67(13-I-3)	-1.66(4)	-3.52(4)	143175(4)	1128(12-II-2)	36398(4)
229	16	3.98(13-I-3)	-2.23(4)	-2.64(4)	138517(4)	1414(12-II-2)	52013(4)
230	1	3.14(13-II-1)	0.37(4)	2.56(4)	159738(4)	3177(9)	-30520(4)
230	2	3.55(13-II-2)	0.10(12-I-2)	2.98(4)	156595(4)	1627(11-II-3)	-33318(4)
230	3	3.96(13-II-2)	-1.76(4)	3.54(4)	152442(4)	920(10-II-2)	-39866(4)
230	4	4.33(13-II-2)	-2.34(4)	2.54(4)	147433(4)	1297(8)	-53441(4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
230	5	-2.66(11-I-2)	0.15(12-I-2)	2.88(4)	91945(4)	3666(9)	-39632(4)
230	6	-2.76(11-I-2)	-0.33(4)	3.24(4)	91261(4)	3352(8)	-43733(4)
230	7	-2.88(11-I-2)	-1.49(4)	3.57(4)	90702(4)	3376(4)	-52540(4)
230	8	2.92(13-II-2)	-6.51(4)	2.86(4)	89401(4)	4433(4)	-69045(4)
230	9	-4.45(11-I-2)	-0.25(13-I-2)	2.78(4)	-46210(11-I-2)	1991(10-II-2)	-35373(4)
230	10	-4.88(11-I-2)	-0.20(4)	3.11(4)	-43045(11-I-2)	3347(13-I-4)	-38764(4)
230	11	-5.36(11-I-2)	0.85(13-I-2)	3.27(4)	-39946(11-I-2)	3637(4)	-47093(4)
230	12	-6.11(11-I-2)	1.91(4)	2.95(4)	-37912(11-I-2)	1002(4)	-67439(4)
230	13	-5.36(11-I-2)	-0.27(10-I-1)	1.54(2)	-151628(13-I-2)	-11065(12-I-2)	-13031(4)
230	14	-6.04(11-I-2)	0.83(2)	1.63(2)	-140784(13-I-2)	-8218(12-I-2)	-11435(4)
230	15	-6.72(11-I-2)	4.12(4)	1.80(2)	-122774(13-I-2)	-5745(2)	13134(11-I-3)
230	16	-7.06(11-I-2)	10.61(4)	2.33(4)	-88452(11-I-2)	-6305(13-II-3)	23514(11-I-3)
231	1	-8.81(8)	-0.10(10-I-3)	0.66(10-I-3)	116173(13-II-2)	2900(13-II-2)	3298(10-I-3)
231	2	-8.89(10-I-3)	-0.05(10-I-4)	0.49(10-I-3)	116493(13-II-2)	1807(12-I-3)	-3088(12-II-3)
231	3	-8.97(10-I-3)	-0.02(13-I-2)	0.30(10-I-3)	116644(13-II-2)	843(12-I-3)	-2550(13-I-2)
231	4	-8.99(10-I-3)	-0.00(10-II-2)	0.10(10-I-3)	116469(13-II-2)	186(12-I-3)	-1231(13-I-2)
231	5	-8.65(8)	-0.09(10-I-3)	0.61(10-I-3)	111778(13-II-2)	2765(12-I-3)	3729(10-I-3)
231	6	-8.68(10-I-3)	-0.04(9)	0.45(10-I-3)	112074(13-II-2)	1731(12-I-3)	3330(10-I-3)
231	7	-8.74(10-I-3)	-0.02(13-II-2)	0.27(10-I-3)	112220(13-II-2)	811(12-I-3)	2661(11-II-2)
231	8	-8.76(10-I-3)	-0.00(10-II-2)	0.09(10-I-3)	112077(13-II-2)	182(12-I-3)	1254(11-II-2)
231	9	-8.49(8)	-0.08(9)	0.57(10-I-3)	108258(4)	2666(12-I-3)	4128(10-I-3)
231	10	-8.48(10-I-2)	-0.04(9)	0.41(10-I-3)	108600(4)	1672(12-I-3)	3657(10-I-3)
231	11	-8.52(10-I-2)	-0.02(13-II-2)	0.25(10-I-3)	108814(4)	787(12-I-3)	2823(10-I-3)
231	12	-8.54(10-I-3)	-0.00(10-II-2)	0.08(10-I-3)	108834(4)	179(12-I-3)	1303(11-II-2)
231	13	-8.34(8)	-0.08(9)	0.53(10-I-3)	109141(4)	2590(12-I-3)	4498(10-I-3)
231	14	-8.30(10-I-2)	-0.04(9)	0.38(10-I-3)	109473(4)	1627(12-I-3)	3959(10-I-3)
231	15	-8.34(10-I-2)	-0.02(12-II-2)	0.23(10-I-3)	109682(4)	770(12-I-3)	3029(10-I-3)
231	16	-8.35(10-I-2)	-0.00(12-II-2)	0.08(10-I-3)	109704(4)	177(12-I-3)	1338(11-II-2)
232	1	-8.20(8)	-0.08(9)	0.49(10-I-3)	110628(4)	2572(12-I-2)	4845(10-I-3)
232	2	-8.13(10-I-2)	-0.04(9)	0.35(10-I-3)	110953(4)	1617(12-I-2)	4241(10-I-3)
232	3	-8.17(10-I-2)	-0.02(12-II-2)	0.21(10-I-3)	111157(4)	768(12-I-2)	3221(10-I-3)
232	4	-8.18(10-I-2)	-0.01(12-II-2)	0.07(10-I-3)	111175(4)	178(12-I-2)	1389(10-I-3)
232	5	-8.06(8)	-0.08(9)	0.45(10-I-3)	112696(4)	2582(12-I-2)	5173(10-I-3)
232	6	-7.97(10-I-2)	-0.04(9)	0.32(10-I-3)	113016(4)	1627(12-I-2)	4508(10-I-3)
232	7	-8.01(10-I-2)	-0.02(12-II-2)	0.19(10-I-3)	113214(4)	775(12-I-2)	3401(10-I-3)
232	8	-8.02(10-I-2)	-0.01(12-II-2)	-0.07(12-II-3)	113223(4)	181(12-I-2)	1456(10-I-3)
232	9	-7.93(8)	-0.08(9)	-0.44(12-II-3)	115319(4)	2618(12-I-2)	5488(10-I-3)
232	10	-7.81(10-I-2)	-0.04(12-II-2)	-0.32(12-II-3)	115635(4)	1654(12-I-2)	4765(10-I-3)
232	11	-7.85(10-I-2)	-0.02(12-II-2)	-0.20(12-II-3)	115829(4)	790(12-I-2)	3576(10-I-3)
232	12	-7.87(10-I-2)	-0.01(12-II-2)	-0.07(12-II-3)	115826(4)	185(12-I-2)	1521(10-I-3)
232	13	-7.80(8)	-0.08(9)	-0.45(12-II-3)	118469(4)	2682(12-I-2)	5797(10-I-3)
232	14	-7.67(10-I-2)	-0.05(12-II-2)	-0.33(12-II-3)	118787(4)	1698(12-I-2)	5019(10-I-3)
232	15	-7.71(10-I-2)	-0.02(12-II-3)	-0.20(12-II-3)	118978(4)	814(12-I-2)	3749(10-I-3)
232	16	-7.73(10-I-2)	-0.01(12-II-2)	-0.07(12-II-3)	118957(4)	191(12-I-2)	1586(10-I-3)
233	1	-9.08(12-I-1)	-1.00(12-I-1)	1.20(12-I-1)	-216390(11-I-2)	-25096(11-I-2)	10821(10-I-3)
233	2	-9.69(12-I-1)	-0.97(12-I-1)	0.95(12-I-1)	-214377(11-I-2)	-24002(11-I-2)	12778(13-I-4)
233	3	-10.07(12-I-1)	-0.88(12-I-1)	0.88(12-I-1)	-212702(11-I-2)	-22124(11-I-2)	16216(13-I-4)
233	4	-10.09(12-I-1)	-0.72(12-I-1)	0.52(12-I-1)	-223177(11-I-2)	-17027(11-I-2)	18875(13-I-3)
233	5	-9.03(12-I-1)	-0.73(12-I-1)	1.04(12-I-1)	-205004(13-I-2)	-19840(11-I-2)	10859(10-I-3)
233	6	-9.48(12-I-1)	-0.56(12-I-1)	0.92(12-I-1)	-204015(13-I-2)	-17336(11-I-2)	11848(13-I-4)
233	7	-9.75(12-I-1)	-0.37(12-I-1)	0.65(12-I-1)	-205391(13-I-2)	-12770(11-I-3)	13775(13-I-4)
233	8	-9.59(12-I-1)	0.05(11-I-1)	-0.29(10-II-1)	-203624(13-I-2)	-3426(11-I-3)	7376(13-I-4)
233	9	-8.91(12-I-1)	-0.52(12-I-1)	0.90(12-I-1)	-194247(13-I-3)	-15522(13-I-2)	10735(10-I-3)
233	10	-9.24(12-I-1)	-0.33(12-I-1)	0.75(12-I-1)	-194285(13-I-3)	-12055(13-I-2)	10668(10-I-3)
233	11	-9.40(12-I-1)	-0.12(13-II-1)	0.45(12-I-1)	-194357(13-I-3)	-6610(13-I-3)	9431(13-I-4)
233	12	-9.24(12-I-1)	0.03(11-I-4)	-0.21(10-II-1)	-190848(13-I-3)	-1654(13-I-3)	4082(13-I-4)
233	13	-8.75(12-I-1)	-0.37(12-I-1)	0.76(12-I-1)	-183947(13-I-3)	-12113(13-I-3)	10516(10-I-3)
233	14	-8.99(12-I-1)	-0.20(12-I-1)	0.59(12-I-1)	-184043(13-I-3)	-8466(13-I-3)	9895(10-I-3)
233	15	-9.08(12-I-1)	0.07(11-I-1)	-0.39(10-II-1)	-183564(13-I-3)	-4184(13-I-3)	7755(10-I-3)
233	16	-8.96(12-I-1)	0.01(11-I-1)	-0.16(10-II-1)	-180671(13-I-3)	-839(13-I-3)	3215(10-I-3)
234	1	-7.68(8)	-0.08(9)	-0.47(12-II-3)	122119(4)	2777(12-I-2)	6106(10-I-3)
234	2	-7.54(8)	-0.05(12-II-3)	-0.34(12-II-3)	122444(4)	1762(12-I-2)	5276(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
234	3	-7.58(10-I-2)	-0.02(12-II-3)	-0.21(12-II-3)	122635(4)	846(12-I-2)	3927(10-I-3)
234	4	-7.60(10-I-2)	-0.01(12-II-2)	-0.07(12-II-3)	122590(4)	200(12-I-2)	1653(10-I-3)
234	5	-7.57(8)	-0.09(12-II-2)	-0.49(12-II-3)	126239(4)	2907(12-I-2)	6426(10-I-3)
234	6	-7.42(8)	-0.06(12-II-3)	-0.36(12-II-3)	126580(4)	1850(12-I-2)	5547(10-I-3)
234	7	-7.45(10-I-2)	-0.03(12-II-3)	-0.22(12-II-3)	126775(4)	890(12-I-2)	4117(10-I-3)
234	8	-7.48(10-I-2)	-0.01(12-II-2)	-0.07(12-II-3)	126702(4)	210(12-I-2)	1726(10-I-3)
234	9	-7.46(8)	-0.10(12-II-3)	-0.51(12-II-3)	130800(4)	3371(13-I-2)	6766(10-I-3)
234	10	-7.31(8)	-0.06(12-II-3)	-0.37(12-II-3)	131169(4)	2088(13-I-2)	5841(10-I-3)
234	11	-7.34(10-I-2)	-0.03(12-II-3)	-0.23(12-II-3)	131374(4)	947(12-I-2)	4327(10-I-3)
234	12	-7.37(10-I-2)	-0.01(12-II-3)	-0.08(12-II-3)	131267(4)	223(12-I-2)	1807(10-I-3)
234	13	-7.35(8)	-0.12(6)	-0.53(12-II-3)	135769(4)	3922(13-I-2)	7140(10-I-3)
234	14	-7.21(8)	-0.07(12-II-3)	-0.39(12-II-3)	136183(4)	2443(13-I-2)	6173(10-I-3)
234	15	-7.24(10-I-2)	-0.03(12-II-3)	-0.24(12-II-3)	136411(4)	1097(13-I-2)	4568(10-I-3)
234	16	-7.28(10-I-2)	-0.01(12-II-3)	-0.08(12-II-3)	136264(4)	240(12-I-2)	1903(10-I-3)
235	1	-8.59(12-I-1)	-0.27(12-I-1)	0.63(12-I-1)	-173940(13-I-3)	-9556(13-I-3)	10256(10-I-3)
235	2	-8.76(12-I-1)	-0.13(12-I-1)	-0.48(10-II-1)	-173983(13-I-3)	-6296(13-I-3)	9355(10-I-3)
235	3	-8.81(12-I-1)	0.05(11-I-1)	-0.35(10-II-1)	-173446(13-I-3)	-2917(13-I-3)	7135(10-I-3)
235	4	-8.73(12-I-1)	0.01(11-I-4)	-0.14(10-II-1)	-171418(13-I-3)	-554(13-I-3)	2968(10-I-3)
235	5	-8.42(12-I-1)	-0.21(12-I-1)	-0.56(10-II-1)	-164347(13-I-3)	-7673(13-I-3)	10040(10-I-3)
235	6	-8.55(12-I-1)	-0.10(12-I-1)	-0.47(10-II-1)	-164374(13-I-3)	-4870(13-I-3)	9007(10-I-3)
235	7	-8.58(12-I-1)	-0.03(13-II-1)	-0.32(10-II-1)	-163964(13-I-3)	-2186(13-I-3)	6809(10-I-3)
235	8	-8.53(12-I-1)	0.00(11-I-4)	-0.12(10-II-1)	-162609(13-I-3)	-401(13-I-3)	2849(10-I-3)
235	9	-8.27(12-I-1)	-0.16(12-I-1)	-0.56(10-II-1)	-155226(13-I-3)	-6247(13-I-3)	9872(10-I-3)
235	10	-8.36(12-I-1)	-0.08(13-II-1)	-0.45(10-II-1)	-155268(13-I-3)	-3876(13-I-3)	8777(10-I-3)
235	11	-8.38(12-I-1)	-0.02(13-II-1)	-0.30(10-II-1)	-155007(13-I-3)	-1702(13-I-3)	6616(10-I-3)
235	12	-8.34(12-I-1)	0.00(11-I-4)	-0.11(10-II-1)	-154118(13-I-3)	-309(13-I-3)	2782(10-I-3)
235	13	-8.11(12-I-1)	-0.14(12-I-1)	-0.55(10-II-1)	-146563(13-I-3)	-5140(13-I-3)	9713(10-I-3)
235	14	-8.18(12-I-1)	-0.07(12-I-1)	-0.43(10-II-1)	-146643(13-I-3)	-3127(13-I-3)	8611(10-I-3)
235	15	-8.21(12-I-1)	-0.02(13-II-1)	-0.29(10-II-1)	-146508(13-I-3)	-1351(13-I-3)	6489(10-I-3)
235	16	-8.17(12-I-1)	-0.00(13-II-4)	-0.10(10-II-1)	-145927(13-I-3)	-244(13-I-3)	2739(10-I-3)
236	1	-7.97(12-I-1)	-0.12(12-I-1)	-0.56(10-II-1)	-138449(13-I-3)	-4271(13-I-3)	9596(10-I-3)
236	2	-8.03(12-I-1)	-0.06(12-I-1)	-0.43(10-II-1)	-138560(13-I-3)	-2543(13-I-3)	8482(10-I-3)
236	3	-8.05(12-I-1)	-0.02(13-II-1)	-0.27(10-II-1)	-138511(13-I-3)	-1089(13-I-3)	6395(10-I-3)
236	4	-8.02(12-I-1)	-0.00(13-II-4)	-0.10(10-II-1)	-138129(13-I-3)	-197(13-I-3)	2712(10-I-3)
236	5	-7.84(12-I-1)	-0.10(12-I-1)	-0.54(10-II-1)	-130876(13-I-3)	-3564(13-I-3)	9494(10-I-3)
236	6	-7.89(12-I-1)	-0.05(12-I-4)	-0.41(10-II-1)	-130993(13-I-3)	-2098(13-I-3)	8367(10-I-3)
236	7	-7.91(12-I-1)	-0.02(13-II-4)	-0.26(10-II-1)	-130994(13-I-3)	-890(13-I-3)	6318(10-I-3)
236	8	-7.88(12-I-1)	-0.00(12-II-2)	-0.09(10-II-1)	-130743(13-I-3)	-161(13-I-3)	2687(10-I-3)
236	9	-7.73(12-I-2)	-0.09(12-I-1)	-0.54(10-II-1)	-123706(13-I-3)	-2976(13-I-3)	9376(10-I-3)
236	10	-7.76(12-I-1)	-0.04(13-II-1)	-0.40(10-II-1)	-123829(13-I-3)	-1738(13-I-3)	8260(10-I-3)
236	11	-7.78(12-I-1)	-0.01(13-II-4)	-0.26(10-II-1)	-123862(13-I-3)	-730(13-I-3)	6247(10-I-3)
236	12	-7.75(12-I-1)	-0.00(12-II-2)	-0.09(10-II-4)	-123697(13-I-3)	-137(12-I-1)	2665(10-I-3)
236	13	-7.62(12-I-2)	-0.07(12-I-4)	-0.53(10-II-4)	-116929(13-I-3)	-2486(13-I-3)	9254(10-I-3)
236	14	-7.65(12-I-2)	-0.04(13-II-1)	-0.40(10-II-4)	-117051(13-I-3)	-1436(13-I-3)	8157(10-I-3)
236	15	-7.66(12-I-2)	-0.01(13-II-4)	-0.25(10-II-4)	-117101(13-I-3)	-602(12-I-1)	6181(10-I-3)
236	16	-7.64(12-I-1)	-0.00(12-II-2)	-0.09(10-II-4)	-116997(13-I-3)	-130(12-I-1)	2645(10-I-3)
237	1	-7.53(12-I-2)	-0.07(12-I-4)	-0.53(10-II-4)	-110534(13-I-3)	-2091(12-I-1)	9124(10-I-3)
237	2	-7.56(12-I-2)	-0.03(13-II-1)	-0.40(10-II-4)	-110648(13-I-3)	-1254(12-I-1)	8051(10-I-3)
237	3	-7.57(12-I-2)	-0.01(12-II-2)	-0.25(10-II-4)	-110706(13-I-3)	-564(12-I-1)	6116(10-I-3)
237	4	-7.54(12-I-2)	-0.00(12-II-2)	-0.08(10-II-4)	-110646(13-I-3)	-125(12-I-1)	2626(10-I-3)
237	5	-7.44(12-I-2)	-0.06(12-I-4)	-0.53(10-II-4)	-104516(13-I-3)	-1973(12-I-1)	8982(10-I-3)
237	6	-7.47(12-I-2)	-0.03(8)	-0.39(10-II-4)	-104617(13-I-3)	-1187(12-I-1)	7939(10-I-3)
237	7	-7.48(12-I-2)	-0.01(12-II-2)	-0.24(10-II-4)	-104677(13-I-3)	-539(12-I-1)	6048(10-I-3)
237	8	-7.47(12-I-2)	-0.00(12-II-2)	-0.08(10-II-4)	-104650(13-I-3)	-122(12-I-1)	2606(10-I-3)
237	9	-7.35(12-I-2)	-0.06(8)	-0.53(10-II-4)	-103673(4)	-1897(12-I-2)	8826(10-I-3)
237	10	-7.39(12-I-2)	-0.03(8)	-0.39(10-II-4)	-103707(4)	-1146(12-I-2)	7816(10-I-3)
237	11	-7.41(12-I-2)	-0.01(12-II-2)	-0.24(10-II-4)	-103750(4)	-527(12-I-2)	5973(10-I-3)
237	12	-7.39(12-I-2)	-0.00(12-II-2)	-0.08(10-II-4)	-103823(4)	-123(12-I-2)	2583(10-I-3)
237	13	-7.28(12-I-2)	-0.06(8)	-0.53(10-II-4)	-105839(4)	-1882(12-I-2)	8651(10-I-3)
237	14	-7.32(12-I-2)	-0.03(8)	-0.39(10-II-4)	-105896(4)	-1146(12-I-2)	7678(10-I-3)
237	15	-7.34(12-I-2)	-0.01(12-II-2)	-0.24(10-II-4)	-105951(4)	-532(12-I-2)	5887(10-I-3)
237	16	-7.33(12-I-2)	-0.00(12-II-2)	-0.08(10-II-4)	-106015(4)	-126(12-I-2)	2555(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
238	1	-7.25(8)	-0.14(6)	-0.56(12-II-3)	141111(4)	4562(13-I-2)	7565(10-I-3)
238	2	-7.12(8)	-0.08(12-II-3)	-0.41(12-II-3)	141598(4)	2860(13-I-2)	6559(10-I-3)
238	3	-7.14(10-I-2)	-0.04(12-II-3)	-0.25(12-II-3)	141868(4)	1293(13-I-2)	4856(10-I-3)
238	4	-7.20(10-I-2)	-0.01(12-II-3)	-0.09(12-II-3)	141678(4)	262(12-I-2)	2018(10-I-3)
238	5	-7.16(8)	-0.16(8)	-0.59(12-II-3)	146788(4)	5316(13-I-2)	8062(10-I-3)
238	6	-7.04(8)	-0.10(12-II-3)	-0.44(12-II-3)	147390(4)	3357(13-I-2)	7024(10-I-3)
238	7	-7.06(10-I-2)	-0.04(12-II-3)	-0.27(12-II-3)	147734(4)	1530(13-I-2)	5210(10-I-3)
238	8	-7.14(10-I-2)	-0.01(12-II-3)	-0.09(12-II-3)	147505(4)	304(13-I-2)	2163(10-I-3)
238	9	-7.07(8)	-0.20(8)	-0.64(12-II-3)	152750(4)	6221(13-I-2)	8658(10-I-3)
238	10	-6.96(8)	-0.12(12-II-3)	-0.48(12-II-3)	153532(4)	3960(13-I-2)	7602(10-I-3)
238	11	-7.00(10-I-2)	-0.05(12-II-3)	-0.30(12-II-3)	154009(4)	1816(13-I-2)	5660(10-I-3)
238	12	-7.09(10-I-2)	-0.01(12-II-3)	-0.10(12-II-3)	153754(4)	370(13-I-2)	2349(10-I-3)
238	13	-6.98(8)	-0.24(8)	-0.69(12-II-3)	158933(4)	7335(13-I-2)	9388(10-I-3)
238	14	-6.90(8)	-0.14(8)	-0.53(12-II-3)	159997(4)	4710(13-I-2)	8339(10-I-3)
238	15	-6.97(12-I-2)	-0.07(12-II-3)	-0.34(12-II-3)	160711(4)	2175(13-I-2)	6245(10-I-3)
238	16	-7.10(12-I-2)	-0.01(12-II-3)	-0.11(12-II-3)	160461(4)	424(13-I-3)	2594(10-I-3)
239	1	-6.92(8)	-0.28(8)	-0.73(12-II-3)	163818(4)	8357(13-I-2)	10070(10-I-3)
239	2	-6.86(8)	-0.17(8)	-0.57(12-II-3)	165839(13-I-3)	5414(13-I-2)	9048(10-I-3)
239	3	-6.97(12-I-2)	-0.08(12-II-3)	-0.37(12-II-3)	167584(13-I-3)	2517(13-I-2)	6822(10-I-3)
239	4	-7.14(12-I-2)	-0.02(12-II-3)	-0.13(12-II-3)	167345(13-I-3)	498(13-I-3)	2821(10-I-3)
239	5	-6.86(8)	-0.32(8)	-0.77(12-II-3)	168228(13-I-3)	9222(13-I-2)	10623(10-I-3)
239	6	-6.83(8)	-0.20(8)	-0.61(12-II-3)	171199(13-I-3)	6028(13-I-2)	9655(10-I-3)
239	7	-6.97(12-I-2)	-0.09(12-II-3)	-0.40(12-II-3)	173394(13-I-3)	2826(13-I-2)	7331(10-I-3)
239	8	-7.18(12-I-2)	-0.02(12-II-3)	-0.14(12-II-3)	173353(13-I-3)	603(13-I-3)	3032(10-I-3)
239	9	-6.81(8)	-0.36(8)	-0.81(12-II-3)	173059(13-I-3)	10223(13-I-2)	11561(11-I-4)
239	10	-6.80(8)	-0.22(8)	-0.65(12-II-3)	176621(13-I-3)	6756(13-I-2)	10908(13-I-4)
239	11	-6.98(12-I-2)	-0.10(13-I-2)	-0.44(12-II-3)	179424(13-I-3)	3208(13-I-2)	8457(13-I-4)
239	12	-7.22(12-I-2)	-0.02(12-II-3)	-0.16(12-II-3)	179680(13-I-2)	702(13-I-2)	3464(13-I-4)
239	13	-6.74(8)	-0.41(6)	-0.85(12-II-3)	177818(13-I-2)	11370(13-I-2)	12859(11-I-4)
239	14	-6.75(8)	-0.25(8)	-0.70(12-II-3)	182137(13-I-2)	7632(13-I-2)	12421(13-I-4)
239	15	-7.00(12-I-2)	-0.11(13-I-2)	-0.47(12-II-3)	185779(13-I-2)	3686(13-I-2)	9818(13-I-4)
239	16	-7.33(12-I-2)	-0.03(13-I-2)	-0.19(12-II-3)	186485(13-I-2)	840(11-I-2)	4046(13-I-4)
240	1	-6.63(8)	-0.53(6)	-0.94(12-II-3)	186587(13-I-2)	14426(13-I-2)	15537(11-I-4)
240	2	-6.72(8)	-0.39(7)	-0.82(12-II-3)	192704(13-I-2)	10182(13-I-2)	16102(13-I-4)
240	3	-7.02(12-I-2)	-0.20(13-I-2)	-0.58(12-II-3)	198973(13-I-2)	5110(13-I-2)	13448(13-I-4)
240	4	-7.49(12-I-2)	0.01(12-I-2)	-0.22(12-II-3)	201940(13-I-2)	1204(11-I-2)	5776(13-I-4)
240	5	-6.36(8)	-0.75(2)	-1.03(12-II-3)	197616(13-I-2)	19936(13-I-2)	18707(11-I-4)
240	6	-6.58(8)	-0.67(2)	-1.04(12-II-3)	206313(13-I-2)	15789(13-I-2)	21897(13-I-4)
240	7	-7.06(12-I-2)	-0.47(13-I-2)	-0.88(2)	219419(13-I-2)	9322(13-I-2)	21369(13-I-4)
240	8	-7.98(12-I-2)	0.05(2)	-0.37(13-I-2)	230491(13-I-2)	2448(13-I-3)	10338(13-I-3)
240	9	-5.99(8)	-0.93(4)	-1.00(12-II-3)	206347(13-I-2)	24672(11-I-2)	16726(11-I-4)
240	10	-6.17(8)	-0.98(2)	-1.11(12-II-3)	214326(13-I-2)	21533(11-I-2)	22301(11-I-4)
240	11	-7.00(9)	-1.10(4)	-1.46(2)	232889(13-I-2)	16540(13-I-2)	27650(13-I-4)
240	12	-8.79(9)	-0.51(13-I-2)	-0.92(13-I-2)	270024(13-I-2)	7072(13-I-3)	21529(13-I-3)
240	13	-5.73(8)	-0.88(4)	-0.99(12-II-3)	225089(11-I-2)	22153(11-I-2)	6206(10-I-3)
240	14	-5.59(8)	-0.91(13-II-4)	-0.93(12-II-3)	228820(11-I-2)	16743(11-I-2)	7776(10-I-3)
240	15	-6.37(12-I-2)	-1.40(13-II-4)	-1.34(2)	242510(11-I-2)	6364(11-I-4)	12739(11-I-4)
240	16	-10.46(9)	-2.31(13-II-4)	-3.22(4)	299104(11-I-2)	-16534(13-I-2)	15725(11-I-4)
241	1	4.47(12-I-2)	0.61(4)	0.64(11-I-2)	214779(4)	5121(9)	-8186(10-I-3)
241	2	5.11(4)	0.30(4)	0.73(11-I-2)	210967(4)	3370(9)	-7862(10-I-3)
241	3	5.91(4)	-0.13(12-II-2)	0.87(11-I-2)	206568(4)	2242(9)	-8659(11-I-4)
241	4	6.60(4)	-0.91(4)	0.84(13-I-2)	201263(4)	2141(9)	-11061(11-I-4)
241	5	4.37(12-I-2)	0.66(4)	0.96(13-I-2)	211374(4)	4367(9)	-11226(4)
241	6	4.99(4)	0.40(4)	1.06(13-I-2)	207470(4)	2515(9)	-12068(4)
241	7	5.59(4)	0.25(4)	1.14(13-I-2)	203076(4)	1332(9)	-13494(11-I-4)
241	8	6.78(4)	-0.79(4)	1.06(13-I-2)	198575(4)	1358(11-I-4)	-16793(13-I-4)
241	9	4.20(12-I-2)	0.68(4)	1.30(4)	203895(4)	2649(12-II-3)	-17547(4)
241	10	4.88(4)	0.43(4)	1.42(4)	199848(4)	-3707(4)	-19127(4)
241	11	5.78(4)	0.23(4)	1.47(13-I-2)	194729(4)	-5509(4)	-21652(4)
241	12	6.31(4)	-0.19(4)	1.28(13-I-2)	186608(4)	-5897(4)	-25804(4)
241	13	3.89(12-I-2)	0.64(4)	1.66(4)	192504(4)	-2420(4)	-22201(4)
241	14	4.38(4)	0.76(4)	1.84(4)	188802(4)	-4822(4)	-24001(4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
241	15	5.43(4)	0.45(4)	2.24(4)	183179(4)	-6575(4)	-27604(4)
241	16	5.85(4)	0.79(4)	1.75(4)	172891(4)	-5939(4)	-35979(4)
242	1	-11.50(10-I-3)	-1.31(10-I-3)	2.07(10-I-3)	218177(11-II-2)	25168(11-II-2)	-8141(13-II-1)
242	2	-12.54(10-I-3)	-1.31(10-I-3)	1.69(10-I-3)	216238(11-II-2)	23983(11-II-2)	-10180(13-II-1)
242	3	-13.39(10-I-3)	-1.26(10-I-3)	1.53(10-I-3)	213436(11-II-2)	21826(11-II-2)	-12724(13-II-1)
242	4	-14.21(10-I-3)	-1.16(10-I-3)	1.03(10-I-3)	218607(11-II-2)	16470(11-II-2)	-15814(11-II-2)
242	5	-11.40(10-I-3)	-1.02(10-I-3)	1.90(10-I-3)	202853(11-II-2)	19624(11-II-2)	-7903(13-II-4)
242	6	-12.25(10-I-3)	-0.83(10-I-3)	1.68(10-I-3)	202083(11-II-2)	16924(11-II-2)	-9327(13-II-1)
242	7	-12.96(10-I-3)	-0.62(10-I-3)	1.29(10-I-3)	202445(11-II-2)	12115(11-II-2)	-10715(13-II-1)
242	8	-13.33(10-I-3)	-0.07(10-I-3)	0.44(10-I-3)	198336(11-II-2)	3078(11-II-2)	-5641(13-II-1)
242	9	-11.22(10-I-3)	-0.77(10-I-3)	1.74(10-I-3)	188257(11-II-2)	15251(11-II-2)	-7302(13-II-4)
242	10	-11.90(10-I-3)	-0.53(10-I-3)	1.48(10-I-3)	188502(11-II-2)	11667(11-II-2)	-8096(13-II-4)
242	11	-12.43(10-I-3)	-0.23(10-I-3)	0.98(10-I-3)	188004(11-II-2)	6239(11-II-2)	-7317(13-II-4)
242	12	-12.63(10-I-3)	-0.02(10-I-3)	0.31(10-I-3)	183539(11-II-2)	1495(11-II-2)	-3160(13-II-4)
242	13	-10.99(10-I-3)	-0.57(10-I-3)	1.56(10-I-3)	174452(11-II-2)	11906(11-II-2)	-6515(13-II-4)
242	14	-11.52(10-I-3)	-0.34(10-I-3)	1.26(10-I-3)	174764(11-II-2)	8229(11-II-2)	-6647(13-II-4)
242	15	-11.92(10-I-3)	-0.12(10-I-3)	0.80(10-I-3)	174068(11-II-2)	4001(11-II-2)	-5423(13-II-4)
242	16	-12.05(10-I-3)	-0.01(10-I-3)	0.26(10-I-3)	170837(11-II-2)	777(11-II-2)	-2227(13-II-4)
243	1	-10.73(10-I-3)	-0.44(10-I-3)	1.39(10-I-3)	161380(11-II-2)	9433(11-II-2)	-5703(13-II-4)
243	2	-11.15(10-I-3)	-0.24(10-I-3)	1.09(10-I-3)	161678(11-II-2)	6186(11-II-2)	-5527(13-II-4)
243	3	-11.46(10-I-3)	-0.08(10-I-3)	0.68(10-I-3)	161142(11-II-2)	2847(11-II-2)	-4316(13-II-4)
243	4	-11.57(10-I-3)	-0.01(10-I-3)	0.22(10-I-3)	159030(11-II-2)	537(11-II-2)	-1773(13-II-4)
243	5	-10.47(10-I-3)	-0.34(10-I-3)	1.25(10-I-3)	152551(13-II-2)	7615(11-II-2)	-4998(13-II-4)
243	6	-10.81(10-I-3)	-0.18(10-I-3)	0.96(10-I-3)	152764(13-II-2)	4841(11-II-2)	-4699(13-II-4)
243	7	-11.05(10-I-3)	-0.06(10-I-3)	0.60(10-I-3)	152440(13-II-2)	2179(11-II-2)	-3608(13-II-4)
243	8	-11.15(10-I-3)	-0.00(13-I-4)	0.20(10-I-3)	151125(13-II-2)	407(11-II-2)	-1508(12-I-1)
243	9	-10.21(10-I-3)	-0.26(10-I-3)	1.12(10-I-3)	146702(13-II-2)	6263(13-II-2)	-4419(13-II-4)
243	10	-10.49(10-I-3)	-0.13(10-I-3)	0.85(10-I-3)	146963(13-II-2)	3926(13-II-2)	-4079(13-II-4)
243	11	-10.67(10-I-3)	-0.04(10-I-3)	0.53(10-I-3)	146821(13-II-2)	1752(13-II-2)	-3162(12-I-1)
243	12	-10.76(10-I-3)	-0.00(13-I-4)	0.18(10-I-3)	145927(13-II-2)	327(13-II-2)	-1370(12-I-1)
243	13	-9.93(10-I-3)	-0.24(10-I-3)	1.00(10-I-3)	140995(13-II-2)	5416(13-II-2)	-3917(13-II-4)
243	14	-10.16(10-I-3)	-0.13(10-I-3)	0.76(10-I-3)	141328(13-II-2)	3352(13-II-2)	-3630(12-I-1)
243	15	-10.33(10-I-3)	-0.04(10-I-3)	0.48(10-I-3)	141326(13-II-2)	1485(13-II-2)	-2840(12-I-1)
243	16	-10.41(10-I-3)	-0.00(13-I-4)	0.16(10-I-3)	140700(13-II-2)	280(13-II-2)	-1240(13-I-2)
244	1	2.37(11-I-4)	0.96(11-I-4)	2.39(11-I-4)	-184793(11-I-4)	-14484(11-I-4)	-5360(13-I-2)
244	2	-7.01(2)	-0.25(12-II-3)	0.39(11-I-4)	-210192(11-I-4)	-21909(11-I-4)	5962(10-I-3)
244	3	-8.09(2)	-0.62(2)	0.81(11-I-4)	-228883(11-I-4)	-25949(11-I-4)	8521(10-I-3)
244	4	-9.16(2)	-0.78(2)	0.53(10-I-2)	-241873(11-I-4)	-28603(11-I-4)	10402(10-I-3)
244	5	2.01(11-I-4)	0.58(11-I-4)	1.57(11-I-4)	-180653(11-I-4)	-3928(11-I-4)	3158(10-I-3)
244	6	-6.50(2)	0.92(11-I-4)	1.19(11-I-4)	-201030(11-I-4)	-13553(11-I-4)	6393(10-I-3)
244	7	-7.84(2)	0.25(11-I-4)	0.82(11-I-4)	-214457(11-I-4)	-19735(11-I-4)	8641(10-I-3)
244	8	-8.89(2)	-0.31(2)	0.63(10-I-2)	-225113(11-I-4)	-23739(11-I-4)	10040(10-I-3)
244	9	-2.34(2)	0.30(11-I-4)	1.04(11-I-4)	-176949(11-I-4)	-1725(11-I-4)	3737(10-I-3)
244	10	-5.92(2)	0.80(11-I-4)	1.37(11-I-4)	-190912(11-I-4)	-8403(11-I-4)	6901(10-I-3)
244	11	-7.58(2)	0.56(11-I-4)	0.99(11-I-4)	-201149(11-I-4)	-15171(11-I-4)	8346(10-I-3)
244	12	-8.63(2)	0.35(11-I-4)	0.70(10-I-2)	-209412(11-I-4)	-19869(11-I-4)	9479(10-I-3)
244	13	-2.98(2)	0.16(1)	0.74(11-I-4)	-171996(11-I-4)	-928(11-I-4)	3613(10-I-3)
244	14	-5.59(2)	0.58(11-I-4)	1.28(11-I-4)	-180956(11-I-4)	-5812(11-I-4)	6828(10-I-3)
244	15	-7.28(2)	0.63(11-I-4)	1.09(11-I-4)	-188539(11-I-4)	-11837(11-I-4)	8007(10-I-3)
244	16	-8.37(2)	0.50(11-I-4)	0.80(11-I-1)	-194919(11-I-4)	-16745(11-I-4)	8851(10-I-3)
245	1	-4.56(2)	0.03(1)	0.25(11-I-4)	-140445(13-I-4)	-287(4)	2869(10-I-3)
245	2	-5.44(2)	0.16(1)	0.63(11-I-4)	-141171(13-I-4)	-1879(13-I-4)	5684(10-I-3)
245	3	-6.40(2)	0.30(1)	0.81(11-I-4)	-142228(13-I-4)	-4531(4)	6547(10-I-3)
245	4	-7.25(2)	0.42(1)	0.83(11-I-1)	-143479(13-I-4)	-7625(4)	6909(10-I-3)
245	5	-4.68(2)	0.02(1)	0.22(11-I-4)	-134109(13-I-4)	-268(4)	2820(10-I-3)
245	6	-5.45(2)	0.13(2)	0.56(11-I-4)	-134547(13-I-4)	-1676(4)	5594(10-I-3)
245	7	-6.32(2)	0.28(2)	0.74(11-I-4)	-135194(13-I-4)	-4056(4)	6427(10-I-3)
245	8	-7.10(2)	0.40(2)	0.78(11-I-1)	-136046(13-I-4)	-6894(4)	6735(10-I-3)
245	9	-4.77(2)	0.02(10-II-4)	0.19(11-I-4)	-131239(4)	-253(4)	2781(10-I-3)
245	10	-5.45(2)	0.11(2)	0.50(11-I-4)	-131374(4)	-1523(4)	5527(10-I-3)
245	11	-6.22(2)	0.25(2)	0.67(11-I-4)	-131460(4)	-3685(4)	6353(10-I-3)
245	12	-6.97(2)	0.37(2)	0.73(11-I-1)	-131564(4)	-6290(4)	6626(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
245	13	-4.83(2)	0.02(10-II-4)	0.17(11-I-4)	-128868(4)	-241(4)	2745(10-I-3)
245	14	-5.45(2)	0.10(2)	0.44(11-I-4)	-128906(4)	-1406(4)	5472(10-I-3)
245	15	-6.15(2)	0.23(2)	0.61(11-I-4)	-128820(4)	-3391(4)	6297(10-I-3)
245	16	-6.85(2)	0.35(2)	0.68(11-I-1)	-128713(4)	-5807(4)	6546(10-I-3)
246	1	-2.11(11-I-4)	0.04(2)	-0.55(2)	-198142(2)	-1858(2)	6967(2)
246	2	-2.97(2)	0.24(2)	-1.03(2)	-192893(2)	-6752(2)	13459(2)
246	3	-4.85(2)	0.25(10-II-3)	-0.87(2)	-187200(2)	-12174(2)	13239(2)
246	4	-6.13(2)	0.20(10-II-4)	-0.50(2)	-184384(2)	-16219(2)	10665(2)
246	5	-1.93(11-I-4)	0.05(2)	-0.71(2)	-217879(2)	-3049(2)	11269(2)
246	6	-2.87(2)	0.19(10-II-3)	-1.06(2)	-203468(2)	-9989(2)	17542(2)
246	7	-5.06(2)	-0.25(12-I-3)	-0.65(2)	-195639(2)	-15368(2)	14351(2)
246	8	-6.33(2)	-0.54(7)	0.42(12-I-2)	-194310(2)	-19989(2)	10577(2)
246	9	-1.82(11-I-4)	0.09(2)	-0.85(2)	-240507(2)	-4334(2)	17425(2)
246	10	-2.95(2)	-0.58(7)	-0.68(2)	-207064(2)	-8277(2)	15366(2)
246	11	-5.41(2)	-1.20(2)	0.40(12-I-2)	-204098(2)	-16574(2)	12073(2)
246	12	-6.45(2)	-1.58(2)	0.53(12-I-2)	-205479(2)	-22847(2)	8190(2)
246	13	-1.84(11-I-1)	-1.53(13-I-2)	0.78(7)	-241196(2)	57250(2)	-9829(7)
246	14	-3.96(2)	-2.60(2)	0.59(7)	-216949(2)	8667(7)	5571(2)
246	15	-5.40(2)	-3.24(2)	0.50(12-I-2)	-216586(2)	-12623(2)	5081(2)
246	16	-6.35(2)	-3.33(2)	0.54(12-I-2)	-221873(2)	-22965(2)	3504(5)
247	1	-3.40(2)	0.02(12-II-4)	-0.19(2)	-147089(2)	-437(2)	2126(10-I-3)
247	2	-4.18(2)	0.13(2)	-0.45(2)	-147006(2)	-2034(7)	4622(11-II-2)
247	3	-5.04(2)	0.27(2)	-0.54(2)	-145969(2)	-4393(7)	5880(11-II-2)
247	4	-5.87(2)	0.40(2)	-0.50(2)	-144680(2)	-6942(7)	6396(11-II-2)
247	5	-3.10(2)	0.02(12-II-4)	-0.23(2)	-153114(2)	-515(2)	2274(5)
247	6	-3.99(2)	0.14(2)	-0.53(2)	-152989(2)	-2327(2)	5104(5)
247	7	-4.95(2)	0.29(2)	-0.62(2)	-151753(2)	-4909(7)	6266(5)
247	8	-5.85(2)	0.42(2)	-0.56(2)	-150286(2)	-7664(7)	6676(11-II-2)
247	9	-2.81(10-II-4)	0.03(2)	-0.27(2)	-159664(2)	-612(2)	2689(5)
247	10	-3.79(2)	0.16(2)	-0.62(2)	-159433(2)	-2737(2)	5973(5)
247	11	-4.88(2)	0.31(2)	-0.70(2)	-157907(2)	-5538(7)	7204(5)
247	12	-5.85(2)	0.42(2)	-0.60(2)	-156211(2)	-8530(7)	7205(5)
247	13	-2.60(10-II-4)	0.03(2)	-0.31(2)	-166778(2)	-728(2)	3197(5)
247	14	-3.59(2)	0.18(2)	-0.71(2)	-166324(2)	-3247(2)	7019(5)
247	15	-4.81(2)	0.33(2)	-0.78(2)	-164362(2)	-6499(2)	8277(5)
247	16	-5.86(2)	0.41(2)	-0.64(2)	-162382(2)	-9569(7)	8046(5)
248	1	-4.74(2)	0.01(10-II-4)	0.09(11-I-4)	-124104(4)	-234(12-II-4)	2531(10-I-3)
248	2	-5.22(2)	0.08(2)	0.26(11-I-1)	-124023(4)	-1185(4)	5167(10-I-3)
248	3	-5.78(2)	0.18(2)	0.38(11-I-1)	-123621(4)	-2773(4)	6052(10-I-3)
248	4	-6.38(2)	0.31(2)	0.49(10-I-2)	-123087(4)	-4711(4)	6314(10-I-3)
248	5	-4.66(2)	0.01(10-II-4)	0.08(11-I-1)	-124620(4)	-244(12-II-4)	2478(10-I-3)
248	6	-5.13(2)	0.08(2)	0.23(11-I-1)	-124545(4)	-1199(4)	5088(10-I-3)
248	7	-5.70(2)	0.19(2)	0.35(11-I-1)	-124123(4)	-2787(4)	5990(10-I-3)
248	8	-6.30(2)	0.31(2)	0.46(10-I-2)	-123561(4)	-4708(4)	6266(10-I-3)
248	9	-4.55(2)	0.01(10-II-4)	0.07(11-I-1)	-125609(4)	-257(12-II-4)	2424(10-I-3)
248	10	-5.04(2)	0.08(2)	0.21(11-I-1)	-125542(4)	-1233(4)	5004(10-I-3)
248	11	-5.61(2)	0.19(2)	0.32(11-I-1)	-125104(4)	-2842(4)	5922(10-I-3)
248	12	-6.22(2)	0.32(2)	0.43(10-I-2)	-124520(4)	-4771(4)	6214(10-I-3)
248	13	-4.42(2)	0.01(10-II-4)	0.06(11-I-1)	-127054(4)	-273(12-II-4)	2368(10-I-3)
248	14	-4.93(2)	0.08(2)	0.19(11-I-1)	-126999(4)	-1286(4)	4918(10-I-3)
248	15	-5.52(2)	0.20(2)	0.29(10-I-2)	-126545(4)	-2940(4)	5851(10-I-3)
248	16	-6.15(2)	0.32(2)	0.40(10-I-2)	-125942(4)	-4901(4)	6157(10-I-3)
249	1	-3.48(2)	0.09(1)	0.56(11-I-4)	-165716(11-I-4)	-615(11-I-4)	3378(10-I-3)
249	2	-5.45(2)	0.42(11-I-4)	1.12(11-I-4)	-171284(11-I-4)	-4327(11-I-4)	6540(10-I-3)
249	3	-7.01(2)	0.58(11-I-4)	1.09(11-I-4)	-176684(11-I-4)	-9475(11-I-4)	7614(10-I-3)
249	4	-8.10(2)	0.55(11-I-4)	0.86(11-I-4)	-181526(11-I-4)	-14175(11-I-4)	8283(10-I-3)
249	5	-3.87(2)	0.06(1)	0.44(11-I-4)	-158696(13-I-4)	-466(11-I-4)	3180(10-I-3)
249	6	-5.40(2)	0.31(1)	0.97(11-I-4)	-161942(13-I-4)	-3376(11-I-4)	6237(10-I-3)
249	7	-6.79(2)	0.50(11-I-4)	1.04(11-I-4)	-165515(11-I-4)	-7731(11-I-4)	7245(10-I-3)
249	8	-7.85(2)	0.55(11-I-4)	0.89(11-I-4)	-169110(11-I-4)	-12048(11-I-4)	7797(10-I-3)
249	9	-4.16(2)	0.04(1)	0.36(11-I-4)	-152979(13-I-4)	-382(13-I-4)	3039(10-I-3)
249	10	-5.39(2)	0.24(1)	0.84(11-I-4)	-154967(13-I-4)	-2709(11-I-4)	5989(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
249	11	-6.60(2)	0.41(1)	0.97(11-I-4)	-157365(13-I-4)	-6389(11-I-4)	6941(10-I-3)
249	12	-7.63(2)	0.50(11-I-4)	0.90(11-I-4)	-159893(13-I-4)	-10252(11-I-4)	7402(10-I-3)
249	13	-4.39(2)	0.03(1)	0.30(11-I-4)	-146792(13-I-4)	-326(13-I-4)	2941(10-I-3)
249	14	-5.42(2)	0.19(1)	0.73(11-I-4)	-147993(13-I-4)	-2228(13-I-4)	5809(10-I-3)
249	15	-6.50(2)	0.37(1)	0.88(11-I-4)	-149627(13-I-4)	-5318(13-I-4)	6718(10-I-3)
249	16	-7.43(2)	0.46(11-I-4)	0.84(11-I-1)	-151423(13-I-4)	-8748(11-I-4)	7127(10-I-3)
250	1	-4.86(2)	0.01(10-II-4)	0.15(11-I-4)	-126943(4)	-232(4)	2708(10-I-3)
250	2	-5.42(2)	0.09(2)	0.40(11-I-4)	-126923(4)	-1318(4)	5420(10-I-3)
250	3	-6.08(2)	0.21(2)	0.56(11-I-1)	-126719(4)	-3163(4)	6250(10-I-3)
250	4	-6.74(2)	0.33(2)	0.63(11-I-1)	-126462(4)	-5425(4)	6488(10-I-3)
250	5	-4.87(2)	0.01(10-II-4)	0.13(11-I-4)	-125493(4)	-226(4)	2669(10-I-3)
250	6	-5.39(2)	0.08(2)	0.35(11-I-4)	-125439(4)	-1253(4)	5366(10-I-3)
250	7	-6.01(2)	0.20(2)	0.51(11-I-1)	-125156(4)	-2993(4)	6205(10-I-3)
250	8	-6.64(2)	0.32(2)	0.59(10-I-2)	-124791(4)	-5132(4)	6441(10-I-3)
250	9	-4.85(2)	0.01(10-II-4)	0.12(11-I-4)	-124534(4)	-222(4)	2627(10-I-3)
250	10	-5.35(2)	0.08(2)	0.32(11-I-4)	-124462(4)	-1211(4)	5306(10-I-3)
250	11	-5.93(2)	0.19(2)	0.46(11-I-1)	-124124(4)	-2874(4)	6159(10-I-3)
250	12	-6.55(2)	0.31(2)	0.56(10-I-2)	-123683(4)	-4919(4)	6400(10-I-3)
250	13	-4.80(2)	0.01(10-II-4)	0.10(11-I-4)	-124072(4)	-226(12-II-4)	2581(10-I-3)
250	14	-5.29(2)	0.08(2)	0.29(11-I-1)	-123992(4)	-1188(4)	5240(10-I-3)
250	15	-5.86(2)	0.19(2)	0.42(11-I-1)	-123617(4)	-2802(4)	6109(10-I-3)
250	16	-6.46(2)	0.31(2)	0.52(10-I-2)	-123121(4)	-4780(4)	6358(10-I-3)
251	1	-2.40(10-II-4)	0.04(2)	-0.36(2)	-172663(2)	-848(2)	3663(5)
251	2	-3.44(2)	0.19(2)	-0.78(2)	-171936(2)	-3724(2)	7971(5)
251	3	-4.80(2)	0.34(2)	-0.83(2)	-169517(2)	-7382(2)	9201(5)
251	4	-5.91(2)	0.39(2)	-0.65(2)	-167286(2)	-10582(2)	8707(5)
251	5	-2.32(11-I-4)	0.04(2)	-0.39(2)	-177150(2)	-974(2)	4063(5)
251	6	-3.33(2)	0.20(2)	-0.84(2)	-176063(2)	-4140(2)	8759(5)
251	7	-4.78(2)	0.34(2)	-0.86(2)	-173216(2)	-8121(2)	9916(5)
251	8	-5.93(2)	0.37(2)	-0.65(2)	-170789(2)	-11538(2)	9176(5)
251	9	-2.27(11-I-4)	0.04(2)	-0.42(2)	-181886(2)	-1117(2)	4536(5)
251	10	-3.23(2)	0.21(2)	-0.89(2)	-180289(2)	-4632(2)	9658(2)
251	11	-4.78(2)	0.33(2)	-0.88(2)	-176910(2)	-8956(2)	10674(5)
251	12	-5.97(2)	0.33(2)	-0.63(2)	-174291(2)	-12587(2)	9626(5)
251	13	-2.22(11-I-4)	0.06(2)	-0.47(2)	-186911(2)	-1284(2)	5155(2)
251	14	-3.12(2)	0.22(2)	-0.93(2)	-184587(2)	-5226(2)	10783(2)
251	15	-4.82(2)	0.32(2)	-0.90(2)	-180557(2)	-9895(2)	11525(2)
251	16	-6.02(2)	0.30(10-II-4)	-0.61(2)	-177772(2)	-13739(2)	10036(5)
252	1	14.07(11-I-4)	0.42(10-I-3)	3.07(11-I-4)	60773(11-I-4)	-11310(2)	-17850(2)
252	2	15.98(11-I-4)	-1.09(1)	1.93(11-I-4)	65158(11-I-4)	-9290(2)	-21938(2)
252	3	16.94(11-I-4)	-1.95(4)	0.26(10-I-3)	89568(1)	3736(10-I-1)	-21556(2)
252	4	15.50(11-I-4)	-1.78(4)	-0.51(12-II-3)	94753(1)	-14097(4)	-1086(10-II-1)
252	5	14.40(11-I-4)	-0.94(2)	0.73(11-I-4)	85996(1)	-6441(2)	7540(11-I-4)
252	6	12.73(11-I-4)	-0.75(2)	1.16(11-I-4)	56528(1)	4268(2)	14934(2)
252	7	16.03(11-I-4)	0.42(11-I-4)	2.00(11-I-4)	56859(11-I-4)	-6209(11-I-4)	30476(1)
252	8	15.15(11-I-4)	-0.55(2)	2.01(11-I-4)	52264(11-I-4)	5824(4)	28785(11-I-4)
252	9	12.02(11-I-4)	-0.65(2)	1.86(11-I-4)	38577(11-I-4)	8846(11-I-4)	24759(11-I-4)
252	10	8.63(11-I-4)	-0.84(2)	-1.68(13-II-4)	27839(11-I-4)	6342(11-I-4)	18546(11-I-4)
252	11	-6.62(13-II-4)	-0.62(13-II-4)	-2.09(13-II-4)	-29739(13-II-4)	-3839(2)	-8405(13-II-4)
252	12	8.21(11-I-4)	0.63(11-I-4)	2.25(11-I-4)	33342(11-I-4)	-7750(2)	-15043(2)
252	13	11.27(11-I-4)	0.57(11-I-4)	2.89(11-I-4)	45785(11-I-4)	-11189(2)	-17640(2)
253	1	-4.27(2)	0.02(10-II-4)	-0.07(2)	-128936(4)	-291(12-II-4)	2313(10-I-3)
253	2	-4.80(2)	0.09(2)	-0.19(2)	-128896(4)	-1369(7)	4832(10-I-3)
253	3	-5.43(2)	0.21(2)	0.26(11-I-1)	-128423(4)	-3091(7)	5777(10-I-3)
253	4	-6.08(2)	0.34(2)	0.37(10-I-2)	-127800(4)	-5100(4)	6097(10-I-3)
253	5	-4.10(2)	0.02(12-II-4)	-0.10(2)	-132051(2)	-313(12-II-4)	2259(10-I-3)
253	6	-4.67(2)	0.10(2)	-0.25(2)	-131959(2)	-1489(7)	4748(10-I-3)
253	7	-5.33(2)	0.22(2)	-0.31(2)	-131238(2)	-3325(7)	5705(10-I-3)
253	8	-6.01(2)	0.35(2)	0.34(10-I-2)	-130282(2)	-5430(7)	6034(10-I-3)
253	9	-3.89(2)	0.02(12-II-4)	-0.13(2)	-136555(2)	-340(12-II-4)	2209(10-I-3)
253	10	-4.52(2)	0.10(2)	-0.31(2)	-136476(2)	-1636(7)	4669(10-I-3)
253	11	-5.23(2)	0.24(2)	-0.39(2)	-135679(2)	-3614(7)	5635(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
253	12	-5.96(2)	0.37(2)	-0.37(4)	-134637(2)	-5840(7)	5970(10-I-3)
253	13	-3.66(2)	0.02(12-II-4)	-0.16(2)	-141570(2)	-375(2)	2164(10-I-3)
253	14	-4.35(2)	0.11(2)	-0.38(2)	-141497(2)	-1816(7)	4600(10-I-3)
253	15	-5.14(2)	0.25(2)	-0.46(2)	-140599(2)	-3966(7)	5605(11-II-2)
253	16	-5.91(2)	0.39(2)	-0.43(2)	-139449(2)	-6340(7)	6155(11-II-2)
254	1	-8.26(4)	-1.00(4)	-1.42(12-II-3)	142909(4)	12362(13-I-3)	9155(10-I-3)
254	2	-8.14(4)	-0.91(4)	-1.36(12-II-3)	141814(4)	12177(13-I-3)	9069(10-I-3)
254	3	-8.01(4)	-0.82(4)	-1.30(12-II-3)	140920(4)	11965(13-I-2)	8990(10-I-3)
254	4	-7.92(8)	-0.73(4)	-1.24(12-II-3)	140243(4)	11701(13-I-2)	8923(10-I-3)
254	5	-8.17(4)	-1.04(4)	-1.43(12-II-3)	149496(4)	13590(13-I-3)	9097(10-I-3)
254	6	-8.04(4)	-0.95(4)	-1.38(12-II-3)	148221(4)	13440(13-I-2)	9049(10-I-3)
254	7	-7.91(8)	-0.86(4)	-1.32(12-II-3)	147145(4)	13262(13-I-2)	9010(10-I-3)
254	8	-7.82(8)	-0.77(4)	-1.25(12-II-3)	146286(4)	13021(13-I-2)	8987(10-I-3)
254	9	-8.07(4)	-1.08(4)	-1.44(12-II-3)	156490(4)	14890(13-I-2)	8994(10-I-3)
254	10	-7.94(4)	-1.00(4)	-1.39(12-II-3)	155022(4)	14775(13-I-2)	8983(10-I-3)
254	11	-7.83(8)	-0.91(4)	-1.33(12-II-3)	153746(4)	14631(13-I-2)	8984(10-I-3)
254	12	-7.73(8)	-0.82(4)	-1.26(12-II-3)	152679(4)	14425(13-I-2)	9006(10-I-3)
254	13	-7.97(4)	-1.14(4)	-1.44(12-II-3)	163877(4)	16250(13-I-2)	8848(10-I-3)
254	14	-7.84(4)	-1.05(4)	-1.39(12-II-3)	162201(4)	16170(13-I-2)	8875(10-I-3)
254	15	-7.74(8)	-0.96(4)	-1.34(12-II-3)	160708(4)	16066(13-I-2)	8913(10-I-3)
254	16	-7.63(8)	-0.87(4)	-1.27(12-II-3)	159407(4)	15913(13-I-2)	8975(10-I-3)
255	1	-8.62(4)	-0.90(4)	1.38(10-I-3)	121061(4)	9665(6)	8898(10-I-3)
255	2	-8.52(4)	-0.81(4)	1.30(10-I-3)	120542(4)	9077(6)	8689(10-I-3)
255	3	-8.41(4)	-0.72(4)	-1.22(12-II-3)	120207(4)	8499(12-I-2)	8476(10-I-3)
255	4	-8.29(4)	-0.62(4)	-1.15(12-II-3)	120064(4)	8168(12-I-2)	8261(10-I-3)
255	5	-8.54(4)	-0.92(4)	-1.37(12-II-3)	125804(4)	10189(6)	9037(10-I-3)
255	6	-8.43(4)	-0.83(4)	-1.31(12-II-3)	125160(4)	9601(6)	8854(10-I-3)
255	7	-8.31(4)	-0.73(4)	-1.25(12-II-3)	124708(4)	8948(6)	8669(10-I-3)
255	8	-8.19(8)	-0.64(4)	-1.18(12-II-3)	124455(4)	8381(12-I-2)	8485(10-I-3)
255	9	-8.45(4)	-0.94(4)	-1.39(12-II-3)	131042(4)	10800(6)	9125(10-I-3)
255	10	-8.33(4)	-0.85(4)	-1.33(12-II-3)	130261(4)	10218(6)	8972(10-I-3)
255	11	-8.21(4)	-0.76(4)	-1.27(12-II-3)	129677(4)	9625(13-I-3)	8819(10-I-3)
255	12	-8.10(8)	-0.66(4)	-1.20(12-II-3)	129301(4)	9335(13-I-3)	8670(10-I-3)
255	13	-8.35(4)	-0.97(4)	-1.41(12-II-3)	136751(4)	11497(6)	9164(10-I-3)
255	14	-8.24(4)	-0.88(4)	-1.35(12-II-3)	135820(4)	10989(13-I-3)	9043(10-I-3)
255	15	-8.11(4)	-0.79(4)	-1.29(12-II-3)	135089(4)	10757(13-I-3)	8926(10-I-3)
255	16	-8.01(8)	-0.69(4)	-1.22(12-II-3)	134573(4)	10468(13-I-3)	8816(10-I-3)
256	1	-12.48(2)	-2.84(2)	-4.22(2)	-48306(2)	-9512(10-II-1)	-13171(2)
256	2	-12.95(2)	-2.55(2)	-3.65(2)	-50873(2)	-12603(2)	-19679(2)
256	3	-14.75(2)	-2.78(2)	-5.21(2)	-63621(2)	-9150(10-II-1)	-14597(2)
256	4	-15.16(2)	-2.51(2)	-4.11(2)	-66479(2)	-14114(2)	-25335(2)
256	5	-16.89(2)	-2.68(2)	-5.81(2)	-72939(2)	-8807(10-II-1)	-19356(2)
256	6	-17.37(2)	-2.38(2)	-4.96(2)	-75842(2)	-13104(2)	-26631(2)
256	7	-18.56(2)	-2.63(2)	-6.42(2)	-80222(2)	-9115(2)	-24526(2)
256	8	-19.12(2)	-2.31(2)	-5.78(2)	-83234(2)	-12289(2)	-27673(2)
256	9	-19.67(2)	-2.72(2)	-7.02(2)	-85596(2)	-11008(2)	-30236(2)
256	10	-20.38(2)	-2.36(2)	-6.66(2)	-88781(2)	-11117(5)	-28516(2)
256	11	-20.22(2)	-3.12(2)	-7.94(2)	-85397(2)	-13515(2)	-34732(2)
256	12	-21.28(2)	-2.69(2)	-7.47(2)	-89843(2)	-11070(4)	-30863(2)
257	1	-19.70(2)	-0.35(10-II-1)	-1.95(2)	-85306(2)	-1264(11-I-4)	-5889(2)
257	2	-21.40(2)	-0.36(2)	-2.19(2)	-91815(2)	-1067(10-II-1)	-9962(2)
257	3	-22.61(2)	-0.36(4)	-2.49(2)	-95373(2)	-1398(4)	-10732(2)
257	4	-21.81(2)	-0.24(11-I-4)	-1.82(2)	-93196(2)	-1449(11-I-4)	-8447(11-I-4)
257	5	-20.11(2)	-0.40(11-I-4)	-1.30(10-II-1)	-88514(2)	-2411(11-I-4)	-10520(11-I-4)
257	6	-17.85(2)	-0.60(11-I-4)	-1.13(10-II-1)	-82291(2)	-3488(11-I-4)	-12766(11-I-4)
257	7	-15.32(2)	-0.77(11-I-4)	-1.07(10-II-1)	-72521(2)	-5197(2)	-14311(11-I-4)
257	8	-13.26(2)	-1.04(2)	-1.37(10-II-1)	-49991(2)	-4979(2)	-11303(11-I-4)
257	9	-12.71(2)	-0.87(2)	-2.00(10-II-1)	-44426(2)	-1612(10-II-1)	-5275(10-II-1)
257	10	-14.83(2)	-0.56(10-II-1)	-2.21(10-II-1)	-63863(2)	-1369(10-II-1)	4288(10-I-1)
257	11	-17.47(2)	-0.42(10-II-1)	-2.09(10-II-1)	-76561(2)	-1712(11-I-4)	2841(10-I-1)
258	1	-19.23(2)	-0.28(4)	0.40(13-II-4)	-82326(2)	204(13-II-4)	3555(11-I-4)
258	2	-21.21(2)	-0.31(4)	0.32(13-II-4)	-90327(2)	-481(11-I-4)	2035(11-I-4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
258	3	-22.81(2)	0.23(4)	-0.14(11-I-4)	-97313(2)	-616(13-I-3)	1388(4)
258	4	-21.28(2)	0.21(13-I-3)	0.48(4)	-90807(2)	-266(2)	4036(13-II-4)
258	5	-19.44(2)	0.28(4)	0.65(4)	-83729(2)	-204(2)	4738(13-II-4)
258	6	-17.23(2)	0.14(4)	0.63(13-II-4)	-75418(2)	-345(13-II-1)	-8497(11-I-4)
258	7	-13.39(2)	-0.09(11-I-4)	0.91(4)	-60596(2)	-1943(2)	-9418(11-I-4)
258	8	-11.79(2)	-0.15(2)	-1.02(11-I-4)	-50094(2)	1056(2)	-19568(11-I-4)
258	9	-11.01(2)	-0.48(4)	0.82(13-II-4)	-35864(13-II-4)	-1003(13-II-4)	-7116(11-I-4)
258	10	-11.01(2)	-0.29(4)	-0.82(11-I-4)	-38940(13-II-4)	-280(2)	2261(13-II-1)
258	11	-10.63(2)	-0.35(4)	-0.66(11-I-4)	-41466(2)	-668(2)	7445(11-I-4)
258	12	-13.18(2)	0.10(11-I-4)	-1.28(11-I-4)	-58445(2)	1093(2)	8038(11-I-4)
258	13	-16.75(2)	-0.36(4)	-0.57(11-I-4)	-72231(2)	-1182(11-I-4)	6523(11-I-4)
258	14	-12.84(2)	0.10(11-I-4)	-0.77(11-I-4)	-57783(2)	-1092(11-I-4)	-3802(11-I-4)
259	1	-25.40(4)	0.18(13-I-2)	1.18(2)	-106513(4)	-714(2)	13809(2)
259	2	-25.14(2)	0.04(13-I-3)	1.32(2)	-105301(2)	-916(2)	14337(2)
259	3	-24.31(2)	-0.03(13-I-2)	1.60(2)	-106179(2)	-1150(2)	11492(2)
259	4	-23.99(2)	-0.07(11-I-4)	0.90(2)	-105897(2)	314(11-I-4)	1131(13-I-3)
259	5	-24.85(2)	-0.18(2)	1.22(2)	-106344(2)	463(2)	-4134(13-II-4)
259	6	-25.20(4)	-0.27(13-I-2)	1.16(2)	-107656(4)	567(2)	-4241(2)
259	7	-25.19(4)	-0.40(13-I-2)	1.02(2)	-107391(4)	558(2)	-4214(2)
259	8	-24.58(4)	-0.58(13-I-2)	0.72(2)	-104631(4)	349(2)	-3752(2)
259	9	-23.48(4)	0.23(13-I-3)	0.25(2)	-99098(4)	-397(13-I-2)	1407(2)
259	10	-24.60(4)	0.52(13-I-2)	0.59(2)	-103431(4)	-194(2)	8969(2)
259	11	-25.30(4)	0.32(13-I-2)	0.92(2)	-106137(4)	-565(2)	12022(2)
260	1	-16.83(13-I-4)	1.66(12-II-3)	3.87(12-II-3)	-73230(13-I-4)	6692(12-II-3)	-11928(10-I-3)
260	2	-13.69(13-I-4)	1.74(12-II-3)	3.86(12-II-3)	-58978(13-I-4)	5855(12-II-3)	-10934(13-I-4)
260	3	-8.58(13-I-4)	1.89(2)	3.70(12-II-3)	-37459(13-I-4)	5791(12-II-3)	-10967(13-I-4)
260	4	16.74(2)	2.19(2)	1.60(12-II-3)	80466(2)	12664(2)	4671(12-II-3)
260	5	-8.65(13-I-4)	0.88(12-II-3)	1.83(12-II-3)	-31511(13-I-4)	8232(2)	27978(2)
260	6	-13.74(13-I-4)	1.35(12-II-3)	2.65(12-II-3)	-53015(13-I-4)	8346(2)	30215(2)
260	7	-16.96(13-I-4)	1.72(12-II-3)	2.66(12-II-3)	-67887(13-I-4)	8487(2)	30259(2)
260	8	-19.03(13-I-3)	1.80(2)	2.56(12-II-3)	-78169(13-I-3)	8983(2)	27663(12-II-3)
260	9	-20.67(4)	1.58(2)	2.77(12-II-3)	-96205(4)	6509(2)	19756(12-II-3)
260	10	-21.00(4)	1.73(2)	2.74(12-II-3)	-101545(4)	5183(12-II-3)	-9350(10-I-3)
260	11	-18.85(13-I-3)	1.64(2)	3.63(12-II-3)	-82549(13-I-3)	6298(12-II-3)	-11850(10-I-3)
261	1	-14.46(13-I-4)	0.35(2)	3.21(2)	-61562(13-I-4)	4302(2)	-20679(2)
261	2	-9.60(13-I-4)	2.00(2)	3.22(2)	-41940(13-I-4)	1921(13-I-4)	-15582(2)
261	3	17.64(2)	1.05(2)	-1.72(2)	86573(2)	15375(2)	-15732(2)
261	4	-9.44(13-I-4)	-2.72(2)	-0.83(11-II-1)	-30267(13-I-4)	-2304(2)	25028(2)
261	5	-14.27(13-I-4)	-0.46(2)	1.32(12-II-3)	-49562(13-I-4)	-2498(2)	35066(2)
261	6	-17.14(13-I-4)	0.23(2)	2.04(12-II-3)	-62831(13-I-4)	-2451(13-I-2)	41741(2)
261	7	-18.75(4)	0.24(11-II-1)	2.70(2)	-72847(13-I-4)	-2360(13-I-2)	43858(2)
261	8	-19.68(4)	-0.24(13-I-2)	4.02(2)	-100830(4)	-3701(2)	36752(2)
261	9	-19.95(4)	0.19(2)	2.98(2)	-109197(4)	-2943(2)	3682(12-II-3)
261	10	-18.66(4)	-0.35(2)	4.11(2)	-84487(4)	1337(2)	-15719(2)
261	11	-17.01(13-I-4)	-0.33(2)	3.95(2)	-74133(13-I-4)	4159(2)	-20493(2)
262	1	-2.48(11-I-4)	-2.24(4)	1.36(11-I-2)	-173913(4)	-49776(11-I-3)	59063(11-I-3)
262	2	-2.58(11-I-4)	-2.39(4)	1.28(11-I-2)	-179442(4)	-49300(11-I-3)	58603(11-I-3)
262	3	-2.65(11-I-4)	-2.47(4)	1.22(11-I-2)	-184169(4)	-49128(11-I-4)	58693(13-I-3)
262	4	-2.69(11-I-4)	-2.44(4)	1.18(11-I-2)	-188493(4)	-49136(11-I-4)	58906(13-I-3)
262	5	-2.19(11-I-4)	-1.64(4)	1.17(10-II-3)	-68297(11-I-2)	24239(4)	-18342(4)
262	6	-2.23(11-I-4)	-1.57(4)	1.18(10-II-3)	-69649(11-I-4)	25462(4)	-17522(4)
262	7	-2.28(11-I-4)	-1.51(4)	1.16(10-II-3)	-71049(11-I-4)	26326(4)	-16713(4)
262	8	-2.33(11-I-4)	-1.38(4)	1.14(10-II-3)	-72406(11-I-4)	26893(4)	-15855(4)
262	9	-1.96(11-I-1)	-0.83(10-II-2)	1.32(4)	60988(13-II-1)	64020(4)	-62650(4)
262	10	-2.01(11-I-1)	-0.77(11-I-2)	1.30(4)	62119(8)	66627(4)	-61984(4)
262	11	-2.06(11-I-1)	-0.76(11-I-2)	1.29(4)	63169(8)	68748(4)	-61343(4)
262	12	-2.11(11-I-1)	-0.72(11-I-2)	1.28(4)	64062(8)	70424(4)	-60657(4)
262	13	-1.79(11-I-1)	0.68(13-II-2)	1.57(4)	146155(4)	92039(4)	-88904(4)
262	14	-1.84(11-I-1)	0.70(13-II-2)	1.57(4)	149463(4)	95548(4)	-88319(4)
262	15	-1.89(11-I-1)	0.71(13-II-2)	1.57(4)	152747(4)	98647(4)	-87734(4)
262	16	-1.94(4)	0.73(13-II-2)	1.56(4)	156019(4)	101283(4)	-87126(4)
263	1	-2.42(4)	-3.28(11-I-1)	1.02(10-I-3)	-26205(4)	-218600(4)	25981(4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
263	2	-0.97(4)	-3.02(4)	0.85(10-I-3)	-14349(11-I-4)	-76254(11-I-4)	40740(4)
263	3	0.34(13-II-4)	-2.91(4)	0.69(10-I-1)	27503(4)	112603(4)	38412(4)
263	4	1.29(4)	-2.84(4)	0.54(10-I-1)	53027(4)	222797(4)	28138(4)
263	5	-2.34(4)	-3.25(11-I-1)	-1.03(12-II-3)	-25637(4)	-214554(4)	26075(4)
263	6	-0.93(4)	-2.97(4)	0.81(10-I-3)	-13552(11-I-4)	-75480(11-I-4)	41505(4)
263	7	0.35(13-II-4)	-2.87(4)	0.66(10-I-1)	28017(8)	111605(4)	39719(4)
263	8	1.29(4)	-2.83(4)	0.51(10-I-1)	51273(4)	220588(4)	29829(4)
263	9	-2.28(4)	-3.24(11-I-1)	-1.05(12-II-3)	-25219(4)	-210295(4)	26072(4)
263	10	-0.91(4)	-2.91(11-I-1)	-0.82(12-II-3)	-12967(11-I-4)	-74618(11-I-2)	42089(4)
263	11	0.36(13-II-4)	-2.82(4)	0.63(10-I-1)	29573(8)	110600(4)	40859(4)
263	12	1.30(4)	-2.80(4)	0.49(10-I-1)	49107(4)	218305(4)	31290(4)
263	13	-2.27(4)	-3.24(11-I-1)	-1.08(12-II-3)	-24929(4)	-205854(4)	25932(4)
263	14	-0.92(4)	-2.89(11-I-1)	-0.86(12-II-3)	-12541(11-I-4)	-73742(11-I-2)	42487(4)
263	15	0.38(13-II-4)	-2.76(4)	-0.64(12-II-1)	30204(8)	109538(4)	41792(4)
263	16	1.34(4)	-2.75(4)	0.47(10-I-1)	46638(8)	215977(4)	32547(4)
264	1	-1.67(11-I-1)	0.95(4)	1.71(4)	195978(4)	105439(4)	-98161(4)
264	2	-1.73(11-I-1)	1.00(4)	1.72(4)	200270(4)	109804(4)	-97955(4)
264	3	-1.84(4)	1.03(4)	1.72(4)	204525(4)	113652(4)	-97582(4)
264	4	-1.91(4)	0.98(4)	1.70(4)	208815(4)	116971(4)	-97120(4)
264	5	-1.66(11-I-1)	1.18(4)	1.77(4)	218654(4)	109523(4)	-99773(4)
264	6	-1.76(4)	1.21(4)	1.78(4)	223279(4)	114588(4)	-99826(4)
264	7	-1.86(4)	1.23(4)	1.78(4)	227790(4)	118924(4)	-99540(4)
264	8	-1.93(4)	1.25(4)	1.76(4)	232134(4)	122539(4)	-99154(4)
264	9	-1.70(4)	1.35(4)	1.82(4)	236450(4)	111539(4)	-99174(4)
264	10	-1.80(4)	1.37(4)	1.82(4)	240948(4)	116923(4)	-99067(4)
264	11	-1.87(4)	1.39(4)	1.81(4)	245305(4)	121633(4)	-98804(4)
264	12	-1.96(4)	1.46(4)	1.79(4)	249751(4)	125793(4)	-98248(4)
264	13	-1.77(4)	1.48(4)	1.83(4)	248394(4)	111338(4)	-96397(4)
264	14	-1.85(4)	1.51(4)	1.83(4)	252575(4)	116524(4)	-96623(4)
264	15	-1.91(4)	1.54(4)	1.83(4)	256486(4)	120764(4)	-97092(4)
264	16	-1.93(4)	1.54(4)	1.86(4)	260045(4)	124007(4)	-98014(4)
265	1	-2.06(4)	1.14(4)	1.66(4)	215728(4)	117050(4)	-95209(4)
265	2	-2.11(4)	1.12(4)	1.63(4)	219861(4)	119247(4)	-94422(4)
265	3	-2.16(4)	1.16(4)	1.61(4)	223848(4)	120627(4)	-93531(4)
265	4	-2.20(4)	1.21(4)	1.58(4)	227724(4)	121503(4)	-92634(4)
265	5	-2.04(4)	1.31(4)	1.70(4)	239126(4)	123174(4)	-96969(4)
265	6	-2.11(4)	1.35(4)	1.68(4)	243354(4)	125153(4)	-96249(4)
265	7	-2.14(4)	1.38(4)	1.65(4)	247450(4)	127155(4)	-95627(4)
265	8	-2.15(4)	1.41(4)	1.61(4)	251289(4)	128386(4)	-94764(4)
265	9	-2.04(4)	1.41(4)	1.71(4)	256729(4)	125134(4)	-96410(4)
265	10	-2.12(4)	1.53(4)	1.72(4)	260906(4)	129738(4)	-96322(4)
265	11	-2.11(4)	1.53(4)	1.67(4)	264485(4)	131995(4)	-95309(4)
265	12	-2.10(4)	1.54(4)	1.61(4)	268031(4)	133078(4)	-94254(4)
265	13	-2.09(4)	1.51(4)	1.81(1)	267295(4)	133662(4)	-95355(4)
265	14	-2.05(4)	1.48(4)	1.66(4)	270734(4)	133872(4)	-93295(4)
265	15	-2.06(4)	1.56(4)	1.59(4)	274304(4)	134498(4)	-92255(4)
265	16	-2.06(4)	1.64(4)	1.53(4)	277404(4)	135128(4)	-91559(4)
266	1	-1.91(4)	1.64(4)	1.72(4)	256915(4)	106546(4)	-89292(4)
266	2	-1.98(4)	1.70(4)	1.70(4)	260911(4)	111377(4)	-89094(4)
266	3	-2.04(4)	1.78(4)	1.65(4)	264829(4)	114796(4)	-88408(4)
266	4	-2.02(4)	1.73(4)	1.53(6)	268074(4)	116531(4)	-86666(4)
266	5	-1.94(4)	1.60(4)	1.62(4)	256329(4)	103296(4)	-82363(4)
266	6	-1.99(4)	1.61(4)	1.58(4)	259828(4)	109011(4)	-82141(4)
266	7	-2.02(4)	1.61(4)	1.55(4)	262828(4)	114693(4)	-81968(4)
266	8	-2.09(4)	1.75(4)	1.55(4)	265836(4)	121092(4)	-82523(4)
266	9	-1.99(4)	1.51(4)	1.53(4)	249824(4)	98195(4)	-74571(4)
266	10	-2.03(4)	1.55(4)	1.51(4)	252716(4)	105161(4)	-75261(4)
266	11	-2.07(4)	1.59(4)	1.48(4)	254918(4)	110791(4)	-75489(4)
266	12	-2.12(4)	1.65(4)	1.45(4)	256861(4)	114680(4)	-75510(4)
266	13	-2.05(4)	1.42(4)	1.43(4)	237777(4)	93099(4)	-68041(4)
266	14	-2.08(4)	1.45(4)	1.40(4)	237727(4)	99261(4)	-67313(4)
266	15	-2.12(4)	1.52(4)	1.37(4)	238689(4)	103903(4)	-66915(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
266	16	-2.13(4)	1.54(4)	1.33(4)	239699(4)	107873(4)	-67042(4)
267	1	2.19(4)	-2.49(4)	0.54(4)	92882(4)	320482(4)	-9297(12-II-3)
267	2	2.15(4)	-2.41(4)	0.61(4)	92872(4)	311656(4)	-10969(12-II-3)
267	3	2.03(4)	-2.32(4)	0.65(4)	90863(4)	295462(4)	-12042(12-II-3)
267	4	1.86(4)	-2.25(4)	0.68(10-II-3)	86709(4)	271530(4)	-12377(12-II-3)
267	5	2.17(4)	-2.55(4)	0.50(4)	91473(4)	318509(4)	-8624(12-II-3)
267	6	2.16(4)	-2.48(4)	0.57(4)	91295(4)	310244(4)	-10452(12-II-3)
267	7	2.04(4)	-2.40(4)	0.62(4)	89575(4)	294522(4)	-11701(12-II-3)
267	8	1.87(4)	-2.33(4)	0.67(10-II-3)	85638(4)	271076(4)	-12185(12-II-3)
267	9	2.15(4)	-2.58(4)	0.47(4)	89945(4)	315905(4)	-8024(12-II-3)
267	10	2.16(4)	-2.54(4)	0.53(10-II-3)	89051(4)	308396(4)	-9987(12-II-3)
267	11	2.05(4)	-2.47(4)	0.60(10-II-3)	87814(4)	293157(4)	-11400(12-II-3)
267	12	1.88(4)	-2.40(4)	0.66(10-II-3)	84239(4)	270243(4)	-12041(12-II-3)
267	13	2.14(4)	-2.59(4)	0.49(4)	88559(4)	312617(4)	8101(8)
267	14	2.14(4)	-2.57(4)	0.52(10-II-3)	85848(4)	306043(4)	-9575(12-II-3)
267	15	2.05(4)	-2.51(4)	0.59(10-II-3)	85554(4)	291417(4)	-11123(12-II-3)
267	16	1.89(4)	-2.45(4)	0.65(10-II-3)	82423(4)	269053(4)	-11912(12-II-3)
268	1	-1.14(4)	-2.86(4)	0.91(10-II-1)	-23540(2)	-226274(4)	-8783(10-II-1)
268	2	0.51(10-I-2)	-2.43(4)	0.98(10-II-3)	13610(4)	-56657(13-II-1)	11409(8)
268	3	0.92(2)	-2.31(4)	0.88(10-II-3)	45418(4)	95844(4)	-12096(12-II-3)
268	4	1.53(2)	-2.36(4)	0.76(10-II-3)	70391(4)	209829(4)	-12557(12-II-3)
268	5	-1.21(4)	-2.83(4)	0.87(10-II-1)	-23959(2)	-226452(4)	8451(8)
268	6	0.53(10-I-2)	-2.44(4)	0.95(10-II-3)	14650(4)	-56079(13-II-1)	12988(8)
268	7	0.91(2)	-2.27(4)	0.88(10-II-3)	46736(4)	97162(4)	12095(8)
268	8	1.52(2)	-2.31(4)	0.77(10-II-3)	71737(4)	210348(4)	-12440(12-II-3)
268	9	-1.26(4)	-2.79(4)	0.83(10-II-1)	-24590(2)	-226044(4)	9111(8)
268	10	0.55(10-I-2)	-2.44(4)	0.90(10-II-2)	15189(4)	-55679(13-II-1)	14098(8)
268	11	0.91(2)	-2.23(4)	0.87(10-II-3)	47680(4)	98166(4)	12673(8)
268	12	1.52(2)	-2.24(4)	0.77(10-II-3)	72861(4)	210671(4)	-12356(12-II-3)
268	13	-1.28(4)	-2.74(4)	0.80(10-II-1)	-25374(2)	-225245(4)	9590(8)
268	14	0.56(10-I-2)	-2.42(4)	0.87(10-II-2)	15334(4)	-55424(13-II-1)	14755(8)
268	15	0.91(2)	-2.18(4)	0.85(10-II-3)	48220(4)	98869(4)	12865(8)
268	16	1.52(1)	-2.17(4)	0.77(10-II-3)	73733(4)	210762(4)	-12333(12-II-3)
269	1	-1.03(4)	-2.38(4)	1.15(10-II-1)	-24391(2)	-208317(4)	-11551(10-II-1)
269	2	0.60(10-I-2)	-2.42(4)	0.97(10-II-3)	-8309(11-II-2)	-67740(13-II-1)	-24364(5)
269	3	0.96(2)	-2.43(4)	0.86(10-II-3)	39053(4)	91218(13-I-4)	-15736(5)
269	4	1.57(2)	-2.48(4)	0.71(10-II-3)	60078(4)	208795(4)	-11730(5)
269	5	-0.87(4)	-2.58(4)	1.07(10-II-1)	-23735(2)	-218513(4)	-10445(10-II-1)
269	6	0.58(10-I-2)	-2.37(4)	1.01(10-II-3)	8653(8)	-61758(13-II-1)	-18416(5)
269	7	0.96(2)	-2.41(4)	0.90(10-II-3)	40211(4)	91863(13-I-4)	-15319(5)
269	8	1.53(2)	-2.47(4)	0.75(10-II-3)	64208(4)	208045(4)	-12385(5)
269	9	-0.93(4)	-2.76(4)	1.01(10-II-1)	-23448(2)	-222949(4)	-9709(10-II-1)
269	10	0.50(10-I-2)	-2.38(4)	1.02(10-II-3)	10675(8)	-58979(13-II-1)	-14620(5)
269	11	0.94(2)	-2.38(4)	0.89(10-II-3)	41931(4)	92607(13-I-4)	-13782(5)
269	12	1.54(2)	-2.44(4)	0.76(10-II-3)	66793(4)	208484(4)	-12633(12-II-3)
269	13	-1.05(4)	-2.84(4)	0.96(10-II-1)	-23353(2)	-225241(4)	-9223(10-II-1)
269	14	0.49(10-I-2)	-2.41(4)	1.01(10-II-3)	11990(4)	-57512(13-II-1)	-11814(5)
269	15	0.93(2)	-2.35(4)	0.89(10-II-3)	43785(4)	94197(4)	-12607(12-II-3)
269	16	1.54(2)	-2.41(4)	0.76(10-II-3)	68766(4)	209170(4)	-12658(12-II-3)
270	1	-0.10(13-I-2)	-23.48(4)	0.67(11-II-2)	-1045(11-II-2)	-103023(4)	-4423(11-II-2)
270	2	-0.03(12-I-3)	-23.18(4)	1.30(11-II-2)	-593(11-II-2)	-100926(4)	-11266(11-II-2)
270	3	-0.02(12-I-2)	-22.37(4)	1.59(11-II-2)	-99(10-I-3)	-97379(4)	-14227(11-II-2)
270	4	-0.03(13-I-4)	-21.05(4)	1.79(11-II-2)	-184(10-I-3)	-91609(4)	-16227(11-II-2)
270	5	-0.03(13-I-3)	-19.27(4)	2.03(10-I-3)	1052(8)	-82560(4)	-16442(11-II-2)
270	6	-0.25(10-I-3)	-17.72(13-I-3)	1.37(10-I-3)	2138(10-I-3)	-73627(13-I-3)	-7416(11-II-2)
270	7	-0.14(10-I-3)	-23.31(4)	0.66(11-II-2)	-719(11-II-2)	-105597(4)	2291(10-I-3)
270	8	-0.12(10-I-2)	-23.08(4)	0.93(10-I-3)	301(2)	-102944(4)	1966(10-I-3)
270	9	-0.11(10-I-2)	-22.27(4)	1.19(10-I-3)	217(12-II-3)	-99353(4)	-1784(12-II-3)
270	10	-0.12(10-I-3)	-20.96(4)	1.44(10-I-3)	205(2)	-93474(4)	-2389(12-II-3)
270	11	-0.12(10-I-2)	-19.29(4)	1.60(10-I-3)	-605(10-I-3)	-83098(4)	-2801(12-II-3)
270	12	-0.08(13-I-3)	-18.16(4)	1.63(10-I-3)	1205(8)	-72298(13-I-3)	4626(10-I-3)
270	13	-0.21(10-I-3)	-23.34(4)	0.76(10-I-3)	-1294(10-I-3)	-105455(4)	5174(11-II-2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
270	14	-0.19(10-I-3)	-23.09(4)	0.86(10-I-3)	-986(10-I-2)	-103064(4)	7712(10-I-3)
270	15	-0.18(10-I-3)	-22.30(4)	0.97(10-I-3)	-1022(10-I-3)	-99503(4)	10006(10-I-3)
270	16	-0.18(10-I-3)	-20.99(4)	1.08(10-I-3)	-950(10-I-2)	-93617(4)	12109(10-I-3)
270	17	-0.19(10-I-2)	-19.32(4)	1.28(10-I-3)	-1454(10-I-3)	-83127(4)	13426(10-I-3)
270	18	-0.17(10-I-2)	-18.11(4)	1.79(10-I-3)	917(11-II-2)	-72545(13-I-3)	11808(10-I-3)
270	19	-0.23(12-I-1)	-23.55(4)	0.85(10-I-3)	-2654(10-I-3)	-103120(4)	8997(11-II-2)
270	20	-0.23(10-I-3)	-23.24(4)	0.78(10-I-3)	-3075(10-I-3)	-101379(4)	15754(11-II-2)
270	21	-0.22(10-I-3)	-22.44(4)	0.75(10-I-3)	-2771(10-I-2)	-97909(4)	19234(11-II-2)
270	22	-0.22(10-I-3)	-21.14(4)	-0.82(12-II-3)	-2747(10-I-2)	-92174(4)	22231(10-I-3)
270	23	-0.23(10-I-3)	-19.35(4)	-1.00(12-II-3)	-2110(13-I-3)	-82942(4)	24969(10-I-3)
270	24	-0.52(10-I-3)	-17.74(13-I-3)	1.82(10-I-3)	-1390(13-I-2)	-74086(13-I-3)	18890(10-I-3)
271	1	-0.21(12-I-1)	-16.32(4)	-0.89(12-I-1)	1678(12-I-1)	-64349(13-II-2)	6726(13-I-3)
271	2	-0.03(4)	-18.33(4)	-1.35(12-I-1)	929(13-I-3)	-78648(4)	14093(13-I-3)
271	3	-0.03(4)	-20.24(4)	-1.31(13-I-2)	-122(10-I-1)	-87962(4)	14359(13-I-3)
271	4	-0.03(10-I-3)	-21.75(4)	-1.20(13-I-2)	110(12-II-1)	-94554(4)	13048(13-I-2)
271	5	-0.03(12-I-2)	-22.82(4)	-1.00(13-I-2)	447(11-II-2)	-99034(4)	10745(13-I-2)
271	6	-0.10(11-II-2)	-23.47(4)	-0.48(13-I-2)	-915(13-I-2)	-100905(4)	4622(13-I-2)
271	7	-0.09(11-II-2)	-16.91(4)	-0.85(12-I-1)	999(13-I-3)	-62144(13-II-2)	2708(10-II-1)
271	8	-0.12(10-I-2)	-18.35(4)	-0.80(12-I-1)	-496(12-I-1)	-79343(4)	3577(11-I-4)
271	9	-0.11(10-I-2)	-20.17(4)	-0.63(12-I-1)	201(12-II-3)	-89692(4)	4022(11-I-4)
271	10	-0.11(10-I-3)	-21.67(4)	-0.50(13-I-2)	202(12-II-1)	-96365(4)	3735(11-I-4)
271	11	-0.12(10-I-3)	-22.73(4)	0.46(11-II-2)	404(13-I-2)	-100722(4)	3062(11-I-4)
271	12	-0.12(12-I-1)	-23.43(4)	0.53(11-II-2)	-578(13-I-2)	-101978(4)	2216(10-I-3)
271	13	-0.17(10-I-3)	-16.90(4)	-0.77(12-I-1)	817(13-I-2)	-62343(13-II-2)	-6196(12-I-1)
271	14	-0.19(10-I-3)	-18.38(4)	0.70(10-II-1)	-1374(10-I-2)	-79427(4)	-6968(12-I-1)
271	15	-0.18(10-I-3)	-20.20(4)	0.63(10-II-1)	-963(10-I-3)	-89848(4)	-5644(12-I-1)
271	16	-0.18(10-I-3)	-21.69(4)	0.53(10-II-1)	-1028(10-I-3)	-96504(4)	-4752(13-I-2)
271	17	-0.18(10-I-3)	-22.75(4)	0.48(11-I-4)	-1041(10-I-3)	-100795(4)	-3890(13-I-2)
271	18	-0.20(10-I-3)	-23.42(4)	0.67(10-I-3)	-1047(12-I-1)	-102311(4)	3687(11-II-2)
271	19	-0.46(12-I-1)	-16.35(4)	1.00(10-II-1)	-1319(11-II-2)	-64809(13-II-2)	-11492(12-I-1)
271	20	-0.24(10-I-3)	-18.43(4)	1.19(11-I-4)	-2052(11-II-2)	-79158(4)	-16010(12-I-1)
271	21	-0.23(10-I-3)	-20.34(4)	1.21(11-I-4)	-2634(10-I-2)	-88567(4)	-15244(13-I-2)
271	22	-0.23(10-I-3)	-21.82(4)	1.13(11-I-4)	-2759(10-I-2)	-95065(4)	-13961(13-I-2)
271	23	-0.24(10-I-3)	-22.86(4)	0.99(11-I-4)	-2876(10-I-2)	-99399(4)	-11568(13-I-2)
271	24	-0.27(10-I-3)	-23.50(4)	0.86(10-I-3)	-2329(12-I-1)	-101485(4)	5879(11-II-2)
272	1	0.27(4)	-16.23(13-I-3)	1.84(10-I-3)	-3017(10-I-3)	-76005(13-I-3)	-11774(4)
272	2	-0.02(12-I-3)	-14.71(13-I-3)	3.41(10-I-3)	-2177(10-I-3)	-66346(13-I-3)	-29269(10-I-3)
272	3	0.02(11-II-2)	-12.28(13-I-3)	4.08(10-I-3)	-846(8)	-55629(13-I-3)	-36934(10-I-3)
272	4	0.08(8)	-9.10(13-I-2)	4.55(10-I-3)	-1328(4)	-41602(13-I-2)	-42808(10-I-3)
272	5	0.16(8)	11.38(11-II-2)	4.59(10-I-3)	3579(10-I-3)	50197(11-II-2)	-45343(10-I-3)
272	6	-0.72(10-I-3)	15.98(11-II-2)	2.19(10-I-3)	7307(10-I-3)	85473(11-II-2)	-24054(10-I-3)
272	7	-0.18(10-I-3)	-15.73(13-I-3)	1.87(10-I-3)	-1826(10-I-3)	-83245(4)	3879(10-I-3)
272	8	-0.10(13-I-4)	-14.48(13-I-3)	2.33(10-I-3)	750(4)	-69666(13-I-3)	-5139(2)
272	9	-0.09(13-I-4)	-12.08(13-I-3)	2.61(10-I-3)	111(13-I-4)	-58624(13-I-3)	-7458(2)
272	10	-0.08(13-I-4)	-8.89(13-I-2)	2.68(10-I-3)	548(10-I-3)	-44201(13-I-2)	-9228(4)
272	11	0.10(11-II-4)	11.44(11-II-2)	2.29(10-I-3)	-1308(12-II-3)	52308(11-II-2)	-9060(4)
272	12	0.38(2)	14.49(11-II-2)	1.15(10-I-3)	4479(10-I-3)	106860(10-I-3)	-4500(4)
272	13	-0.16(12-I-2)	-15.75(13-I-3)	1.81(10-I-3)	-2288(10-I-3)	-82708(4)	14268(10-I-3)
272	14	-0.11(13-I-4)	-14.48(13-I-3)	1.36(10-I-3)	588(11-II-2)	-69739(13-I-3)	19828(10-I-3)
272	15	-0.10(13-I-3)	-12.09(13-I-3)	1.12(10-I-3)	-616(13-I-3)	-58750(13-I-3)	22616(10-I-3)
272	16	0.10(11-II-2)	-8.90(13-I-2)	-0.99(12-II-3)	804(11-II-2)	-44317(13-I-2)	23573(10-I-3)
272	17	0.23(10-I-3)	11.47(11-II-2)	-0.79(12-II-3)	-1091(13-I-4)	52475(11-II-2)	21947(10-I-3)
272	18	0.46(4)	14.50(11-II-2)	-0.41(12-II-3)	4632(4)	104327(10-I-3)	10428(10-I-3)
272	19	0.32(11-II-2)	-16.23(13-I-3)	1.64(10-I-3)	-4316(10-I-3)	-75897(13-I-3)	24825(10-I-3)
272	20	0.09(11-II-2)	-14.71(13-I-3)	-1.53(12-II-3)	-3531(10-I-2)	-66583(13-I-3)	41705(10-I-3)
272	21	0.14(11-II-2)	-12.36(13-I-3)	-2.06(2)	-2623(13-I-4)	-56145(13-I-3)	49780(10-I-3)
272	22	0.28(10-I-3)	-9.10(13-I-2)	-2.52(2)	-2137(13-I-4)	-41821(13-I-2)	55050(10-I-3)
272	23	0.54(10-I-3)	11.57(11-II-2)	-2.77(4)	4082(2)	51060(11-II-2)	55235(10-I-3)
272	24	-0.20(13-I-4)	15.76(11-II-2)	-1.36(4)	7853(2)	83990(11-II-2)	27644(10-I-3)
273	1	-0.45(12-I-1)	14.18(13-I-3)	-1.62(12-I-1)	4974(12-I-1)	71002(10-I-1)	18643(12-I-1)
273	2	0.16(10-I-2)	11.59(11-I-2)	-3.48(12-I-1)	2006(12-I-1)	51370(11-I-2)	35471(12-I-1)
273	3	0.07(10-I-1)	8.74(11-I-2)	-3.45(12-I-1)	-1170(8)	37507(11-I-2)	34168(12-I-1)

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Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
273	4	0.02(13-I-3)	-9.29(13-II-2)	-3.08(12-I-1)	-744(10-I-1)	-42728(13-II-2)	29805(12-I-1)
273	5	-0.01(12-I-3)	-11.97(13-II-2)	-2.53(12-I-1)	-1747(12-I-1)	-54761(13-II-2)	23738(12-I-1)
273	6	0.21(6)	-13.78(13-II-2)	-1.28(12-I-1)	-2381(12-I-1)	-66583(13-II-2)	9704(6)
273	7	0.36(1)	13.41(13-I-3)	-0.80(12-I-1)	3285(12-I-1)	87899(12-I-1)	3974(4)
273	8	0.13(11-I-4)	11.56(11-I-2)	-1.60(12-I-1)	-1366(2)	53707(11-I-2)	8646(4)
273	9	0.07(11-I-2)	8.76(11-I-2)	-1.84(12-I-1)	-313(10-II-1)	38037(11-I-2)	9085(4)
273	10	-0.08(13-II-2)	-9.10(13-II-2)	-1.73(12-I-1)	-148(11-I-4)	-45535(13-II-2)	7851(4)
273	11	-0.09(13-II-2)	-11.75(13-II-2)	-1.48(12-I-1)	585(4)	-58149(13-II-2)	5918(4)
273	12	-0.15(12-I-1)	-13.22(13-II-2)	-1.08(12-I-1)	-1483(12-I-1)	-74346(4)	3155(10-II-1)
273	13	0.42(7)	13.59(11-I-3)	0.42(10-II-1)	4055(4)	87112(10-I-1)	-7531(12-I-1)
273	14	0.17(12-I-1)	11.64(11-I-2)	0.77(10-II-1)	897(11-I-1)	53879(11-I-2)	-15192(12-I-1)
273	15	0.09(13-I-2)	8.80(11-I-2)	0.97(10-II-1)	728(13-I-3)	38283(11-I-2)	-16293(12-I-1)
273	16	-0.09(11-II-2)	-9.11(13-II-2)	1.00(10-II-1)	-536(13-II-2)	-45591(13-II-2)	-15282(12-I-1)
273	17	-0.11(13-II-2)	-11.75(13-II-2)	0.93(10-II-1)	576(13-I-2)	-58187(13-II-2)	-12853(12-I-1)
273	18	-0.16(13-II-2)	-13.23(13-II-2)	-0.83(12-I-1)	-1933(12-I-1)	-74278(4)	-8455(12-I-1)
273	19	0.20(11-I-2)	14.53(13-I-3)	1.26(4)	7430(4)	72652(13-I-3)	-21085(12-I-1)
273	20	0.37(12-I-1)	11.82(11-I-2)	2.60(4)	4845(11-I-3)	52671(11-I-2)	-41749(12-I-1)
273	21	0.17(12-I-1)	8.87(11-I-2)	2.57(4)	1919(11-I-1)	38358(11-I-2)	-41447(12-I-1)
273	22	0.09(13-I-2)	-9.34(13-II-2)	2.23(4)	-2164(13-II-1)	-43039(13-II-2)	-37158(12-I-1)
273	23	-0.07(11-II-2)	-11.97(13-II-2)	1.77(4)	-3135(13-II-1)	-54912(13-II-2)	-30508(12-I-1)
273	24	0.26(13-I-2)	-13.79(13-II-2)	1.16(10-II-1)	-3690(12-I-2)	-66474(13-II-2)	-16646(12-I-1)
274	1	-2.13(4)	1.26(4)	1.56(2)	237730(4)	127295(4)	-90558(4)
274	2	-2.08(4)	1.28(4)	1.54(2)	241582(4)	127785(4)	-89123(4)
274	3	-2.08(10-I-1)	1.32(4)	1.51(2)	245131(4)	126867(4)	-88492(5)
274	4	-2.09(10-I-1)	1.37(4)	1.46(2)	248343(4)	124554(4)	-87773(5)
274	5	-2.03(4)	1.47(4)	1.57(2)	260558(4)	135237(4)	-92756(4)
274	6	-1.97(4)	1.50(4)	1.54(2)	263858(4)	136127(4)	-91445(4)
274	7	-1.96(10-I-1)	1.55(4)	1.50(2)	266720(4)	135477(4)	-90001(4)
274	8	-1.96(10-I-1)	1.61(4)	1.45(2)	269048(4)	133292(4)	-89157(5)
274	9	-1.94(4)	1.64(4)	1.53(2)	275463(4)	140344(4)	-92827(4)
274	10	-1.87(4)	1.68(4)	1.50(2)	277896(4)	141502(4)	-91766(4)
274	11	-1.84(10-I-1)	1.73(4)	1.46(2)	279796(4)	141156(4)	-90586(4)
274	12	-1.83(10-I-1)	1.81(4)	1.41(2)	281380(4)	139374(4)	-89173(4)
274	13	-1.88(4)	1.79(4)	1.47(4)	282328(4)	142533(4)	-91546(4)
274	14	-1.80(4)	1.84(4)	1.44(2)	283795(4)	143553(4)	-91105(4)
274	15	-1.73(10-I-1)	1.89(4)	1.40(2)	284620(4)	142703(4)	-90964(4)
274	16	-1.71(10-I-1)	1.88(4)	1.35(2)	284698(4)	139854(4)	-91356(4)
275	1	-2.09(10-I-1)	1.41(4)	1.41(2)	251133(4)	120767(4)	-86948(5)
275	2	-2.08(10-I-1)	1.44(4)	1.35(2)	253506(4)	115737(4)	-85976(5)
275	3	-2.06(10-I-1)	1.50(4)	1.27(2)	255381(4)	109011(4)	-85159(2)
275	4	-2.03(10-I-1)	1.59(4)	1.19(2)	256671(4)	100833(4)	-84336(2)
275	5	-1.95(10-I-1)	1.61(4)	1.40(2)	270879(4)	129920(4)	-88204(5)
275	6	-1.92(10-I-1)	1.68(4)	1.33(2)	272173(4)	124290(4)	-87192(5)
275	7	-1.89(10-I-1)	1.72(4)	1.26(2)	272898(4)	117724(4)	-86249(5)
275	8	-1.85(10-I-1)	1.76(4)	1.18(2)	272902(4)	109338(4)	-85136(5)
275	9	-1.81(10-I-1)	1.71(4)	1.36(2)	282330(4)	134383(4)	-88319(4)
275	10	-1.77(10-I-1)	1.85(4)	1.30(2)	282681(4)	131105(4)	-87652(4)
275	11	-1.73(10-I-1)	1.85(4)	1.24(2)	282058(4)	124517(4)	-86233(4)
275	12	-1.67(10-I-1)	1.85(4)	1.17(2)	281034(4)	115574(4)	-84976(5)
275	13	-1.67(10-I-1)	1.82(4)	1.31(2)	285371(4)	145163(4)	-90174(4)
275	14	-1.63(10-I-1)	1.81(1)	1.26(2)	284458(4)	137313(4)	-87853(4)
275	15	-1.58(10-I-1)	1.86(1)	1.20(2)	283393(4)	128776(4)	-86604(4)
275	16	-1.51(10-I-1)	1.89(1)	1.15(2)	281644(4)	119065(4)	-85805(4)
276	1	-1.89(4)	1.94(4)	1.35(2)	284091(4)	139541(4)	-86745(4)
276	2	-1.80(4)	2.02(4)	1.32(2)	284886(4)	140263(4)	-86242(4)
276	3	-1.69(4)	2.10(4)	1.28(2)	285241(4)	138624(4)	-85290(4)
276	4	-1.61(10-I-1)	2.04(4)	1.25(2)	284567(4)	134168(4)	-83253(4)
276	5	-1.83(4)	1.91(4)	1.26(2)	275962(4)	137336(4)	-82663(4)
276	6	-1.72(4)	1.92(4)	1.24(2)	275808(4)	138918(4)	-82364(4)
276	7	-1.56(4)	1.90(4)	1.21(2)	274917(4)	139275(4)	-82028(4)
276	8	-1.51(10-I-1)	2.01(4)	1.17(2)	273852(4)	139526(4)	-82551(4)
276	9	-1.79(4)	1.81(4)	1.17(2)	260534(4)	132908(4)	-77625(4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
276	10	-1.67(4)	1.83(4)	1.15(2)	259690(4)	134857(4)	-77955(4)
276	11	-1.54(4)	1.83(5)	1.12(2)	258423(4)	135215(4)	-78538(4)
276	12	-1.42(10-I-1)	1.87(5)	1.09(2)	256553(4)	133233(4)	-78970(4)
276	13	-1.77(4)	1.69(5)	1.13(10-I-2)	237856(4)	125268(4)	-70895(4)
276	14	-1.66(4)	1.71(5)	1.10(10-I-2)	236429(4)	126937(4)	-71678(4)
276	15	-1.54(4)	1.73(5)	1.07(10-I-2)	234427(4)	126929(4)	-72477(4)
276	16	-1.41(11-II-3)	1.72(5)	1.04(10-I-2)	231941(4)	125583(4)	-73331(4)
277	1	2.34(2)	-1.59(10-I-4)	0.56(4)	81583(4)	312668(4)	-19393(7)
277	2	2.29(2)	-1.51(10-I-4)	0.51(4)	78059(4)	300507(4)	-18576(7)
277	3	2.17(2)	-1.45(10-I-4)	0.47(10-II-3)	73004(4)	281508(4)	-17003(1)
277	4	2.01(2)	-1.42(11-II-3)	0.46(10-II-3)	66306(4)	255766(4)	-14944(12-II-3)
277	5	2.32(2)	-1.67(10-I-4)	0.61(4)	89476(4)	316643(4)	-18439(7)
277	6	2.27(2)	-1.59(10-I-4)	0.57(4)	85642(4)	304909(4)	-17866(7)
277	7	2.15(2)	-1.52(10-I-4)	0.53(5)	80571(4)	286067(4)	-16491(7)
277	8	1.98(2)	-1.48(11-II-3)	0.52(10-II-3)	73629(4)	260188(4)	-14653(12-II-3)
277	9	2.30(2)	-1.75(10-I-4)	0.65(4)	96265(4)	319663(4)	-17502(2)
277	10	2.25(2)	-1.67(10-I-4)	0.62(4)	91632(4)	308512(4)	-17061(7)
277	11	2.13(2)	-1.60(10-I-4)	0.58(5)	86775(4)	289812(4)	-15912(7)
277	12	1.97(2)	-1.54(10-I-4)	0.56(10-II-3)	79788(4)	263850(4)	-14379(12-II-3)
277	13	2.27(2)	-1.82(10-I-4)	0.72(4)	102198(4)	321675(4)	-16530(2)
277	14	2.22(2)	-1.74(10-I-4)	0.62(4)	95814(4)	311238(4)	-16165(7)
277	15	2.11(2)	-1.66(10-I-4)	0.60(5)	91648(4)	292783(4)	-15242(7)
277	16	1.95(2)	-1.60(10-I-4)	0.60(10-II-3)	84693(4)	266814(4)	-14115(12-II-3)
278	1	-1.85(10-I-4)	1.67(4)	0.77(2)	259833(4)	70007(4)	-78541(2)
278	2	-1.75(10-I-4)	1.66(4)	0.55(2)	259564(4)	62155(4)	-77477(2)
278	3	-1.64(10-I-4)	1.65(4)	0.34(2)	259100(4)	55464(5)	-76440(2)
278	4	-1.49(10-I-4)	1.61(4)	0.18(11-II-4)	258469(4)	51492(5)	-75443(2)
278	5	-1.62(10-I-4)	1.82(4)	0.81(2)	272396(4)	76310(4)	-79063(1)
278	6	-1.51(10-I-4)	1.80(4)	0.62(2)	271109(4)	67817(4)	-77931(2)
278	7	-1.37(10-I-4)	1.78(4)	0.44(2)	269686(4)	60881(5)	-76857(2)
278	8	1.66(12-II-4)	1.73(4)	0.27(11-II-4)	268165(4)	56463(5)	-75806(2)
278	9	-1.41(10-I-4)	1.90(4)	0.86(2)	277491(4)	80834(4)	-79441(4)
278	10	-1.29(10-I-4)	1.87(4)	0.71(2)	275284(4)	71911(4)	-78653(4)
278	11	1.51(12-II-4)	1.83(4)	0.56(2)	272971(4)	64665(5)	-77890(4)
278	12	1.82(12-II-4)	1.83(1)	0.43(2)	270580(4)	60232(5)	-77114(4)
278	13	-1.23(10-I-4)	1.97(1)	0.92(2)	275392(4)	83567(4)	-81374(4)
278	14	1.32(12-II-4)	1.96(1)	0.81(2)	272366(4)	74485(4)	-80631(4)
278	15	1.61(12-II-4)	1.93(1)	0.72(2)	269255(4)	65955(5)	-79834(4)
278	16	1.92(12-II-4)	1.78(5)	0.73(1)	266078(4)	60541(5)	-78955(4)
279	1	1.77(12-II-4)	1.58(4)	-0.24(13-I-4)	255759(4)	49798(2)	-77126(2)
279	2	2.16(12-II-4)	1.52(4)	-0.43(5)	254941(4)	45038(2)	-76193(2)
279	3	2.59(12-II-4)	1.43(4)	-0.62(5)	254133(4)	38620(2)	-75062(2)
279	4	3.24(7)	1.22(4)	-0.83(5)	253342(4)	30776(2)	-73494(2)
279	5	2.01(12-II-4)	1.67(4)	0.22(11-II-4)	264505(4)	53549(2)	-77231(2)
279	6	2.41(12-II-4)	1.58(4)	-0.28(13-I-4)	262844(4)	47867(2)	-75936(2)
279	7	2.97(7)	1.44(4)	-0.41(13-I-4)	261165(4)	41496(2)	-74975(4)
279	8	3.69(7)	1.27(4)	-0.53(13-I-4)	259421(4)	33662(2)	-73562(4)
279	9	2.18(12-II-4)	1.69(4)	0.34(11-II-4)	265981(4)	55804(5)	-79233(4)
279	10	2.65(7)	1.59(5)	0.31(11-II-4)	263426(4)	51444(2)	-78300(4)
279	11	3.29(7)	1.42(4)	0.29(11-II-4)	260769(4)	45298(1)	-77126(4)
279	12	3.99(7)	1.24(4)	-0.32(11-I-4)	257901(4)	37245(1)	-75584(4)
279	13	2.28(7)	1.65(4)	0.69(1)	260673(4)	69700(1)	-80836(4)
279	14	2.84(7)	1.53(4)	0.45(11-II-4)	257359(4)	59297(1)	-79770(4)
279	15	3.45(7)	1.38(4)	0.47(13-II-4)	253935(4)	49786(1)	-78530(4)
279	16	4.12(7)	1.20(4)	0.51(13-II-4)	250359(4)	40263(1)	-77071(4)
280	1	1.12(12-II-4)	2.04(1)	0.98(2)	264200(4)	86719(4)	-84590(4)
280	2	1.38(12-II-4)	2.08(1)	0.87(2)	260533(4)	77752(4)	-83950(4)
280	3	1.66(12-II-4)	2.11(1)	0.77(2)	256820(4)	69257(4)	-83187(4)
280	4	1.96(12-II-4)	1.88(1)	0.68(7)	253073(4)	62607(7)	-82295(4)
280	5	1.13(12-II-4)	1.89(1)	0.99(2)	248887(4)	85877(4)	-83880(4)
280	6	1.38(12-II-4)	1.79(1)	0.91(2)	244782(4)	77252(4)	-83217(4)
280	7	1.64(12-II-4)	1.66(5)	0.85(2)	240693(4)	69120(5)	-82394(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
280	8	1.93(12-II-4)	1.74(1)	0.87(2)	236632(4)	66025(5)	-81424(4)
280	9	1.11(13-I-2)	1.68(5)	1.04(2)	227847(4)	83450(4)	-81545(4)
280	10	1.36(13-I-2)	1.59(5)	1.01(2)	223585(4)	75268(4)	-80825(4)
280	11	1.64(13-I-2)	1.50(5)	1.00(2)	219394(4)	67756(5)	-79943(4)
280	12	1.94(13-I-2)	1.44(1)	1.02(2)	215257(4)	63004(5)	-78903(4)
280	13	1.17(13-I-2)	1.47(5)	1.10(2)	202077(4)	79175(4)	-77165(4)
280	14	1.41(13-I-2)	1.37(5)	1.10(2)	197969(4)	71566(4)	-76469(4)
280	15	1.67(13-I-2)	1.30(1)	1.12(2)	194170(5)	64263(4)	-75590(4)
280	16	1.94(13-I-2)	1.19(5)	1.17(2)	191388(5)	59539(5)	-74543(4)
281	1	2.30(4)	2.93(7)	-1.63(7)	25989(2)	259287(4)	-35820(2)
281	2	2.40(4)	2.52(13-I-3)	-1.85(7)	26042(2)	244538(4)	-32387(2)
281	3	2.50(4)	2.27(13-I-3)	-2.00(7)	25178(2)	224857(4)	-28255(2)
281	4	2.56(4)	2.00(13-I-2)	-2.02(7)	23357(2)	200636(4)	-24048(2)
281	5	2.24(4)	2.51(7)	-1.29(7)	32479(1)	264966(4)	-32773(1)
281	6	2.31(4)	2.25(13-I-3)	-1.49(7)	31310(2)	250348(4)	-29380(2)
281	7	2.35(4)	2.07(13-I-3)	-1.65(7)	30685(2)	230646(4)	-25564(2)
281	8	2.38(4)	1.84(13-I-3)	-1.69(7)	29181(2)	206335(4)	-21474(2)
281	9	2.20(7)	2.11(12-II-4)	-1.00(7)	38937(1)	270478(4)	-30555(1)
281	10	2.26(7)	1.98(13-I-3)	-1.18(7)	35553(2)	256031(4)	-27037(1)
281	11	2.27(7)	1.86(13-I-3)	-1.33(7)	35097(2)	236378(4)	-23172(1)
281	12	2.25(7)	1.67(13-I-3)	-1.40(7)	33732(2)	211994(4)	-19230(2)
281	13	2.20(7)	1.83(12-II-4)	-0.75(7)	45753(1)	275884(4)	-29299(1)
281	14	2.24(7)	1.72(13-I-3)	-0.91(7)	38486(2)	261646(4)	-24822(1)
281	15	2.22(7)	1.64(13-I-3)	-1.06(7)	38512(2)	242052(4)	-21559(1)
281	16	2.16(7)	1.51(13-I-3)	-1.14(7)	37124(2)	217592(4)	-18145(12-II-4)
282	1	-3.24(4)	-2.54(4)	0.97(11-I-2)	-212391(4)	-50896(11-I-4)	64202(4)
282	2	-3.33(4)	-2.46(4)	0.94(10-II-3)	-214725(4)	-51950(8)	65796(4)
282	3	-3.41(4)	-2.41(4)	0.92(10-II-3)	-216994(4)	-53503(8)	67357(4)
282	4	-3.49(4)	-2.36(4)	0.89(10-II-3)	-219149(4)	-54909(8)	68816(4)
282	5	-2.91(4)	-1.26(4)	0.99(11-I-2)	-81302(11-I-4)	25737(4)	13727(13-I-2)
282	6	-2.97(4)	-1.24(10-II-2)	0.97(11-I-2)	-82484(11-I-4)	25545(4)	13186(13-I-2)
282	7	-3.02(4)	-1.24(11-I-2)	0.95(11-I-2)	-83624(11-I-4)	24631(4)	-13211(2)
282	8	-3.06(4)	-1.25(11-I-2)	0.93(10-II-4)	-84711(11-I-4)	22987(4)	-14374(2)
282	9	-2.58(4)	-0.75(11-I-2)	1.13(2)	74368(4)	73454(4)	-55523(5)
282	10	-2.61(4)	-0.74(11-I-2)	1.14(2)	76913(4)	73088(4)	-56143(2)
282	11	-2.62(4)	-0.73(11-I-2)	1.15(2)	79516(4)	71783(4)	-57170(2)
282	12	-2.63(10-I-1)	-0.72(11-I-2)	1.14(2)	82224(4)	69500(4)	-58278(2)
282	13	-2.31(4)	0.78(4)	1.45(2)	180652(4)	107860(4)	-80445(5)
282	14	-2.29(4)	0.80(4)	1.45(2)	184229(4)	107739(4)	-80409(5)
282	15	-2.29(10-I-1)	0.84(4)	1.43(2)	187822(4)	106449(4)	-80256(5)
282	16	-2.32(10-I-1)	0.88(4)	1.40(2)	191412(4)	103945(4)	-79998(5)
283	1	-3.56(4)	-2.30(4)	0.86(10-II-3)	-221187(4)	-56214(8)	70091(4)
283	2	-3.62(4)	-2.25(4)	0.83(10-II-3)	-223128(4)	-57460(8)	71099(4)
283	3	-3.66(4)	-2.21(4)	0.79(10-II-3)	-225004(4)	-58679(8)	71745(4)
283	4	-3.71(4)	-2.23(4)	0.75(10-II-3)	-226833(4)	-59878(8)	71883(4)
283	5	-3.09(4)	-1.25(11-I-2)	0.91(10-II-4)	-85725(11-I-4)	20585(4)	-15759(2)
283	6	-3.11(4)	-1.26(11-I-2)	0.88(10-II-4)	-86635(11-I-4)	-17757(11-I-2)	-17375(2)
283	7	-3.15(10-I-3)	-1.27(11-I-2)	0.85(10-II-4)	-87400(11-I-4)	-18432(11-I-2)	-19229(2)
283	8	-3.22(10-I-3)	-1.31(11-I-2)	0.81(10-II-4)	-87972(11-I-4)	-19178(11-I-2)	-21325(2)
283	9	-2.68(10-I-1)	-0.70(11-I-2)	1.13(2)	85082(4)	66202(4)	-59451(2)
283	10	-2.72(10-I-1)	-0.68(11-I-2)	1.10(2)	88135(4)	61867(4)	-60663(2)
283	11	-2.76(10-I-1)	-0.65(11-I-2)	1.07(2)	91423(4)	56470(4)	-61890(2)
283	12	-2.80(10-I-1)	-0.63(11-I-2)	1.01(2)	94978(4)	50036(4)	-63115(2)
283	13	-2.34(10-I-1)	0.92(4)	1.36(2)	194977(4)	100212(4)	-80132(2)
283	14	-2.35(10-I-1)	0.95(4)	1.31(2)	198485(4)	95211(4)	-80178(2)
283	15	-2.36(10-I-1)	1.01(4)	1.24(2)	201911(4)	88983(4)	-80071(2)
283	16	-2.35(10-I-1)	1.08(4)	1.16(2)	205229(4)	81475(4)	-79797(2)
284	1	-3.02(4)	-2.48(4)	1.06(11-I-2)	-205729(4)	-50132(11-I-4)	61837(8)
284	2	-3.07(4)	-2.52(4)	1.04(11-I-2)	-207448(4)	-50346(11-I-4)	62390(8)
284	3	-3.12(4)	-2.50(4)	1.02(11-I-2)	-209052(4)	-50594(11-I-4)	62893(8)
284	4	-3.16(4)	-2.42(4)	1.00(11-I-2)	-210571(4)	-50875(11-I-4)	63372(8)
284	5	-2.72(4)	-1.25(4)	1.04(11-I-2)	-78382(11-I-4)	25811(4)	14127(11-I-2)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
284	6	-2.77(4)	-1.27(4)	1.03(11-I-2)	-79045(11-I-4)	25572(4)	14079(11-I-2)
284	7	-2.81(4)	-1.25(10-II-3)	1.02(11-I-2)	-79705(11-I-4)	25526(4)	13962(11-I-2)
284	8	-2.85(4)	-1.22(10-II-3)	1.01(11-I-2)	-80359(11-I-4)	25690(4)	13925(13-I-2)
284	9	-2.46(4)	-0.72(11-I-2)	1.15(4)	68621(4)	73003(4)	-56503(4)
284	10	-2.50(4)	-0.75(11-I-2)	1.14(4)	69832(4)	72965(4)	-55806(4)
284	11	-2.53(4)	-0.76(11-I-2)	1.13(4)	71097(4)	73038(4)	-55371(5)
284	12	-2.55(4)	-0.73(11-I-2)	1.13(5)	72419(4)	73213(4)	-55352(5)
284	13	-2.27(4)	0.73(13-II-2)	1.45(4)	172174(4)	106582(4)	-82999(4)
284	14	-2.29(4)	0.74(13-II-2)	1.45(4)	174078(4)	106724(4)	-82360(4)
284	15	-2.30(4)	0.74(13-II-2)	1.45(2)	175991(4)	106998(4)	-81718(4)
284	16	-2.30(4)	0.76(4)	1.45(2)	177911(4)	107412(4)	-81052(4)
285	1	-2.16(4)	1.16(4)	1.60(4)	228131(4)	124479(4)	-93435(4)
285	2	-2.16(4)	1.19(4)	1.59(4)	230241(4)	124824(4)	-92871(4)
285	3	-2.15(4)	1.21(4)	1.58(2)	232391(4)	125389(4)	-92289(4)
285	4	-2.14(4)	1.19(4)	1.58(2)	234604(4)	126193(4)	-91668(4)
285	5	-2.10(4)	1.38(4)	1.63(4)	251605(4)	131516(4)	-95739(4)
285	6	-2.09(4)	1.40(4)	1.62(4)	253661(4)	131965(4)	-95138(4)
285	7	-2.08(4)	1.43(4)	1.60(4)	255724(4)	132688(4)	-94512(4)
285	8	-2.06(4)	1.41(4)	1.59(2)	257775(4)	133712(4)	-93844(4)
285	9	-2.04(4)	1.53(4)	1.62(4)	268087(4)	136171(4)	-95385(4)
285	10	-2.03(4)	1.55(4)	1.60(4)	269864(4)	136665(4)	-94840(4)
285	11	-2.01(4)	1.58(4)	1.58(4)	271594(4)	137482(4)	-94295(4)
285	12	-1.98(4)	1.59(4)	1.56(4)	273274(4)	138637(4)	-93748(4)
285	13	-2.00(4)	1.65(4)	1.55(4)	277020(4)	138121(4)	-93091(4)
285	14	-1.99(4)	1.68(4)	1.54(4)	278368(4)	138676(4)	-92762(4)
285	15	-1.96(4)	1.71(4)	1.53(4)	279644(4)	139569(4)	-92436(4)
285	16	-1.93(4)	1.75(4)	1.51(4)	280848(4)	140788(4)	-92114(4)
286	1	-2.04(4)	1.81(4)	1.42(4)	280779(4)	134817(4)	-87546(4)
286	2	-2.01(4)	1.83(4)	1.41(4)	281653(4)	135531(4)	-87427(4)
286	3	-1.98(4)	1.86(4)	1.39(4)	282463(4)	136535(4)	-87294(4)
286	4	-1.95(4)	1.90(4)	1.37(4)	283212(4)	137818(4)	-87151(4)
286	5	-2.02(4)	1.84(4)	1.32(2)	274602(4)	131758(4)	-82885(4)
286	6	-1.99(4)	1.85(4)	1.31(2)	275039(4)	132627(4)	-82910(4)
286	7	-1.95(4)	1.87(4)	1.30(2)	275414(4)	133791(4)	-82922(4)
286	8	-1.91(4)	1.90(4)	1.29(2)	275725(4)	135253(4)	-82912(4)
286	9	-2.00(4)	1.77(4)	1.23(2)	261083(4)	126564(4)	-77000(4)
286	10	-1.96(4)	1.78(4)	1.21(2)	261081(4)	127582(4)	-77199(4)
286	11	-1.92(4)	1.79(4)	1.20(2)	261017(4)	128904(4)	-77378(4)
286	12	-1.87(4)	1.81(4)	1.19(2)	260892(4)	130540(4)	-77557(4)
286	13	-1.98(4)	1.64(4)	1.20(10-I-2)	239939(4)	119196(4)	-69690(4)
286	14	-1.95(4)	1.66(4)	1.18(10-I-2)	239530(4)	120270(4)	-69952(4)
286	15	-1.90(4)	1.66(4)	1.17(10-I-2)	239109(4)	121595(4)	-70227(4)
286	16	-1.85(4)	1.68(5)	1.15(10-I-2)	238659(4)	123162(4)	-70548(4)
287	1	-2.01(10-I-1)	1.55(4)	1.08(2)	259378(4)	91620(4)	-81325(2)
287	2	-1.98(10-I-1)	1.60(4)	1.02(2)	259623(4)	86430(4)	-80729(2)
287	3	-1.94(10-I-4)	1.61(4)	0.95(2)	259793(4)	81415(4)	-80122(2)
287	4	-1.90(10-I-4)	1.55(4)	0.88(2)	259892(4)	76567(4)	-79509(2)
287	5	-1.81(10-I-1)	1.75(4)	1.08(2)	274762(4)	99507(4)	-82006(1)
287	6	-1.78(10-I-4)	1.78(4)	1.03(2)	274358(4)	93926(4)	-81400(1)
287	7	-1.74(10-I-4)	1.80(4)	0.98(2)	273873(4)	88539(4)	-80763(1)
287	8	-1.69(10-I-4)	1.74(4)	0.92(2)	273311(4)	83335(4)	-80093(1)
287	9	-1.63(10-I-4)	1.85(4)	1.08(2)	282200(4)	105219(4)	-81820(4)
287	10	-1.59(10-I-4)	1.87(4)	1.04(2)	281250(4)	99327(4)	-81209(4)
287	11	-1.54(10-I-4)	1.88(4)	1.00(2)	280228(4)	93661(4)	-80654(4)
287	12	-1.49(10-I-4)	1.86(4)	0.95(2)	279138(4)	88212(4)	-80145(4)
287	13	-1.47(10-I-4)	1.93(1)	1.08(2)	282182(4)	108389(4)	-83103(4)
287	14	-1.43(10-I-4)	1.94(1)	1.05(2)	280748(4)	102362(4)	-82711(4)
287	15	-1.37(10-I-4)	1.95(1)	1.02(2)	279248(4)	96596(4)	-82333(4)
287	16	-1.32(10-I-4)	1.95(1)	0.99(2)	277690(4)	91063(4)	-81962(4)
288	1	-1.31(10-I-4)	1.97(1)	1.09(2)	272713(4)	111037(4)	-85584(4)
288	2	-1.26(10-I-4)	1.98(1)	1.07(2)	270852(4)	105162(4)	-85432(4)
288	3	-1.21(10-I-4)	1.99(1)	1.05(2)	268949(4)	99520(4)	-85244(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
288	4	-1.15(10-I-4)	2.01(1)	1.04(2)	267010(4)	94096(4)	-85029(4)
288	5	-1.18(10-I-4)	1.92(1)	1.07(2)	258691(4)	109223(4)	-84662(4)
288	6	-1.13(10-I-4)	1.94(1)	1.06(2)	256513(4)	103582(4)	-84577(4)
288	7	-1.08(10-I-4)	1.92(1)	1.04(2)	254307(4)	98167(4)	-84455(4)
288	8	-1.02(10-I-4)	1.92(1)	1.03(2)	252074(4)	92958(4)	-84287(4)
288	9	-1.08(10-I-4)	1.77(5)	1.05(2)	238380(4)	105476(4)	-82191(4)
288	10	-1.03(10-I-4)	1.77(1)	1.05(2)	235991(4)	100145(4)	-82191(4)
288	11	-0.98(10-I-4)	1.74(5)	1.05(2)	233590(4)	95037(4)	-82110(4)
288	12	0.93(12-II-4)	1.71(5)	1.06(2)	231199(4)	90125(4)	-81959(4)
288	13	-1.10(11-II-2)	1.59(5)	1.04(2)	212406(4)	99518(4)	-77784(4)
288	14	-1.06(11-II-2)	1.57(5)	1.06(2)	209998(4)	94627(4)	-77794(4)
288	15	-1.02(11-II-2)	1.55(5)	1.08(2)	207640(4)	89924(4)	-77722(4)
288	16	1.00(13-I-2)	1.52(5)	1.10(2)	205309(4)	85389(4)	-77584(4)
289	1	1.32(4)	-1.63(11-I-1)	-0.76(5)	21595(8)	199868(4)	25814(4)
289	2	1.27(4)	-1.69(11-I-1)	-0.78(5)	20061(8)	186763(4)	30133(4)
289	3	1.20(4)	-1.68(11-I-1)	-0.83(4)	16472(8)	179454(4)	37153(4)
289	4	1.08(4)	-1.68(11-I-1)	-0.88(4)	12951(8)	175900(4)	45949(4)
289	5	1.41(4)	-1.79(11-I-1)	-0.59(5)	25819(8)	203078(4)	29354(4)
289	6	1.14(4)	-1.90(11-I-1)	-0.72(5)	21644(8)	175330(4)	34054(4)
289	7	0.79(4)	-2.03(11-I-1)	-0.89(4)	16675(8)	146075(4)	37945(4)
289	8	0.46(13-II-2)	-2.21(11-I-1)	-1.10(4)	10548(8)	114266(4)	37799(4)
289	9	1.40(4)	-2.01(11-I-1)	-0.50(12-II-1)	30890(8)	203269(4)	30632(4)
289	10	0.88(4)	-2.15(11-I-1)	-0.65(12-II-1)	22052(8)	150506(4)	37966(4)
289	11	0.38(13-II-4)	-2.37(11-I-1)	-0.86(4)	12803(8)	89416(4)	42623(4)
289	12	-0.57(11-I-4)	-2.71(11-I-1)	-1.12(4)	-8628(11-I-3)	42818(13-II-2)	39854(4)
289	13	1.35(4)	-2.18(11-I-1)	-0.48(12-II-1)	36449(8)	202072(4)	31953(4)
289	14	0.58(2)	-2.35(11-I-1)	-0.69(12-II-1)	21417(8)	118091(4)	40117(4)
289	15	-0.57(11-I-4)	-2.65(11-I-1)	-0.91(12-II-1)	-8711(11-I-3)	-42340(11-I-2)	42561(4)
289	16	-1.26(4)	-3.05(11-I-1)	-1.37(12-II-3)	-16219(11-I-3)	-127606(13-I-2)	33399(4)
290	1	1.84(4)	-1.24(10-II-2)	-0.27(12-I-3)	25079(8)	243320(4)	8803(10-I-3)
290	2	1.80(4)	-1.28(10-II-2)	-0.37(5)	24911(8)	239663(4)	10516(4)
290	3	1.70(4)	-1.34(10-II-2)	-0.51(5)	24242(8)	230767(4)	16778(4)
290	4	1.54(4)	-1.42(10-II-3)	-0.65(5)	23170(8)	216740(4)	21966(4)
290	5	2.00(4)	-1.53(10-II-2)	-0.26(12-I-3)	31446(8)	253723(4)	8852(10-I-3)
290	6	1.95(4)	-1.56(10-II-2)	-0.29(2)	31310(8)	249777(4)	10767(4)
290	7	1.84(4)	-1.60(10-II-2)	-0.38(2)	30607(8)	239919(4)	17516(4)
290	8	1.66(4)	-1.67(11-I-1)	-0.46(2)	29030(8)	223699(4)	24033(4)
290	9	2.11(4)	-1.73(10-II-2)	-0.25(12-I-3)	37924(8)	264624(4)	8820(10-I-3)
290	10	2.06(4)	-1.76(10-II-2)	-0.27(13-II-4)	37907(8)	260600(4)	11024(4)
290	11	1.93(4)	-1.79(10-II-2)	-0.30(2)	37174(8)	250354(4)	18242(4)
290	12	1.75(4)	-1.90(11-I-1)	-0.37(12-II-1)	35573(8)	233625(4)	24785(4)
290	13	2.19(4)	-2.00(4)	-0.24(13-II-4)	44863(8)	276123(4)	8742(10-I-3)
290	14	2.13(4)	-2.04(4)	-0.25(13-II-4)	45087(8)	272089(4)	11443(4)
290	15	2.00(4)	-2.09(4)	-0.27(12-II-1)	44430(8)	261885(4)	18828(4)
290	16	1.80(4)	-2.17(4)	-0.35(12-II-1)	43012(8)	245465(4)	25925(4)
291	1	2.24(4)	-2.25(4)	-0.24(12-I-3)	49839(8)	284296(4)	8241(10-I-3)
291	2	2.25(4)	-2.25(4)	0.29(11-I-4)	49400(8)	283333(4)	8429(10-I-3)
291	3	2.25(4)	-2.23(4)	0.33(11-I-4)	48584(8)	282373(4)	8718(10-I-3)
291	4	2.24(4)	-2.21(4)	0.34(11-I-4)	47493(8)	281873(4)	9061(10-I-3)
291	5	2.26(4)	-2.35(4)	0.27(11-I-4)	51739(8)	286861(4)	8301(10-I-3)
291	6	2.25(4)	-2.32(4)	0.29(11-I-4)	51025(8)	285303(4)	8594(10-I-3)
291	7	2.21(4)	-2.29(4)	0.28(11-I-4)	50387(8)	282815(4)	9563(8)
291	8	2.17(4)	-2.26(4)	0.28(11-I-4)	49636(8)	279736(4)	10438(8)
291	9	2.27(4)	-2.44(4)	0.29(11-I-4)	54174(8)	290440(4)	8395(8)
291	10	2.24(4)	-2.40(4)	0.28(11-I-4)	52829(8)	286781(4)	9913(8)
291	11	2.17(4)	-2.36(4)	0.27(11-I-4)	51454(8)	280723(4)	12360(4)
291	12	2.07(4)	-2.31(4)	0.25(11-I-4)	49664(8)	272428(4)	16747(4)
291	13	2.28(4)	-2.52(4)	0.31(11-I-4)	57278(4)	293947(4)	9243(8)
291	14	2.22(4)	-2.47(4)	0.28(11-I-4)	54677(8)	287494(4)	11260(8)
291	15	2.09(4)	-2.42(4)	0.26(11-I-4)	52126(8)	276320(4)	16892(4)
291	16	1.91(4)	-2.37(4)	-0.29(12-II-1)	49112(8)	260636(4)	23067(4)
292	1	-2.30(10-I-1)	1.15(4)	0.90(2)	211769(4)	62399(4)	-78927(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
292	2	-2.32(10-I-1)	1.13(4)	0.97(2)	210248(4)	66762(4)	-79411(2)
292	3	-2.33(10-I-1)	1.12(4)	1.04(2)	208649(4)	71275(4)	-79850(2)
292	4	-2.34(10-I-1)	1.10(4)	1.10(2)	206980(4)	75917(4)	-80248(2)
292	5	-2.89(10-I-3)	-0.46(11-I-2)	0.83(11-I-2)	104339(4)	33529(4)	-65291(2)
292	6	-2.87(10-I-3)	-0.54(11-I-2)	0.87(11-I-2)	101887(4)	37285(4)	-65006(2)
292	7	-2.84(10-I-1)	-0.56(11-I-2)	0.91(2)	99560(4)	41135(4)	-64656(2)
292	8	-2.82(10-I-1)	-0.56(11-I-2)	0.96(2)	97365(4)	45071(4)	-64271(2)
292	9	-3.42(10-I-3)	-1.21(11-I-2)	0.73(11-I-2)	-88087(11-I-4)	-21048(13-I-3)	-26022(2)
292	10	-3.37(10-I-3)	-1.28(11-I-2)	0.75(11-I-2)	-88252(11-I-4)	-20543(13-I-3)	-24873(2)
292	11	-3.33(10-I-3)	-1.28(11-I-2)	0.77(11-I-2)	-88287(11-I-4)	-20064(11-I-2)	-23778(2)
292	12	-3.28(10-I-3)	-1.23(11-I-2)	0.79(11-I-2)	-88216(11-I-4)	-19680(11-I-2)	-22756(2)
292	13	-3.88(10-I-3)	-2.01(4)	-0.72(13-II-2)	-230735(4)	-68780(4)	73030(4)
292	14	-3.82(10-I-3)	-2.08(4)	-0.71(13-II-2)	-229698(4)	-66691(4)	73092(4)
292	15	-3.77(4)	-2.08(4)	0.70(10-II-3)	-228669(4)	-64647(4)	73109(4)
292	16	-3.73(4)	-1.97(4)	0.73(10-II-3)	-227607(4)	-62630(4)	73043(4)
293	1	-1.87(4)	1.76(4)	-0.49(10-II-3)	231174(4)	35225(8)	21580(4)
293	2	-1.70(10-II-2)	1.69(4)	-0.46(10-II-3)	222018(4)	30228(8)	21389(4)
293	3	-1.50(10-II-2)	1.59(4)	-0.47(12-II-3)	214098(4)	25444(8)	20919(4)
293	4	-1.25(10-II-2)	1.47(4)	-0.54(12-II-3)	207185(4)	20597(8)	19708(4)
293	5	-1.89(4)	1.96(4)	-0.41(10-II-3)	250814(4)	38881(8)	16061(4)
293	6	-1.69(10-II-2)	1.89(4)	-0.39(10-II-3)	241180(4)	33210(8)	16188(4)
293	7	-1.50(10-II-2)	1.79(4)	-0.39(10-II-3)	232063(4)	27869(8)	15787(4)
293	8	-1.24(10-II-2)	1.64(4)	-0.41(12-II-3)	223405(4)	22460(8)	15002(4)
293	9	-1.92(4)	2.10(4)	-0.34(10-II-3)	265046(4)	41686(8)	9778(4)
293	10	-1.70(10-II-2)	2.03(4)	-0.32(10-II-3)	254681(4)	35497(8)	10004(4)
293	11	-1.50(10-II-2)	1.92(4)	-0.29(10-II-3)	244676(4)	29687(8)	9744(4)
293	12	-1.22(10-II-2)	1.76(4)	-0.29(12-II-3)	235032(4)	23839(8)	9153(4)
293	13	-1.96(4)	2.18(4)	0.29(12-I-3)	273565(4)	43708(8)	-7904(10-I-3)
293	14	-1.71(10-II-2)	2.10(4)	0.28(12-I-3)	262611(4)	37116(8)	-7887(10-I-3)
293	15	-1.51(10-II-2)	1.99(4)	0.26(12-I-3)	251959(4)	30905(8)	-7815(10-I-3)
293	16	-1.22(10-II-2)	1.83(4)	0.22(10-I-3)	241741(4)	24721(8)	-7715(10-I-3)
294	1	-2.33(4)	1.88(4)	0.47(12-I-3)	246992(4)	45950(4)	11840(4)
294	2	-2.27(4)	1.86(4)	0.48(12-I-3)	244079(4)	43416(8)	12560(4)
294	3	-2.18(4)	1.83(4)	0.48(12-I-3)	241290(4)	41261(8)	13108(4)
294	4	-2.08(4)	1.79(4)	0.48(12-I-3)	238755(4)	39182(8)	13547(4)
294	5	-2.40(4)	2.11(4)	0.44(12-I-3)	268283(4)	50968(4)	-11026(10-I-3)
294	6	-2.31(4)	2.05(4)	0.44(12-I-3)	264930(4)	47874(8)	-10933(10-I-3)
294	7	-2.22(4)	2.02(4)	0.44(12-I-3)	261641(4)	45418(8)	-10807(10-I-3)
294	8	-2.12(4)	2.00(4)	0.44(12-I-3)	258280(4)	43049(8)	-10629(10-I-3)
294	9	-2.45(4)	2.24(4)	0.40(12-I-3)	283232(4)	54684(4)	-11562(10-I-3)
294	10	-2.37(4)	2.20(4)	0.40(12-I-3)	279677(4)	51447(8)	-11519(10-I-3)
294	11	-2.27(4)	2.17(4)	0.40(12-I-3)	276098(4)	48898(8)	-11467(10-I-3)
294	12	-2.17(4)	2.14(4)	0.40(12-I-3)	272503(4)	46461(8)	-11408(10-I-3)
294	13	-2.52(4)	2.33(4)	0.35(12-I-3)	292357(4)	57416(4)	-12983(8)
294	14	-2.43(4)	2.29(4)	0.35(12-I-3)	288459(4)	54163(8)	-12281(8)
294	15	-2.33(4)	2.25(4)	0.35(12-I-3)	284701(4)	51585(8)	-12116(10-I-3)
294	16	-2.22(4)	2.23(4)	0.35(12-I-3)	280982(4)	49190(8)	-12098(10-I-3)
295	1	-2.58(11-II-3)	-0.92(4)	-0.94(10-II-1)	-208589(4)	-28140(4)	28222(4)
295	2	-2.59(11-II-3)	-0.83(4)	-0.92(10-II-1)	-205532(4)	-28396(4)	28666(4)
295	3	-2.57(11-II-3)	-0.74(4)	-0.91(10-II-1)	-201137(4)	-28784(4)	29253(4)
295	4	-2.50(11-II-3)	-0.79(12-I-4)	-0.88(10-II-1)	-193276(4)	-29729(4)	29332(4)
295	5	-2.36(11-II-3)	0.35(10-I-2)	-0.90(10-II-3)	-58647(13-II-1)	-6833(11-II-2)	30416(4)
295	6	-2.35(11-II-3)	0.33(11-I-4)	-0.91(10-II-3)	-58667(13-II-2)	-7337(11-II-2)	31459(4)
295	7	-2.34(11-II-3)	0.32(10-I-2)	-0.92(10-II-3)	-59095(13-II-2)	-7992(5)	32905(4)
295	8	-2.34(11-II-3)	0.31(10-I-2)	-0.91(10-II-3)	-60486(13-II-2)	-8826(5)	35976(4)
295	9	-2.22(4)	0.76(2)	-0.71(10-II-3)	92512(13-I-4)	17892(8)	26499(4)
295	10	-2.19(11-II-3)	0.79(2)	-0.70(10-II-3)	92487(13-I-3)	16446(8)	27121(4)
295	11	-2.18(11-II-3)	0.77(11-I-4)	-0.69(10-II-3)	92358(13-I-3)	14998(8)	27647(4)
295	12	-2.16(11-II-3)	0.72(11-I-4)	-0.69(10-II-3)	92005(13-I-3)	14191(13-I-2)	27976(4)
295	13	-2.29(4)	1.40(4)	0.56(12-I-3)	192646(4)	35180(8)	18270(4)
295	14	-2.21(4)	1.42(4)	0.56(12-I-3)	190842(4)	33399(8)	18881(4)
295	15	-2.14(4)	1.40(4)	0.55(12-I-3)	189130(4)	31751(8)	19288(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
295	16	-2.05(4)	1.36(4)	0.55(12-I-3)	187655(4)	30190(8)	19253(4)
296	1	-2.03(4)	1.37(4)	1.42(6)	238552(4)	91807(4)	-69485(4)
296	2	-2.02(4)	1.34(4)	1.43(6)	237133(4)	86972(4)	-66031(4)
296	3	-2.02(4)	1.31(4)	1.45(4)	234652(4)	84012(8)	-62632(4)
296	4	-2.08(4)	1.23(4)	1.52(4)	230363(4)	82366(8)	-59538(4)
296	5	-1.97(4)	1.53(4)	1.52(4)	245689(4)	91952(4)	-72419(4)
296	6	-1.98(4)	1.47(4)	1.48(4)	240740(4)	87944(4)	-69484(4)
296	7	-1.99(4)	1.41(4)	1.44(4)	235070(4)	84351(8)	-65958(4)
296	8	-1.91(4)	1.30(4)	1.44(4)	227857(4)	80982(8)	-61930(4)
296	9	-1.92(4)	1.59(4)	1.60(4)	251911(4)	96127(4)	-79723(4)
296	10	-1.92(4)	1.52(4)	1.54(4)	245844(4)	90075(4)	-74867(4)
296	11	-1.93(4)	1.44(4)	1.47(4)	237787(4)	84214(8)	-69310(4)
296	12	-1.89(4)	1.32(4)	1.44(4)	226935(4)	78688(8)	-62983(4)
296	13	-1.87(4)	1.62(4)	1.68(4)	253548(4)	99587(4)	-86456(4)
296	14	-1.86(4)	1.56(4)	1.59(4)	248806(4)	91914(4)	-80133(4)
296	15	-1.87(4)	1.46(4)	1.50(4)	240019(4)	84026(8)	-72633(4)
296	16	-1.85(4)	1.35(4)	1.43(4)	226452(4)	76313(8)	-63798(4)
297	1	-7.27(4)	-1.26(4)	-1.49(10-II-1)	-201627(4)	-24756(4)	10879(4)
297	2	-7.19(4)	-1.23(4)	-1.50(10-II-1)	-200831(4)	-24171(4)	10996(4)
297	3	-7.14(4)	-1.18(4)	-1.49(10-II-1)	-200123(4)	-23618(4)	11296(4)
297	4	-7.08(4)	-1.15(4)	-1.47(10-II-1)	-199252(4)	-23145(4)	11813(4)
297	5	-7.07(4)	-1.27(4)	-1.41(10-II-1)	-214532(4)	-26351(4)	11050(4)
297	6	-7.01(4)	-1.27(4)	-1.45(10-II-1)	-213966(4)	-25856(4)	10758(4)
297	7	-6.97(4)	-1.21(4)	-1.45(10-II-1)	-213733(4)	-24741(4)	11056(4)
297	8	-6.98(4)	-1.15(4)	-1.42(10-II-1)	-213091(4)	-24329(4)	11904(4)
297	9	-6.87(4)	-1.25(4)	-1.28(10-II-1)	-227670(4)	-27889(4)	10629(4)
297	10	-6.77(4)	-1.26(4)	-1.33(10-II-1)	-226640(4)	-27828(4)	10086(4)
297	11	-6.83(4)	-1.32(4)	-1.46(10-II-1)	-227779(4)	-27333(4)	8723(4)
297	12	-6.91(4)	-1.11(4)	-1.36(10-II-1)	-228374(4)	-24007(4)	10939(4)
297	13	-6.70(4)	-1.17(4)	-1.11(10-II-1)	-241335(4)	-28892(4)	11077(10-II-1)
297	14	-6.56(4)	-1.17(4)	-1.12(10-II-1)	-239886(4)	-28966(4)	10767(10-II-1)
297	15	-6.43(4)	-1.24(12-II-2)	-1.19(10-II-1)	-238579(4)	-29666(4)	9668(10-II-1)
297	16	-7.20(4)	-1.69(12-II-2)	-1.62(10-II-1)	-246855(4)	-31156(4)	6137(10-II-1)
298	1	-7.57(4)	-1.21(4)	-1.57(10-II-1)	-180270(4)	-22430(4)	9960(4)
298	2	-7.49(4)	-1.18(4)	-1.57(10-II-1)	-179371(4)	-21953(4)	10207(4)
298	3	-7.41(4)	-1.14(4)	-1.56(10-II-1)	-178468(4)	-21492(4)	10477(4)
298	4	-7.33(4)	-1.11(4)	-1.55(10-II-1)	-177496(4)	-21070(4)	10745(4)
298	5	-7.51(4)	-1.22(4)	-1.56(10-II-1)	-184462(4)	-22859(4)	10184(4)
298	6	-7.43(4)	-1.19(4)	-1.56(10-II-1)	-183562(4)	-22377(4)	10422(4)
298	7	-7.35(4)	-1.15(4)	-1.55(10-II-1)	-182667(4)	-21910(4)	10698(4)
298	8	-7.28(4)	-1.12(4)	-1.53(10-II-1)	-181695(4)	-21503(4)	10999(4)
298	9	-7.45(4)	-1.23(4)	-1.54(10-II-1)	-188723(4)	-23304(4)	10396(4)
298	10	-7.37(4)	-1.20(4)	-1.54(10-II-1)	-187829(4)	-22811(4)	10619(4)
298	11	-7.29(4)	-1.16(4)	-1.54(10-II-1)	-186953(4)	-22335(4)	10903(4)
298	12	-7.22(4)	-1.13(4)	-1.52(10-II-1)	-185989(4)	-21933(4)	11234(4)
298	13	-7.38(4)	-1.24(4)	-1.53(10-II-1)	-193044(4)	-23763(4)	10593(4)
298	14	-7.30(4)	-1.21(4)	-1.53(10-II-1)	-192168(4)	-23263(4)	10788(4)
298	15	-7.24(4)	-1.17(4)	-1.52(10-II-1)	-191319(4)	-22755(4)	11088(4)
298	16	-7.17(4)	-1.14(4)	-1.51(10-II-1)	-190373(4)	-22393(4)	11435(4)
299	1	-7.97(4)	-1.12(4)	-1.64(10-II-1)	-153932(4)	-19811(4)	8391(5)
299	2	-7.88(4)	-1.10(4)	-1.63(10-II-1)	-153140(4)	-19316(4)	8602(4)
299	3	-7.79(4)	-1.07(4)	-1.62(10-II-1)	-152310(4)	-18826(4)	8795(4)
299	4	-7.71(4)	-1.04(4)	-1.61(10-II-1)	-151444(4)	-18340(4)	8963(4)
299	5	-7.87(4)	-1.14(4)	-1.62(10-II-1)	-160441(4)	-20456(4)	8811(5)
299	6	-7.78(4)	-1.12(4)	-1.62(10-II-1)	-159614(4)	-19971(4)	9025(4)
299	7	-7.69(4)	-1.09(4)	-1.61(10-II-1)	-158753(4)	-19494(4)	9240(4)
299	8	-7.61(4)	-1.06(4)	-1.60(10-II-1)	-157854(4)	-19029(4)	9429(4)
299	9	-7.77(4)	-1.17(4)	-1.61(10-II-1)	-167310(4)	-21135(4)	9228(5)
299	10	-7.67(4)	-1.14(4)	-1.60(10-II-1)	-166449(4)	-20657(4)	9456(4)
299	11	-7.59(4)	-1.11(4)	-1.59(10-II-1)	-165562(4)	-20191(4)	9693(4)
299	12	-7.51(4)	-1.08(4)	-1.58(10-II-1)	-164631(4)	-19749(4)	9908(4)
299	13	-7.66(4)	-1.19(4)	-1.59(10-II-1)	-174503(4)	-21850(4)	9635(5)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
299	14	-7.57(4)	-1.16(4)	-1.58(10-II-1)	-173616(4)	-21375(4)	9886(4)
299	15	-7.49(4)	-1.13(4)	-1.58(10-II-1)	-172714(4)	-20915(4)	10142(4)
299	16	-7.41(4)	-1.10(4)	-1.56(10-II-1)	-171757(4)	-20483(4)	10394(4)
300	1	-8.36(4)	-1.04(4)	-1.68(10-II-1)	-132075(4)	-17579(4)	8108(10-I-3)
300	2	-8.26(4)	-1.02(4)	-1.67(10-II-1)	-131382(4)	-17056(4)	8186(10-I-3)
300	3	-8.18(4)	-1.00(4)	-1.65(10-II-1)	-130647(4)	-16523(4)	8266(10-I-3)
300	4	-8.10(4)	-0.97(4)	-1.64(10-II-1)	-129878(4)	-15980(4)	8347(10-I-3)
300	5	-8.26(4)	-1.06(4)	-1.67(10-II-1)	-136860(4)	-18081(4)	7920(11-I-4)
300	6	-8.17(4)	-1.04(4)	-1.66(10-II-1)	-136151(4)	-17563(4)	7973(11-I-4)
300	7	-8.08(4)	-1.01(4)	-1.65(10-II-1)	-135400(4)	-17037(4)	8022(11-I-4)
300	8	-8.00(4)	-0.98(4)	-1.63(10-II-1)	-134615(4)	-16503(4)	8105(10-I-3)
300	9	-8.17(4)	-1.08(4)	-1.66(10-II-1)	-142114(4)	-18622(4)	8042(11-I-4)
300	10	-8.08(4)	-1.06(4)	-1.65(10-II-1)	-141383(4)	-18110(4)	8096(11-I-4)
300	11	-7.99(4)	-1.03(4)	-1.64(10-II-1)	-140610(4)	-17594(4)	8145(11-I-4)
300	12	-7.90(4)	-1.00(4)	-1.63(10-II-1)	-139803(4)	-17073(4)	8187(11-I-4)
300	13	-8.07(4)	-1.10(4)	-1.65(10-II-1)	-147814(4)	-19199(4)	8143(11-I-4)
300	14	-7.98(4)	-1.08(4)	-1.64(10-II-1)	-147054(4)	-18696(4)	8198(11-I-4)
300	15	-7.89(4)	-1.05(4)	-1.63(10-II-1)	-146255(4)	-18191(4)	8363(4)
300	16	-7.81(4)	-1.02(4)	-1.62(10-II-1)	-145420(4)	-17687(4)	8512(4)
301	1	-8.71(4)	-1.00(4)	-1.69(10-II-1)	-118100(4)	-16015(4)	8833(10-I-3)
301	2	-8.62(4)	-0.98(4)	-1.68(10-II-1)	-117394(4)	-15502(4)	8883(10-I-3)
301	3	-8.54(4)	-0.96(4)	-1.66(10-II-1)	-116650(4)	-14973(4)	8939(10-I-3)
301	4	-8.46(4)	-0.93(4)	-1.64(10-II-1)	-115877(4)	-14429(4)	9000(10-I-3)
301	5	-8.62(4)	-1.00(4)	-1.69(10-II-1)	-120775(4)	-16332(4)	8700(10-I-3)
301	6	-8.53(4)	-0.99(4)	-1.68(10-II-1)	-120083(4)	-15814(4)	8757(10-I-3)
301	7	-8.45(4)	-0.96(4)	-1.66(10-II-1)	-119352(4)	-15279(4)	8819(10-I-3)
301	8	-8.37(4)	-0.93(4)	-1.64(10-II-1)	-118591(4)	-14729(4)	8887(10-I-3)
301	9	-8.54(4)	-1.01(4)	-1.69(10-II-1)	-124010(4)	-16701(4)	8534(10-I-3)
301	10	-8.45(4)	-1.00(4)	-1.68(10-II-1)	-123326(4)	-16179(4)	8598(10-I-3)
301	11	-8.36(4)	-0.97(4)	-1.66(10-II-1)	-122601(4)	-15641(4)	8667(10-I-3)
301	12	-8.28(4)	-0.94(4)	-1.64(10-II-1)	-121844(4)	-15090(4)	8739(10-I-3)
301	13	-8.45(4)	-1.03(4)	-1.68(10-II-1)	-127784(4)	-17118(4)	8336(10-I-3)
301	14	-8.36(4)	-1.01(4)	-1.67(10-II-1)	-127099(4)	-16594(4)	8407(10-I-3)
301	15	-8.27(4)	-0.98(4)	-1.66(10-II-1)	-126373(4)	-16057(4)	8482(10-I-3)
301	16	-8.19(4)	-0.95(4)	-1.64(10-II-1)	-125614(4)	-15508(4)	8559(10-I-3)
302	1	-9.02(4)	-1.00(4)	-1.69(10-II-1)	-117583(13-I-3)	-15324(4)	9037(10-I-3)
302	2	-8.94(4)	-0.98(4)	-1.66(10-II-1)	-117077(13-I-3)	-14861(4)	9054(10-I-3)
302	3	-8.86(4)	-0.96(4)	-1.64(10-II-1)	-116559(13-I-3)	-14436(13-I-3)	9081(10-I-3)
302	4	-8.79(4)	-0.93(4)	-1.61(10-II-1)	-116030(13-I-3)	-14198(13-I-3)	9116(10-I-3)
302	5	-8.94(4)	-1.00(4)	-1.69(10-II-1)	-113645(4)	-15403(4)	9036(10-I-3)
302	6	-8.86(4)	-0.98(4)	-1.67(10-II-1)	-112852(4)	-14924(4)	9061(10-I-3)
302	7	-8.79(4)	-0.95(4)	-1.65(10-II-1)	-112029(4)	-14430(4)	9095(10-I-3)
302	8	-8.71(4)	-0.92(4)	-1.62(10-II-1)	-111182(4)	-13921(4)	9138(10-I-3)
302	9	-8.87(4)	-0.99(4)	-1.69(10-II-1)	-114515(4)	-15546(4)	9001(10-I-3)
302	10	-8.78(4)	-0.98(4)	-1.67(10-II-1)	-113758(4)	-15054(4)	9035(10-I-3)
302	11	-8.71(4)	-0.95(4)	-1.65(10-II-1)	-112967(4)	-14545(4)	9077(10-I-3)
302	12	-8.63(4)	-0.92(4)	-1.63(10-II-1)	-112151(4)	-14021(4)	9126(10-I-3)
302	13	-8.79(4)	-0.99(4)	-1.69(10-II-1)	-116007(4)	-15751(4)	8934(10-I-3)
302	14	-8.70(4)	-0.98(4)	-1.68(10-II-1)	-115278(4)	-15248(4)	8976(10-I-3)
302	15	-8.62(4)	-0.95(4)	-1.66(10-II-1)	-114514(4)	-14728(4)	9025(10-I-3)
302	16	-8.55(4)	-0.92(4)	-1.63(10-II-1)	-113723(4)	-14192(4)	9080(10-I-3)
303	1	-9.28(4)	-1.06(4)	-1.66(10-II-1)	-147915(13-I-3)	-18664(13-I-3)	8721(10-I-3)
303	2	-9.22(4)	-1.04(4)	-1.62(10-II-1)	-147365(13-I-3)	-18481(13-I-3)	8712(10-I-3)
303	3	-9.16(4)	-1.00(4)	-1.59(10-II-1)	-146782(13-I-3)	-18313(13-I-3)	8714(10-I-3)
303	4	-9.11(4)	-0.97(4)	-1.57(10-II-1)	-146211(13-I-3)	-18152(13-I-3)	8710(10-I-3)
303	5	-9.22(4)	-1.04(4)	-1.67(10-II-1)	-139570(13-I-3)	-17629(13-I-3)	8851(10-I-3)
303	6	-9.15(4)	-1.02(4)	-1.64(10-II-1)	-139029(13-I-3)	-17434(13-I-3)	8847(10-I-3)
303	7	-9.09(4)	-0.99(4)	-1.61(10-II-1)	-138487(13-I-3)	-17252(13-I-3)	8843(10-I-3)
303	8	-9.03(4)	-0.96(4)	-1.58(10-II-1)	-137914(13-I-3)	-17078(13-I-3)	8852(10-I-3)
303	9	-9.15(4)	-1.02(4)	-1.68(10-II-1)	-131760(13-I-3)	-16644(13-I-3)	8942(10-I-3)
303	10	-9.08(4)	-1.00(4)	-1.65(10-II-1)	-131227(13-I-3)	-16458(13-I-3)	8944(10-I-3)
303	11	-9.02(4)	-0.98(4)	-1.62(10-II-1)	-130689(13-I-3)	-16261(13-I-3)	8955(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
303	12	-8.95(4)	-0.94(4)	-1.59(10-II-1)	-130135(13-I-3)	-16051(13-I-3)	8973(10-I-3)
303	13	-9.09(4)	-1.01(4)	-1.68(10-II-1)	-124436(13-I-3)	-15722(13-I-3)	9005(10-I-3)
303	14	-9.01(4)	-0.99(4)	-1.66(10-II-1)	-123916(13-I-3)	-15529(13-I-3)	9015(10-I-3)
303	15	-8.94(4)	-0.96(4)	-1.63(10-II-1)	-123388(13-I-3)	-15322(13-I-3)	9034(10-I-3)
303	16	-8.87(4)	-0.93(4)	-1.60(10-II-1)	-122846(13-I-3)	-15096(13-I-3)	9061(10-I-3)
304	1	-9.47(4)	-1.16(4)	-1.62(10-II-1)	-187448(13-I-3)	-23552(13-I-3)	8013(10-I-3)
304	2	-9.44(4)	-1.13(4)	-1.57(10-II-1)	-186884(13-I-3)	-23434(13-I-3)	8001(10-I-3)
304	3	-9.43(4)	-1.10(4)	-1.53(10-II-1)	-186339(13-I-3)	-23310(13-I-3)	7986(10-I-3)
304	4	-9.42(4)	-1.05(4)	-1.50(10-II-1)	-185791(13-I-3)	-23178(13-I-3)	7947(10-I-3)
304	5	-9.43(4)	-1.13(4)	-1.63(10-II-1)	-176645(13-I-3)	-22214(13-I-3)	8216(10-I-3)
304	6	-9.39(4)	-1.11(4)	-1.58(10-II-1)	-176078(13-I-3)	-22087(13-I-3)	8196(10-I-3)
304	7	-9.36(4)	-1.07(4)	-1.54(10-II-1)	-175520(13-I-3)	-21952(13-I-3)	8178(10-I-3)
304	8	-9.34(4)	-1.03(4)	-1.52(10-II-1)	-174948(13-I-3)	-21807(13-I-3)	8153(10-I-3)
304	9	-9.38(4)	-1.11(4)	-1.64(10-II-1)	-166455(13-I-3)	-20941(13-I-3)	8410(10-I-3)
304	10	-9.33(4)	-1.08(4)	-1.60(10-II-1)	-165885(13-I-3)	-20825(13-I-3)	8388(10-I-3)
304	11	-9.30(4)	-1.04(4)	-1.56(10-II-1)	-165329(13-I-3)	-20680(13-I-3)	8364(10-I-3)
304	12	-9.27(4)	-1.00(4)	-1.54(10-II-1)	-164747(13-I-3)	-20496(13-I-3)	8354(10-I-3)
304	13	-9.34(4)	-1.08(4)	-1.64(10-II-1)	-156871(13-I-3)	-19754(13-I-3)	8572(10-I-3)
304	14	-9.28(4)	-1.05(4)	-1.60(10-II-1)	-156305(13-I-3)	-19622(13-I-3)	8555(10-I-3)
304	15	-9.23(4)	-1.03(4)	-1.57(10-II-1)	-155718(13-I-3)	-19468(13-I-3)	8552(10-I-3)
304	16	-9.18(4)	-0.99(4)	-1.54(10-II-1)	-155149(13-I-3)	-19272(13-I-3)	8546(10-I-3)
305	1	-9.56(4)	-1.21(4)	-1.51(10-II-1)	-243241(11-I-3)	-30408(11-I-3)	-7899(12-II-3)
305	2	-9.61(4)	-1.21(4)	-1.55(10-II-1)	-242097(11-I-3)	-30312(11-I-3)	-7594(12-II-3)
305	3	-9.63(4)	-1.21(4)	-1.42(10-II-1)	-241460(11-I-3)	-30218(11-I-3)	7562(10-I-3)
305	4	-9.71(4)	-1.20(4)	-1.45(10-II-1)	-241483(11-I-3)	-30099(11-I-3)	7633(10-I-3)
305	5	-9.55(4)	-1.23(4)	-1.57(10-II-1)	-226934(11-I-3)	-28392(11-I-3)	-7659(12-II-3)
305	6	-9.58(4)	-1.19(4)	-1.52(10-II-1)	-225947(11-I-3)	-28329(11-I-3)	7477(10-I-3)
305	7	-9.59(4)	-1.18(4)	-1.46(10-II-1)	-225301(11-I-3)	-28203(11-I-3)	7619(10-I-3)
305	8	-9.65(4)	-1.16(4)	-1.43(10-II-1)	-224836(11-I-3)	-27962(11-I-3)	7486(10-I-3)
305	9	-9.53(4)	-1.21(4)	-1.59(10-II-1)	-211496(11-I-3)	-26489(11-I-3)	7599(10-I-3)
305	10	-9.53(4)	-1.18(4)	-1.53(10-II-1)	-210647(11-I-3)	-26392(13-I-3)	7630(10-I-3)
305	11	-9.54(4)	-1.15(4)	-1.48(10-II-1)	-209957(13-I-3)	-26275(13-I-3)	7675(10-I-3)
305	12	-9.58(4)	-1.11(4)	-1.45(10-II-1)	-209534(13-I-3)	-26125(13-I-3)	7573(10-I-3)
305	13	-9.51(4)	-1.19(4)	-1.61(10-II-1)	-198886(13-I-3)	-24968(13-I-3)	7805(10-I-3)
305	14	-9.49(4)	-1.16(4)	-1.55(10-II-1)	-198328(13-I-3)	-24865(13-I-3)	7809(10-I-3)
305	15	-9.49(4)	-1.12(4)	-1.50(10-II-1)	-197811(13-I-3)	-24749(13-I-3)	7808(10-I-3)
305	16	-9.50(4)	-1.08(4)	-1.48(10-II-1)	-197305(13-I-3)	-24622(13-I-3)	7748(10-I-3)
306	1	-1.19(13-II-2)	-12.72(13-II-1)	3.34(10-II-1)	-8796(2)	-66652(4)	-13008(12-I-1)
306	2	-1.10(13-II-2)	-10.85(13-II-1)	4.14(10-II-1)	-7180(2)	-50892(13-II-1)	-24544(12-I-1)
306	3	-0.82(13-II-2)	-8.18(13-II-1)	4.70(2)	-4366(13-II-1)	-38635(13-II-1)	-30466(12-I-1)
306	4	1.01(13-I-2)	9.41(11-I-2)	4.95(2)	5602(11-I-1)	39810(11-I-1)	-34092(12-I-1)
306	5	1.41(13-I-3)	12.90(11-I-3)	4.63(2)	11817(10-II-1)	57996(11-I-3)	-33320(8)
306	6	1.73(13-I-3)	16.23(11-I-3)	2.39(2)	16016(4)	85047(11-I-3)	-16812(8)
306	7	-1.35(13-II-2)	-12.14(13-II-1)	2.92(10-II-1)	-6991(4)	-80202(4)	9494(10-II-1)
306	8	-1.17(13-II-2)	-10.56(13-II-1)	3.15(10-II-1)	-4594(13-II-2)	-55087(13-II-1)	-11615(12-I-1)
306	9	-0.87(13-II-2)	-7.96(13-II-1)	3.28(10-II-1)	-3672(13-II-2)	-42049(13-II-1)	-13931(12-I-1)
306	10	1.08(11-I-2)	9.43(11-I-2)	3.16(10-II-1)	5176(11-I-2)	39140(11-I-2)	-15055(12-I-1)
306	11	1.54(13-I-3)	12.70(11-I-3)	2.56(10-II-1)	7175(11-I-2)	59814(11-I-3)	-14006(12-I-1)
306	12	2.12(13-I-3)	15.01(11-I-3)	1.46(10-II-1)	13369(4)	101105(4)	-5260(12-I-1)
306	13	-1.30(13-II-2)	-12.22(13-II-1)	2.41(10-II-1)	-6618(13-II-2)	-80215(4)	12119(10-II-1)
306	14	-1.11(13-II-2)	-10.64(13-II-1)	2.27(10-II-1)	-4814(13-II-2)	-55361(13-II-1)	15751(10-II-1)
306	15	-0.82(13-II-2)	-8.02(13-II-1)	-2.49(12-I-1)	-3880(13-II-2)	-42319(13-II-1)	17198(10-II-1)
306	16	1.14(11-I-2)	9.42(11-I-2)	-2.59(12-I-1)	4418(13-I-2)	38936(11-I-2)	17416(10-II-1)
306	17	1.64(11-I-3)	12.66(11-I-3)	-2.19(12-I-1)	5461(13-I-3)	59470(11-I-3)	15749(10-II-1)
306	18	2.17(13-I-3)	14.99(11-I-3)	-1.26(12-I-1)	11482(4)	100237(4)	5584(2)
306	19	-1.03(13-II-2)	-12.96(13-II-1)	-2.20(12-I-1)	-7679(10-I-3)	-66989(4)	16755(2)
306	20	-0.93(13-II-2)	-11.07(13-II-1)	-3.34(12-I-1)	-6600(10-I-3)	-51892(13-II-1)	30261(4)
306	21	0.76(11-I-2)	-8.35(13-II-1)	-3.98(12-I-1)	-4886(11-II-2)	-39462(13-II-1)	37032(4)
306	22	1.19(11-I-2)	9.38(11-I-2)	-4.29(12-I-1)	3580(13-I-2)	39274(11-I-2)	41206(4)
306	23	1.68(11-I-2)	12.80(11-I-3)	-4.01(12-I-1)	8408(12-I-1)	56717(11-I-3)	40499(4)
306	24	1.91(11-I-2)	16.17(11-I-3)	-2.13(12-I-1)	11976(10-I-1)	83916(11-I-3)	18832(4)
307	1	-2.60(4)	-1.44(4)	1.00(10-I-2)	-191576(4)	-64145(2)	73216(2)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
307	2	-2.63(4)	-1.37(4)	1.00(10-I-2)	-191907(4)	-64067(2)	73606(2)
307	3	-2.67(4)	-1.35(4)	1.00(10-I-2)	-192074(4)	-63932(2)	74013(2)
307	4	-2.72(4)	-1.34(4)	1.01(10-I-2)	-192102(4)	-63731(2)	74857(4)
307	5	-2.28(4)	0.47(10-II-4)	1.03(10-I-2)	-52762(13-II-4)	16599(4)	20890(2)
307	6	-2.33(4)	0.52(10-II-4)	1.04(10-I-2)	-52701(13-II-4)	15086(4)	21374(2)
307	7	-2.37(4)	0.54(10-II-4)	1.04(10-I-2)	-52643(13-II-4)	-14371(2)	21852(2)
307	8	-2.42(4)	0.56(10-II-4)	1.05(10-I-2)	-52585(13-II-4)	-13949(2)	22338(2)
307	9	-2.02(4)	0.88(11-I-4)	1.08(10-I-2)	82160(4)	66714(4)	-33701(8)
307	10	-2.06(4)	0.90(11-I-4)	1.08(10-I-2)	83094(4)	65332(4)	-33261(8)
307	11	-2.10(4)	0.91(11-I-4)	1.09(10-I-2)	84008(4)	64021(4)	-32801(8)
307	12	-2.14(4)	0.90(11-I-4)	1.10(10-I-2)	84894(4)	62775(4)	-32309(8)
307	13	-1.86(4)	1.39(5)	1.13(10-I-2)	181623(4)	104567(4)	-55950(4)
307	14	-1.91(4)	1.39(5)	1.14(10-I-2)	182611(4)	103166(4)	-55706(8)
307	15	-1.96(4)	1.38(5)	1.15(10-I-2)	183525(4)	101877(4)	-55529(8)
307	16	-2.00(4)	1.35(5)	1.17(10-I-2)	184363(4)	100721(4)	-55333(8)
308	1	-2.33(4)	-1.41(4)	1.01(11-II-4)	-187274(4)	-62297(2)	71971(2)
308	2	-2.42(4)	-1.38(4)	0.99(11-II-4)	-188760(4)	-62978(2)	72230(2)
308	3	-2.49(4)	-1.36(4)	0.99(10-I-2)	-189981(4)	-63464(2)	72506(2)
308	4	-2.54(4)	-1.34(4)	0.99(10-I-2)	-190913(4)	-63723(2)	72757(2)
308	5	-1.87(4)	-0.54(13-II-4)	1.01(10-I-2)	-53026(13-II-4)	22987(4)	19196(2)
308	6	-1.98(4)	-0.51(13-II-4)	1.02(10-I-2)	-52981(13-II-4)	22326(4)	19630(2)
308	7	-2.09(4)	-0.49(13-II-4)	1.02(10-I-2)	-52921(13-II-4)	20881(4)	20076(2)
308	8	-2.19(4)	0.50(11-I-4)	1.03(10-I-2)	-52848(13-II-4)	18602(4)	20525(2)
308	9	-1.58(4)	0.84(11-I-4)	1.02(10-I-2)	79388(11-I-4)	70415(4)	-35015(8)
308	10	-1.71(4)	0.86(11-I-4)	1.03(10-I-2)	79889(11-I-4)	70797(4)	-34814(8)
308	11	-1.83(4)	0.88(11-I-4)	1.05(10-I-2)	80321(11-I-4)	70186(4)	-34504(8)
308	12	-1.94(4)	0.91(11-I-4)	1.06(10-I-2)	80775(4)	68569(4)	-34110(8)
308	13	-1.41(11-II-3)	1.35(5)	1.04(10-I-2)	172568(4)	106801(4)	-60507(4)
308	14	-1.55(4)	1.39(5)	1.06(10-I-2)	175318(4)	107956(4)	-59210(4)
308	15	-1.68(4)	1.39(5)	1.09(10-I-2)	177813(4)	107782(4)	-57927(4)
308	16	-1.79(4)	1.41(5)	1.11(10-I-2)	180052(4)	106328(4)	-56729(4)
309	1	-1.91(5)	-1.41(4)	1.08(11-II-4)	-179158(4)	-57237(2)	71236(2)
309	2	-2.00(4)	-1.42(4)	1.06(11-II-4)	-181419(4)	-58946(2)	71360(2)
309	3	-2.12(4)	-1.42(4)	1.04(11-II-4)	-183571(4)	-60316(2)	71529(2)
309	4	-2.23(4)	-1.42(4)	1.02(11-II-4)	-185536(4)	-61418(2)	71735(2)
309	5	-1.47(11-II-2)	-0.77(4)	1.04(2)	-53002(13-II-4)	18269(4)	17621(2)
309	6	-1.52(5)	-0.70(4)	1.01(10-I-2)	-53047(13-II-4)	20550(4)	17966(2)
309	7	-1.62(4)	-0.63(4)	1.01(10-I-2)	-53062(13-II-4)	22090(4)	18360(2)
309	8	-1.75(4)	-0.56(13-II-4)	1.01(10-I-2)	-53054(13-II-4)	22904(4)	18772(2)
309	9	-1.36(11-II-2)	0.71(11-I-4)	1.01(2)	76741(11-I-4)	59188(4)	-39336(4)
309	10	-1.39(11-II-2)	0.75(11-I-4)	0.99(10-I-2)	77492(11-I-4)	63403(4)	-38436(4)
309	11	-1.42(11-II-2)	0.78(11-I-4)	1.00(10-I-2)	78187(11-I-4)	66694(4)	-37242(4)
309	12	-1.45(11-II-2)	0.81(11-I-4)	1.01(10-I-2)	78819(11-I-4)	69038(4)	-35813(4)
309	13	-1.23(11-II-2)	1.18(5)	1.01(2)	159546(4)	89409(4)	-64477(4)
309	14	-1.28(11-II-2)	1.23(5)	0.98(10-I-2)	163039(4)	95634(4)	-63813(4)
309	15	-1.32(11-II-3)	1.28(5)	1.00(10-I-2)	166397(4)	100633(4)	-62876(4)
309	16	-1.37(11-II-3)	1.32(5)	1.02(10-I-2)	169586(4)	104365(4)	-61748(4)
310	1	-1.78(5)	-1.13(4)	1.27(2)	-179326(2)	-51590(2)	69587(2)
310	2	-1.81(5)	-1.29(4)	1.21(2)	-179611(2)	-52970(2)	69906(2)
310	3	-1.84(5)	-1.34(4)	1.16(2)	-179789(2)	-54241(2)	70216(2)
310	4	-1.87(5)	-1.35(4)	1.10(11-II-4)	-179892(2)	-55437(2)	70547(2)
310	5	-1.47(11-II-2)	-0.78(4)	1.20(2)	-53452(4)	12171(4)	15799(2)
310	6	-1.47(11-II-2)	-0.85(4)	1.16(2)	-52977(13-II-4)	13352(4)	16215(2)
310	7	-1.47(11-II-2)	-0.84(4)	1.12(2)	-53014(13-II-4)	14693(4)	16608(2)
310	8	-1.46(11-II-2)	-0.80(4)	1.08(2)	-53046(13-II-4)	16205(4)	16993(2)
310	9	-1.33(11-II-2)	0.61(11-I-4)	1.16(2)	74992(11-I-4)	47339(4)	-41044(4)
310	10	-1.34(11-II-2)	0.63(11-I-4)	1.12(2)	75477(11-I-4)	49791(4)	-40753(4)
310	11	-1.34(11-II-2)	0.65(11-I-4)	1.08(2)	75945(11-I-4)	52340(4)	-40389(4)
310	12	-1.35(11-II-2)	0.66(11-I-4)	1.05(2)	76396(11-I-4)	54985(4)	-39938(4)
310	13	-1.12(11-II-2)	1.07(5)	1.13(2)	151515(4)	71846(4)	-64878(4)
310	14	-1.15(11-II-2)	1.08(5)	1.09(2)	153532(4)	75541(4)	-64832(4)
310	15	-1.18(11-II-2)	1.11(5)	1.06(2)	155527(4)	79350(4)	-64715(4)

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Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
310	16	-1.20(11-II-2)	1.14(5)	1.03(2)	157495(4)	83277(4)	-64515(4)
311	1	-1.94(2)	-0.97(4)	1.54(2)	-175305(2)	-41429(2)	67835(2)
311	2	-1.84(5)	-1.08(4)	1.46(2)	-176844(2)	-43960(2)	68411(2)
311	3	-1.80(5)	-1.19(4)	1.39(2)	-177977(2)	-46435(2)	68894(2)
311	4	-1.79(5)	-1.34(4)	1.32(2)	-178775(2)	-49019(2)	69187(2)
311	5	-1.73(11-II-2)	-1.12(4)	1.32(2)	-55284(4)	7734(10-I-3)	14690(2)
311	6	-1.62(11-II-2)	-1.08(4)	1.28(2)	-55065(4)	8081(4)	14901(2)
311	7	-1.55(11-II-2)	-1.03(4)	1.25(2)	-54661(4)	9132(4)	15208(2)
311	8	-1.50(11-II-2)	-1.03(4)	1.23(2)	-54066(4)	10575(4)	15561(2)
311	9	-1.45(11-II-2)	-0.41(13-II-4)	1.34(2)	71126(11-I-4)	34631(2)	-39589(4)
311	10	-1.39(11-II-2)	0.45(11-I-4)	1.27(2)	72225(11-I-4)	36163(4)	-40399(4)
311	11	-1.36(11-II-2)	0.51(11-I-4)	1.22(2)	73271(11-I-4)	39942(4)	-40904(4)
311	12	-1.34(11-II-2)	0.56(11-I-4)	1.19(2)	74262(11-I-4)	44022(4)	-41138(4)
311	13	1.78(13-I-2)	0.78(11-I-4)	1.30(2)	143127(2)	50951(2)	-62330(4)
311	14	1.56(13-I-2)	0.84(11-I-4)	1.22(2)	145273(2)	54387(4)	-63339(4)
311	15	1.35(13-I-2)	0.90(11-I-4)	1.18(2)	147185(2)	60438(4)	-64111(4)
311	16	1.15(13-I-2)	0.97(5)	1.15(2)	148873(2)	66725(4)	-64655(4)
312	1	-3.03(2)	-0.46(4)	1.62(2)	-162636(2)	-27581(2)	65345(2)
312	2	-2.65(2)	-0.61(4)	1.65(2)	-167150(2)	-31909(2)	65955(2)
312	3	-2.35(2)	-0.73(4)	1.64(2)	-170601(2)	-35564(2)	66583(2)
312	4	-2.12(2)	-0.85(4)	1.59(2)	-173264(2)	-38685(2)	67215(2)
312	5	-2.67(11-II-2)	-1.00(4)	1.69(1)	-54582(4)	9542(2)	15456(2)
312	6	-2.34(11-II-2)	-1.11(4)	1.56(1)	-54988(4)	9321(2)	15092(2)
312	7	-2.07(11-II-2)	-1.14(4)	1.46(2)	-55234(4)	8747(2)	14771(2)
312	8	-1.87(11-II-2)	-1.14(4)	1.38(2)	-55335(4)	7859(2)	14633(2)
312	9	-2.01(11-II-2)	-0.32(13-II-4)	2.08(5)	66126(11-I-4)	24595(2)	-33796(4)
312	10	-1.81(11-II-2)	-0.39(13-II-4)	1.82(5)	67487(11-I-4)	28389(2)	-35430(4)
312	11	-1.65(11-II-2)	-0.41(13-II-4)	1.61(5)	68763(11-I-4)	31340(2)	-37053(4)
312	12	-1.53(11-II-2)	-0.42(13-II-4)	1.44(2)	69973(11-I-4)	33425(2)	-38466(4)
312	13	2.74(13-I-2)	0.43(11-I-4)	2.14(4)	132281(2)	31785(2)	-56174(4)
312	14	2.48(13-I-2)	0.54(11-I-4)	1.85(4)	135351(2)	38431(2)	-57931(4)
312	15	2.24(13-I-2)	0.63(11-I-4)	1.60(4)	138167(2)	43828(2)	-59602(4)
312	16	2.00(13-I-2)	0.71(11-I-4)	1.41(2)	140758(2)	47993(2)	-61081(4)
313	1	-2.06(10-I-3)	1.31(4)	-0.26(4)	220405(4)	42143(2)	-74067(2)
313	2	-2.15(10-I-4)	1.29(4)	0.36(11-I-2)	218719(4)	43865(2)	-75220(2)
313	3	-2.22(10-I-4)	1.26(4)	0.53(11-I-2)	216704(4)	48646(4)	-76327(2)
313	4	-2.27(10-I-4)	1.23(4)	0.74(2)	214399(4)	55670(4)	-77312(2)
313	5	-3.00(10-I-3)	0.44(13-II-2)	-0.50(13-II-2)	124645(4)	20985(2)	-65221(2)
313	6	-2.98(10-I-3)	0.43(13-II-2)	0.47(11-I-2)	119043(4)	22772(2)	-65649(2)
313	7	-2.96(10-I-3)	0.43(13-II-2)	0.62(11-I-2)	113629(4)	24157(2)	-65664(2)
313	8	-2.92(10-I-3)	-0.47(11-I-2)	0.74(11-I-2)	108532(4)	27814(4)	-65277(2)
313	9	-3.91(11-I-4)	-1.13(11-I-2)	-0.70(13-II-2)	-81429(11-I-4)	-26325(8)	-36044(2)
313	10	-3.74(11-I-4)	-1.21(11-I-2)	-0.61(13-II-2)	-84351(11-I-4)	-24808(8)	-33534(2)
313	11	-3.59(11-I-4)	-1.26(11-I-2)	0.61(11-I-2)	-86334(11-I-4)	-23068(8)	-30877(2)
313	12	-3.49(10-I-3)	-1.32(11-I-2)	0.68(11-I-2)	-87546(11-I-4)	-21938(13-I-3)	-28132(2)
313	13	-4.55(1)	-2.15(2)	-0.95(13-II-2)	-238814(4)	-81757(4)	66366(4)
313	14	-4.31(1)	-2.13(2)	-0.88(13-II-2)	-236688(4)	-77888(4)	68254(4)
313	15	-4.13(11-I-4)	-2.11(2)	-0.82(13-II-2)	-234671(4)	-74057(4)	69857(4)
313	16	-3.98(11-I-4)	-2.17(2)	-0.77(13-II-2)	-232829(4)	-70205(4)	71151(4)
314	1	2.36(12-II-3)	1.06(4)	-1.43(5)	223580(4)	26194(2)	-70527(2)
314	2	1.91(12-II-3)	1.23(4)	-1.09(5)	223001(4)	32148(2)	-71786(2)
314	3	-1.79(10-I-3)	1.30(4)	-0.77(5)	222213(4)	36803(2)	-72796(2)
314	4	-1.94(10-I-3)	1.32(4)	-0.49(4)	221129(4)	40379(2)	-73827(2)
314	5	-2.87(10-I-3)	0.68(4)	-1.89(5)	145095(4)	12256(2)	-59628(2)
314	6	-2.95(10-I-3)	0.57(4)	-1.44(4)	140707(4)	14856(2)	-61975(2)
314	7	-3.00(10-I-3)	0.51(4)	-1.06(4)	135558(4)	17286(2)	-63688(2)
314	8	-3.01(10-I-3)	0.44(13-II-2)	-0.74(4)	129913(4)	19595(2)	-64919(2)
314	9	-4.88(11-I-4)	-0.42(11-I-2)	-1.82(4)	-56507(11-I-4)	-27302(4)	-41268(2)
314	10	-4.61(11-I-4)	-0.70(11-I-2)	-1.37(4)	-65001(11-I-4)	-28522(4)	-41264(2)
314	11	-4.34(11-I-4)	-0.89(11-I-2)	-1.02(4)	-71968(11-I-4)	-27731(8)	-40100(2)
314	12	-4.11(11-I-4)	-1.04(11-I-2)	-0.81(13-II-2)	-77442(11-I-4)	-27309(8)	-38191(2)
314	13	-5.88(11-I-4)	-1.97(2)	-1.33(5)	-245670(1)	-97332(4)	58791(4)

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Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
314	14	-5.42(1)	-2.15(2)	-1.18(5)	-244074(4)	-94047(4)	60604(4)
314	15	-5.09(1)	-2.20(2)	-1.09(13-II-2)	-242377(4)	-90311(4)	62799(4)
314	16	-4.81(1)	-2.20(2)	-1.02(13-II-2)	-240265(4)	-86382(4)	65048(4)
315	1	-5.96(2)	6.51(2)	1.17(11-I-4)	-88585(2)	4905(13-II-4)	62776(2)
315	2	-5.33(2)	0.60(2)	0.93(2)	-127066(2)	-2758(10-II-4)	62381(2)
315	3	-4.34(2)	-0.45(5)	1.29(2)	-145863(2)	-11994(2)	62914(2)
315	4	-3.58(2)	-0.54(5)	1.49(2)	-156673(2)	-20502(2)	63682(2)
315	5	-7.23(2)	3.21(4)	2.45(2)	-51539(2)	4434(4)	-23107(4)
315	6	-5.42(2)	0.80(2)	2.40(2)	-53822(2)	9040(4)	-10192(13-I-1)
315	7	-4.19(2)	-0.42(4)	2.11(1)	-54051(2)	9942(4)	13185(2)
315	8	-3.24(2)	-0.92(4)	1.85(1)	-53862(4)	9566(2)	15049(2)
315	9	-3.65(11-II-2)	-2.81(4)	2.88(2)	57070(11-I-4)	6374(4)	-57179(4)
315	10	-3.22(11-II-2)	0.20(12-II-4)	3.27(2)	60612(11-I-4)	10984(4)	-39020(4)
315	11	-2.72(11-II-2)	0.23(11-I-4)	2.85(5)	62814(11-I-4)	14806(2)	-32846(4)
315	12	-2.32(11-II-2)	-0.24(13-II-4)	2.42(5)	64755(11-I-4)	19628(2)	-32333(4)
315	13	3.89(13-I-2)	-1.50(2)	3.17(2)	109627(2)	6070(4)	-71480(4)
315	14	3.63(13-I-2)	-0.90(4)	3.77(4)	117858(2)	6829(4)	-56316(4)
315	15	3.33(13-I-2)	0.12(10-II-4)	3.09(4)	124195(2)	13981(2)	-52777(4)
315	16	3.01(13-I-2)	0.32(11-I-4)	2.54(4)	128979(2)	22871(2)	-53657(4)
316	1	4.89(13-I-2)	0.58(4)	2.92(5)	149738(2)	-6506(4)	-68235(4)
316	2	4.76(7)	0.44(4)	3.49(4)	164800(2)	2948(2)	-63803(4)
316	3	4.12(7)	0.49(2)	2.63(4)	172620(2)	14212(2)	-64592(4)
316	4	3.55(13-I-2)	0.73(2)	2.27(4)	177407(2)	25449(2)	-65853(4)
316	5	5.14(7)	1.13(4)	2.22(5)	174066(2)	-3012(4)	-67849(4)
316	6	5.53(7)	0.54(4)	2.34(4)	188725(2)	8022(2)	-68666(4)
316	7	4.59(7)	0.47(1)	2.31(4)	195141(2)	18232(2)	-68818(4)
316	8	4.00(7)	0.69(1)	1.97(4)	199934(5)	28399(2)	-69809(4)
316	9	6.63(7)	0.36(4)	1.51(5)	204202(2)	10953(4)	-64450(4)
316	10	5.45(7)	-0.22(4)	2.17(4)	209779(5)	13890(2)	-67126(4)
316	11	5.04(7)	0.50(1)	1.92(4)	215887(5)	20533(2)	-69044(4)
316	12	4.45(7)	0.78(5)	1.55(4)	220984(5)	29501(2)	-71408(4)
316	13	7.93(7)	-1.00(4)	1.13(4)	220761(5)	7102(2)	-57289(4)
316	14	6.55(7)	0.15(12-II-4)	2.14(4)	227017(5)	10384(2)	-63196(4)
316	15	5.60(7)	0.70(5)	1.48(4)	232787(5)	18281(2)	-68414(4)
316	16	4.79(7)	0.94(5)	1.10(4)	237321(5)	28622(2)	-72115(4)
317	1	8.28(7)	-0.76(4)	0.60(13-II-4)	226383(5)	-5173(4)	-51643(4)
317	2	7.15(7)	0.59(4)	1.37(4)	238171(5)	4887(2)	-61927(4)
317	3	6.02(7)	0.70(4)	0.83(4)	244453(5)	16079(2)	-68431(4)
317	4	4.93(7)	1.01(4)	0.65(4)	248500(5)	27509(1)	-71918(4)
317	5	7.85(7)	0.60(4)	-0.93(11-I-4)	233046(5)	-3135(4)	-45038(4)
317	6	7.15(7)	0.66(4)	-0.61(11-I-4)	245811(5)	6544(2)	-60040(4)
317	7	5.87(7)	0.74(4)	-0.46(11-I-4)	251151(4)	15591(2)	-66324(4)
317	8	4.85(7)	0.99(4)	-0.40(11-I-4)	256149(4)	25614(2)	-70003(4)
317	9	8.33(4)	-0.12(4)	-1.36(11-I-4)	242733(4)	5804(2)	-33917(4)
317	10	6.49(7)	0.21(12-II-3)	-0.97(11-I-4)	249247(4)	6170(2)	-52264(4)
317	11	5.59(7)	0.72(4)	-0.83(11-I-4)	255403(4)	12407(2)	-61993(4)
317	12	4.54(7)	1.07(4)	-0.66(11-I-4)	259080(4)	22038(2)	-67502(4)
317	13	8.52(4)	-0.65(4)	-1.98(1)	241133(4)	-6979(4)	-17491(4)
317	14	6.44(4)	0.87(4)	-1.13(11-I-4)	250371(4)	-4503(4)	-47011(4)
317	15	5.26(4)	0.62(4)	-1.06(11-I-4)	252766(4)	7908(2)	-60499(2)
317	16	4.14(7)	1.04(4)	-0.95(5)	254202(4)	18793(2)	-67321(2)
318	1	6.61(4)	-2.00(4)	-2.88(1)	213817(4)	-2785(4)	-9199(13-II-2)
318	2	5.31(4)	-0.12(11-I-2)	-2.50(1)	221103(4)	1770(2)	-43701(2)
318	3	3.96(4)	0.85(4)	-2.10(5)	224246(4)	8851(2)	-60218(2)
318	4	2.94(12-II-3)	0.97(4)	-1.76(5)	224599(4)	17520(2)	-66924(2)
318	5	3.64(12-II-3)	-6.82(4)	-4.67(5)	155749(4)	-1023(13-I-4)	31523(4)
318	6	2.65(12-II-3)	-0.74(4)	-4.06(5)	156101(4)	-1901(13-I-4)	-27143(2)
318	7	-2.46(10-I-3)	0.67(4)	-3.18(5)	152666(4)	5455(2)	-47018(2)
318	8	-2.71(10-I-3)	0.73(4)	-2.46(5)	149284(4)	8563(2)	-55064(2)
318	9	-5.39(11-I-4)	-1.50(2)	-5.49(2)	49023(2)	14465(1)	60509(4)
318	10	-5.52(11-I-4)	-1.43(4)	-4.71(2)	44505(13-II-4)	4593(2)	-10596(2)
318	11	-5.44(11-I-4)	-0.51(4)	-3.56(4)	39699(13-II-4)	-13782(4)	-31362(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
318	12	-5.18(11-I-4)	-0.39(11-I-2)	-2.54(4)	-45368(11-I-4)	-23444(4)	-38943(2)
318	13	-10.75(1)	9.31(4)	-2.31(4)	-144311(1)	-74716(1)	44298(4)
318	14	-9.07(11-I-4)	2.07(4)	-1.70(2)	-217012(1)	-95916(1)	56529(4)
318	15	-7.66(11-I-4)	-1.14(11-I-2)	-1.57(2)	-240903(1)	-98432(1)	55585(4)
318	16	-6.59(11-I-4)	-1.82(2)	-1.50(2)	-247034(1)	-98147(4)	55933(4)
319	1	-22.18(4)	-1.78(4)	-1.30(10-II-1)	-97240(4)	-10195(10-I-3)	-12465(11-I-4)
319	2	-20.43(4)	-1.69(4)	-1.49(10-II-1)	-89985(4)	-9439(10-I-3)	-13630(4)
319	3	-18.41(4)	-1.66(4)	-1.69(10-II-1)	-81215(4)	-9182(10-I-3)	-15075(4)
319	4	-16.58(4)	-1.43(4)	-1.99(10-II-1)	-62426(4)	-6591(10-I-3)	-14165(10-II-1)
319	5	-17.19(4)	-1.61(4)	-2.27(10-II-1)	-55780(13-II-1)	-5581(13-II-2)	-12319(10-II-1)
319	6	-17.18(4)	-1.63(4)	-2.50(10-II-1)	-55409(13-II-1)	-5365(13-II-2)	-10442(10-II-1)
319	7	-16.50(4)	-1.51(8)	-2.84(10-II-1)	-62183(4)	-6246(2)	9334(12-I-1)
319	8	-18.44(4)	-1.78(10-I-3)	-2.79(10-II-1)	-81632(4)	-8520(2)	9559(12-I-1)
319	9	-20.45(4)	-1.86(10-I-3)	-2.50(10-II-1)	-90377(4)	-8685(4)	7133(12-I-1)
319	10	-22.19(4)	-2.01(10-I-3)	-2.15(4)	-97674(4)	-9188(4)	5126(13-I-2)
319	11	-23.35(4)	-2.08(10-I-3)	-1.91(4)	-102715(4)	-9273(4)	-6427(11-II-2)
319	12	-24.04(4)	-2.03(10-I-3)	-1.69(10-I-3)	-106015(4)	-8462(4)	-6610(11-II-2)
319	13	-23.96(4)	-1.81(10-I-3)	-1.44(10-I-3)	-105490(4)	-9757(10-I-3)	-8150(10-I-3)
319	14	-23.32(4)	-1.77(4)	-1.33(11-II-2)	-102148(4)	-10579(10-I-3)	-10996(11-I-4)
319	15	-18.19(4)	-1.35(13-II-2)	-2.33(10-II-1)	-70839(4)	-8710(4)	-10131(10-II-1)
320	1	-22.51(4)	-2.06(4)	-1.84(10-II-1)	-96974(4)	-8672(10-I-3)	-12838(4)
320	2	-20.66(4)	-2.02(4)	-2.01(10-II-1)	-89533(4)	-8288(4)	-14302(4)
320	3	-18.47(4)	-1.95(4)	-2.16(10-II-1)	-81160(4)	-7958(8)	-16670(2)
320	4	-16.24(4)	-1.78(2)	-2.50(10-II-1)	-65448(2)	-6528(4)	-16194(10-II-1)
320	5	-16.53(4)	-1.74(2)	-2.66(10-II-1)	-59018(2)	-6406(4)	-13751(10-II-1)
320	6	-16.53(2)	-1.74(2)	-2.80(10-II-1)	-59151(2)	-6853(2)	-10285(10-II-1)
320	7	-16.25(2)	-1.77(4)	-2.96(10-II-1)	-65725(2)	-7491(2)	8731(12-I-1)
320	8	-18.46(4)	-1.97(4)	-2.93(10-II-1)	-81146(4)	-9004(2)	8035(12-I-1)
320	9	-20.65(4)	-2.02(4)	-2.65(10-II-1)	-89606(4)	-9035(2)	-6398(10-II-1)
320	10	-22.52(4)	-2.06(4)	-2.39(5)	-97096(4)	-9288(4)	-6121(10-II-1)
320	11	-23.77(4)	-2.01(4)	-2.29(4)	-102478(4)	-9148(4)	-7409(11-II-2)
320	12	-24.56(4)	-1.87(4)	-2.12(4)	-106163(4)	-8476(4)	-7736(4)
320	13	-24.52(4)	-1.88(4)	-1.89(4)	-105902(4)	-8651(10-I-3)	-9247(4)
320	14	-23.75(4)	-2.01(4)	-1.83(4)	-102287(4)	-9087(10-I-3)	-11327(11-I-4)
320	15	-17.72(4)	-1.76(2)	-2.64(10-II-1)	-75171(4)	-9063(4)	-11216(10-II-1)
321	1	-22.27(4)	-1.98(4)	-1.52(10-II-1)	-97725(4)	-10483(10-I-3)	-13331(11-I-4)
321	2	-20.50(4)	-1.91(4)	-1.69(10-II-1)	-90365(4)	-9681(10-I-3)	-15002(4)
321	3	-18.46(4)	-1.88(4)	-1.89(10-II-1)	-81565(4)	-9468(10-I-3)	-16522(4)
321	4	-16.51(4)	-1.65(4)	-2.21(10-II-1)	-61968(4)	-6846(10-I-3)	-15453(10-II-1)
321	5	-17.19(4)	-1.80(4)	-2.51(10-II-1)	-54813(13-II-1)	-5910(13-II-2)	-13464(10-II-1)
321	6	-17.20(4)	-1.80(4)	-2.75(10-II-1)	-54535(13-II-1)	-5801(2)	-11446(10-II-1)
321	7	-16.53(4)	-1.66(4)	-3.09(10-II-1)	-62587(2)	-6843(2)	8497(12-I-1)
321	8	-18.47(4)	-1.89(4)	-3.04(10-II-1)	-81729(4)	-9314(2)	8810(12-I-1)
321	9	-20.52(4)	-1.90(4)	-2.76(5)	-90629(4)	-9530(2)	6475(12-I-1)
321	10	-22.32(4)	-1.96(10-I-3)	-2.49(4)	-98210(4)	-9720(2)	-5581(11-II-2)
321	11	-23.53(4)	-2.02(10-I-3)	-2.25(4)	-103477(4)	-9562(4)	-7009(11-II-2)
321	12	-24.27(4)	-1.96(10-I-3)	-1.96(4)	-107075(4)	-8793(4)	-7133(11-II-2)
321	13	-24.15(4)	-1.85(4)	-1.57(4)	-106412(4)	-9892(10-I-3)	-8683(10-I-3)
321	14	-23.46(4)	-1.97(4)	-1.45(11-II-2)	-102847(4)	-10929(10-I-3)	-11844(11-I-4)
321	15	-18.21(4)	-1.48(4)	-2.57(10-II-1)	-70824(4)	-9597(4)	-11116(10-II-1)
322	1	-16.87(4)	-1.40(10-I-3)	-2.49(10-II-1)	-61470(13-II-1)	-4715(13-II-2)	-8062(10-II-1)
322	2	-16.81(4)	-1.23(12-I-3)	-1.93(10-II-1)	-61763(13-II-1)	-5212(10-I-3)	-11909(10-II-1)
322	3	-18.67(4)	-1.60(10-I-3)	-2.49(10-II-1)	-80040(4)	-6373(4)	9031(12-I-1)
322	4	-18.63(4)	-1.33(10-I-3)	-1.50(10-II-1)	-79531(4)	-7668(10-I-3)	-13244(4)
322	5	-20.53(4)	-1.77(10-I-3)	-2.20(10-II-1)	-90235(4)	-7222(4)	7171(12-I-1)
322	6	-20.48(4)	-1.47(10-I-3)	-1.28(10-II-1)	-89653(4)	-8491(10-I-3)	-12911(11-I-4)
322	7	-22.04(4)	-1.88(10-I-3)	-1.93(11-I-4)	-97025(4)	-7504(4)	5626(13-I-2)
322	8	-21.97(4)	-1.57(10-I-3)	-1.10(10-II-1)	-96344(4)	-9001(10-I-3)	-11953(11-I-4)
322	9	-23.11(4)	-1.94(10-I-3)	-1.76(11-I-4)	-101697(4)	-7598(4)	-5765(11-II-2)
322	10	-23.04(4)	-1.63(10-I-3)	-1.18(11-II-2)	-100927(4)	-9328(10-I-3)	-10451(11-I-4)
322	11	-23.73(4)	-1.91(10-I-3)	-1.60(10-I-3)	-104636(4)	-7437(10-I-2)	-5814(11-II-2)
322	12	-23.61(4)	-1.69(10-I-3)	-1.35(10-I-3)	-103954(4)	-8765(10-I-3)	-7607(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
323	1	-16.74(4)	-1.29(10-I-3)	-2.24(10-II-1)	-61998(13-II-1)	-4294(13-II-2)	7584(12-I-1)
323	2	-16.67(4)	-1.11(10-I-3)	-1.69(10-II-1)	-62220(13-II-2)	-4281(10-I-3)	-10621(10-II-1)
323	3	-18.54(4)	-1.43(10-I-3)	-2.24(10-II-1)	-79355(4)	-5461(4)	9519(12-I-1)
323	4	-18.50(4)	-1.17(10-I-3)	1.41(12-I-1)	-78820(4)	-6190(10-I-3)	-12246(11-I-4)
323	5	-20.39(4)	-1.54(10-I-3)	-1.96(10-II-1)	-89603(4)	-6123(4)	7839(12-I-1)
323	6	-20.35(4)	-1.25(10-I-3)	-1.08(10-II-1)	-89072(4)	-6682(10-I-3)	-12298(11-I-4)
323	7	-21.87(4)	-1.63(10-I-3)	-1.74(11-I-4)	-96356(4)	-6366(4)	6770(13-I-2)
323	8	-21.83(4)	-1.32(10-I-3)	-0.93(10-II-1)	-95780(4)	-7005(10-I-3)	-11398(11-I-4)
323	9	-22.91(4)	-1.68(10-I-3)	-1.60(11-I-4)	-100924(4)	-6476(8)	-5528(11-II-2)
323	10	-22.87(4)	-1.37(10-I-3)	-1.12(11-II-2)	-100282(4)	-7251(10-I-3)	-9903(11-I-4)
323	11	-23.51(4)	-1.67(10-I-3)	-1.51(10-I-3)	-103730(4)	-6928(10-I-2)	-5573(11-II-2)
323	12	-23.42(4)	-1.41(10-I-3)	-1.26(10-I-3)	-103169(4)	-7020(10-I-3)	-7043(10-I-3)
324	1	-8.84(4)	-0.87(4)	-1.22(10-II-1)	-180564(13-I-3)	-21519(13-I-3)	7922(10-I-3)
324	2	-8.73(4)	-0.84(4)	-1.17(10-II-1)	-179642(13-I-3)	-21144(13-I-3)	8023(10-I-3)
324	3	-8.62(4)	-0.80(8)	-1.11(10-II-1)	-178717(13-I-3)	-20677(13-I-3)	8216(10-I-3)
324	4	-8.50(4)	-0.76(8)	-1.04(10-II-1)	-177821(13-I-3)	-20086(13-I-3)	8428(10-I-3)
324	5	-8.77(4)	-0.82(4)	-1.24(10-II-1)	-169864(13-I-3)	-19971(13-I-3)	8278(10-I-3)
324	6	-8.66(4)	-0.79(4)	-1.18(10-II-1)	-169030(13-I-3)	-19539(13-I-3)	8391(10-I-3)
324	7	-8.55(4)	-0.75(8)	-1.13(10-II-1)	-168193(13-I-3)	-19013(13-I-3)	8566(10-I-3)
324	8	-8.44(4)	-0.71(8)	-1.06(10-II-1)	-167368(13-I-3)	-18363(13-I-3)	8783(10-I-3)
324	9	-8.69(4)	-0.79(4)	-1.26(10-II-1)	-159829(13-I-3)	-18484(13-I-3)	8604(10-I-3)
324	10	-8.59(4)	-0.74(4)	-1.20(10-II-1)	-159058(13-I-3)	-18032(13-I-3)	8726(10-I-3)
324	11	-8.49(4)	-0.70(8)	-1.14(10-II-1)	-158302(13-I-3)	-17462(13-I-3)	8887(10-I-3)
324	12	-8.37(4)	-0.66(8)	-1.09(10-II-1)	-157564(13-I-3)	-16739(13-I-3)	9100(10-I-3)
324	13	-8.62(4)	-0.74(4)	-1.27(10-II-1)	-150435(13-I-3)	-17092(13-I-3)	8874(10-I-3)
324	14	-8.52(4)	-0.70(8)	-1.21(10-II-1)	-149724(13-I-3)	-16596(13-I-3)	9007(10-I-3)
324	15	-8.41(4)	-0.66(8)	-1.16(10-II-1)	-149005(13-I-3)	-15985(13-I-3)	9187(10-I-3)
324	16	-8.31(4)	-0.61(8)	-1.10(10-II-1)	-148337(13-I-3)	-15228(13-I-3)	9390(10-I-3)
325	1	-8.55(4)	-0.71(4)	-1.30(10-II-1)	-141684(13-I-3)	-15813(13-I-3)	9114(10-I-3)
325	2	-8.45(4)	-0.66(4)	-1.24(10-II-1)	-141038(13-I-3)	-15231(13-I-3)	9255(10-I-3)
325	3	-8.35(4)	-0.62(8)	-1.18(10-II-1)	-140389(13-I-3)	-14584(13-I-3)	9424(10-I-3)
325	4	-8.24(4)	-0.57(8)	-1.12(10-II-1)	-139787(13-I-3)	-13848(13-I-3)	9611(10-I-3)
325	5	-8.47(4)	-0.68(4)	-1.31(10-II-1)	-133555(13-I-3)	-14595(13-I-3)	9320(10-I-3)
325	6	-8.38(4)	-0.63(4)	-1.26(10-II-1)	-132961(13-I-3)	-13986(13-I-3)	9457(10-I-3)
325	7	-8.27(4)	-0.58(8)	-1.20(10-II-1)	-132402(13-I-3)	-13312(13-I-3)	9602(10-I-3)
325	8	-8.17(4)	-0.53(8)	-1.14(10-II-1)	-131873(13-I-3)	-12558(13-I-3)	9771(10-I-3)
325	9	-8.39(4)	-0.66(4)	-1.33(10-II-1)	-125966(13-I-3)	-13440(13-I-3)	9471(10-I-3)
325	10	-8.30(4)	-0.61(4)	-1.28(10-II-1)	-125414(13-I-3)	-12836(13-I-3)	9599(10-I-3)
325	11	-8.20(4)	-0.56(8)	-1.22(10-II-1)	-124903(13-I-3)	-12144(13-I-3)	9741(10-I-3)
325	12	-8.10(4)	-0.50(8)	-1.16(10-II-1)	-124438(13-I-3)	-11354(13-I-3)	9894(10-I-3)
325	13	-8.32(4)	-0.64(4)	-1.34(10-II-1)	-118859(13-I-3)	-12368(13-I-3)	9581(10-I-3)
325	14	-8.22(4)	-0.59(4)	-1.29(10-II-1)	-118351(13-I-3)	-11753(13-I-3)	9699(10-I-3)
325	15	-8.13(4)	-0.53(8)	-1.23(10-II-1)	-117884(13-I-3)	-11052(13-I-3)	9827(10-I-3)
325	16	-8.03(4)	-0.48(8)	-1.17(10-II-1)	-117471(13-I-3)	-10253(13-I-3)	9961(10-I-3)
326	1	-8.24(4)	-0.63(4)	-1.36(10-II-1)	-112212(13-I-3)	-11371(13-I-3)	9646(10-I-3)
326	2	-8.15(4)	-0.57(4)	-1.30(10-II-1)	-111743(13-I-3)	-10747(13-I-3)	9753(10-I-3)
326	3	-8.05(4)	-0.52(8)	-1.25(10-II-1)	-111318(13-I-3)	-10041(13-I-3)	9865(10-I-3)
326	4	-7.95(4)	-0.46(8)	-1.18(10-II-1)	-110947(13-I-3)	-9245(13-I-3)	9978(10-I-3)
326	5	-8.15(4)	-0.62(4)	-1.37(10-II-1)	-106012(13-I-3)	-10447(13-I-3)	9669(10-I-3)
326	6	-8.07(4)	-0.56(4)	-1.32(10-II-1)	-105577(13-I-3)	-9817(13-I-3)	9763(10-I-3)
326	7	-7.97(4)	-0.50(8)	-1.26(10-II-1)	-105186(13-I-3)	-9113(13-I-3)	9858(10-I-3)
326	8	-7.88(4)	-0.45(8)	-1.19(10-II-1)	-104851(13-I-3)	-8326(13-I-3)	9949(10-I-3)
326	9	-8.07(4)	-0.61(4)	-1.38(10-II-1)	-106426(4)	-9595(13-I-3)	9649(10-I-3)
326	10	-7.99(4)	-0.55(4)	-1.33(10-II-1)	-105781(4)	-8964(13-I-3)	9730(10-I-3)
326	11	-7.89(4)	-0.50(8)	-1.27(10-II-1)	-105207(4)	-8265(13-I-3)	9808(10-I-3)
326	12	-7.80(4)	-0.44(8)	-1.20(10-II-1)	-104715(4)	-7493(13-I-3)	9877(10-I-3)
326	13	-7.99(4)	-0.61(4)	-1.39(10-II-1)	-108189(4)	-9522(4)	9589(10-I-3)
326	14	-7.90(4)	-0.55(4)	-1.34(10-II-1)	-107580(4)	-8714(4)	9656(10-I-3)
326	15	-7.81(4)	-0.49(8)	-1.28(10-II-1)	-107045(4)	-7869(12-I-2)	9716(10-I-3)
326	16	-7.72(4)	-0.44(8)	-1.21(10-II-1)	-106596(4)	-7332(12-I-2)	9763(10-I-3)
327	1	-7.90(4)	-0.61(4)	-1.40(10-II-1)	-110483(4)	-9714(4)	9490(10-I-3)
327	2	-7.82(4)	-0.56(4)	-1.35(10-II-1)	-109902(4)	-8902(4)	9543(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
327	3	-7.73(4)	-0.49(4)	-1.29(10-II-1)	-109399(4)	-8043(4)	9584(10-I-3)
327	4	-7.64(4)	-0.44(8)	-1.22(10-II-1)	-108985(4)	-7246(12-I-2)	9610(10-I-3)
327	5	-7.82(4)	-0.62(4)	-1.41(10-II-1)	-113283(4)	-9999(4)	9353(10-I-3)
327	6	-7.73(4)	-0.56(4)	-1.36(10-II-1)	-112722(4)	-9187(4)	9391(10-I-3)
327	7	-7.65(4)	-0.50(4)	-1.30(10-II-1)	-112243(4)	-8329(4)	9414(10-I-3)
327	8	-7.56(4)	-0.44(8)	-1.23(10-II-4)	-111857(4)	-7423(4)	9419(10-I-3)
327	9	-7.73(4)	-0.63(4)	-1.41(10-II-1)	-116565(4)	-10376(4)	9180(10-I-3)
327	10	-7.65(4)	-0.57(4)	-1.36(10-II-1)	-116015(4)	-9569(4)	9203(10-I-3)
327	11	-7.57(4)	-0.51(4)	-1.31(10-II-1)	-115551(4)	-8715(4)	9207(10-I-3)
327	12	-7.48(4)	-0.45(8)	-1.24(10-II-4)	-115187(4)	-7811(4)	9191(10-I-3)
327	13	-7.64(4)	-0.65(4)	-1.42(10-II-1)	-120304(4)	-10842(4)	8972(10-I-3)
327	14	-7.56(4)	-0.59(4)	-1.37(10-II-1)	-119755(4)	-10045(4)	8979(10-I-3)
327	15	-7.48(4)	-0.53(4)	-1.31(10-II-1)	-119299(4)	-9200(4)	8965(10-I-3)
327	16	-7.40(4)	-0.47(4)	-1.25(10-II-4)	-118948(4)	-8302(4)	8927(10-I-3)
328	1	-6.79(4)	-0.88(4)	-1.39(10-II-1)	-168871(4)	-18459(4)	10496(4)
328	2	-6.71(4)	-0.86(4)	-1.36(10-II-1)	-167677(4)	-18127(4)	9912(4)
328	3	-6.64(4)	-0.82(4)	-1.33(10-II-1)	-166680(4)	-17736(4)	9111(4)
328	4	-6.60(4)	-0.77(4)	-1.30(10-II-4)	-165963(4)	-17238(4)	8129(4)
328	5	-6.73(4)	-0.90(4)	-1.38(10-II-1)	-172649(4)	-19111(4)	10836(4)
328	6	-6.65(4)	-0.88(4)	-1.36(10-II-1)	-171340(4)	-18852(4)	10214(4)
328	7	-6.59(4)	-0.84(4)	-1.33(10-II-1)	-170250(4)	-18530(4)	9347(4)
328	8	-6.55(4)	-0.79(4)	-1.30(10-II-4)	-169466(4)	-18086(4)	8279(4)
328	9	-6.68(4)	-0.92(4)	-1.38(10-II-1)	-176493(4)	-19776(4)	11197(4)
328	10	-6.58(4)	-0.90(4)	-1.35(10-II-1)	-175054(4)	-19600(4)	10537(4)
328	11	-6.52(4)	-0.87(4)	-1.33(10-II-1)	-173859(4)	-19351(4)	9598(4)
328	12	-6.49(4)	-0.81(4)	-1.30(10-II-4)	-173006(4)	-18964(4)	8444(4)
328	13	-6.62(4)	-0.94(4)	-1.37(10-II-1)	-180402(4)	-20447(4)	11578(4)
328	14	-6.50(4)	-0.93(4)	-1.34(10-II-1)	-178810(4)	-20369(4)	10881(4)
328	15	-6.45(4)	-0.89(4)	-1.33(10-II-1)	-177504(4)	-20200(4)	9860(4)
328	16	-6.45(4)	-0.84(4)	-1.30(10-II-1)	-176581(4)	-19861(4)	8623(4)
329	1	-9.29(4)	-1.10(4)	-1.12(10-II-1)	-233635(11-I-3)	-28951(11-I-3)	-6337(12-II-3)
329	2	-8.89(4)	-1.09(4)	-1.19(10-II-1)	-230519(11-I-3)	-28766(11-I-3)	6306(10-I-3)
329	3	-8.77(4)	-1.08(4)	-0.94(10-II-1)	-228832(11-I-3)	-28520(11-I-3)	7637(10-I-3)
329	4	-8.90(4)	-1.05(4)	-0.99(10-II-1)	-228493(11-I-3)	-28231(11-I-3)	7716(10-I-3)
329	5	-9.14(4)	-1.00(4)	-1.17(10-II-1)	-217153(13-I-3)	-26569(11-I-3)	6601(10-I-3)
329	6	-8.88(4)	-1.05(4)	-1.14(10-II-1)	-215327(13-I-3)	-26611(13-I-3)	6692(10-I-3)
329	7	-8.76(4)	-1.02(4)	-1.02(10-II-1)	-214117(13-I-3)	-26344(13-I-3)	7506(10-I-3)
329	8	-8.76(4)	-0.93(4)	-0.98(10-II-1)	-213525(13-I-3)	-25789(13-I-3)	7632(10-I-3)
329	9	-9.02(4)	-0.95(4)	-1.18(10-II-1)	-204168(13-I-3)	-24818(13-I-3)	7103(10-I-3)
329	10	-8.84(4)	-0.97(4)	-1.14(10-II-1)	-202867(13-I-3)	-24670(13-I-3)	7172(10-I-3)
329	11	-8.73(4)	-0.94(4)	-1.06(10-II-1)	-201721(13-I-3)	-24342(13-I-3)	7599(10-I-3)
329	12	-8.66(4)	-0.87(4)	-1.00(10-II-1)	-200846(13-I-3)	-23811(13-I-3)	7770(10-I-3)
329	13	-8.93(4)	-0.91(4)	-1.20(10-II-1)	-191975(13-I-3)	-23136(13-I-3)	7534(10-I-3)
329	14	-8.79(4)	-0.90(4)	-1.15(10-II-1)	-190920(13-I-3)	-22848(13-I-3)	7620(10-I-3)
329	15	-8.68(4)	-0.86(4)	-1.09(10-II-1)	-189894(13-I-3)	-22451(13-I-3)	7871(10-I-3)
329	16	-8.57(4)	-0.82(8)	-1.02(10-II-1)	-188964(13-I-3)	-21905(13-I-3)	8071(10-I-3)
330	1	-6.51(4)	-0.98(4)	-1.34(10-II-1)	-188182(4)	-21763(4)	12411(4)
330	2	-6.38(4)	-0.99(4)	-1.33(10-II-1)	-186180(4)	-21926(4)	11614(4)
330	3	-6.32(4)	-0.95(4)	-1.33(10-II-1)	-184633(4)	-21931(4)	10384(4)
330	4	-6.32(4)	-0.88(4)	-1.31(10-II-1)	-183631(4)	-21676(4)	8951(4)
330	5	-6.35(4)	-1.05(4)	-1.28(10-II-1)	-199942(4)	-23527(4)	13692(4)
330	6	-6.12(4)	-1.12(4)	-1.31(10-II-1)	-196948(4)	-24337(4)	12710(4)
330	7	-6.08(4)	-1.05(4)	-1.35(10-II-1)	-195050(4)	-24577(4)	10890(4)
330	8	-6.15(4)	-0.91(4)	-1.33(10-II-1)	-194323(4)	-24189(4)	9209(4)
330	9	-6.20(4)	-1.12(4)	-1.15(10-II-1)	-212241(4)	-25027(4)	15082(4)
330	10	-5.76(4)	-1.29(4)	-1.31(10-II-1)	-206782(4)	-27014(4)	13230(4)
330	11	-5.76(4)	-1.09(4)	-1.45(10-II-1)	-205193(4)	-26750(4)	9871(4)
330	12	-6.01(4)	-0.90(4)	-1.38(10-II-1)	-206070(4)	-25656(4)	8630(4)
330	13	-6.17(4)	-1.33(4)	-0.97(10-II-1)	-226062(4)	-23883(11-II-2)	14406(4)
330	14	-4.95(4)	-1.09(12-II-2)	-1.33(10-II-1)	-215739(4)	-25360(4)	9644(4)
330	15	-5.46(4)	-1.17(12-II-2)	-1.50(10-II-1)	-216536(4)	-26281(4)	7677(4)
330	16	-6.02(4)	-1.03(12-II-2)	-1.61(10-II-4)	-220099(4)	-26766(4)	6315(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
331	1	-7.55(4)	-0.66(4)	-1.42(10-II-1)	-124474(4)	-11397(4)	8732(10-I-3)
331	2	-7.47(4)	-0.61(4)	-1.37(10-II-1)	-123917(4)	-10615(4)	8722(10-I-3)
331	3	-7.39(4)	-0.55(4)	-1.32(10-II-1)	-123459(4)	-9783(4)	8688(10-I-3)
331	4	-7.32(4)	-0.49(4)	-1.26(10-II-4)	-123114(4)	-8895(4)	8627(10-I-3)
331	5	-7.45(4)	-0.68(4)	-1.42(10-II-1)	-129051(4)	-12038(4)	8460(10-I-3)
331	6	-7.38(4)	-0.63(4)	-1.38(10-II-1)	-128475(4)	-11278(4)	8434(10-I-3)
331	7	-7.31(4)	-0.57(4)	-1.32(10-II-1)	-128004(4)	-10466(4)	8379(10-I-3)
331	8	-7.23(4)	-0.51(4)	-1.27(10-II-4)	-127657(4)	-9593(4)	8293(10-I-3)
331	9	-7.36(4)	-0.71(4)	-1.42(10-II-1)	-134010(4)	-12764(4)	8160(10-I-3)
331	10	-7.29(4)	-0.66(4)	-1.38(10-II-1)	-133402(4)	-12032(4)	8116(10-I-3)
331	11	-7.22(4)	-0.60(4)	-1.33(10-II-1)	-132906(4)	-11247(4)	8039(10-I-3)
331	12	-7.15(4)	-0.54(4)	-1.27(10-II-4)	-132548(4)	-10397(4)	7926(10-I-3)
331	13	-7.26(4)	-0.73(4)	-1.42(10-II-1)	-139326(4)	-13573(4)	8304(4)
331	14	-7.19(4)	-0.68(4)	-1.38(10-II-1)	-138671(4)	-12878(4)	8043(4)
331	15	-7.12(4)	-0.63(4)	-1.33(10-II-1)	-138137(4)	-12128(4)	7810(11-I-4)
331	16	-7.06(4)	-0.57(4)	-1.28(10-II-4)	-137755(4)	-11309(4)	7617(11-I-4)
332	1	-7.17(4)	-0.76(4)	-1.42(10-II-1)	-144974(4)	-14461(4)	8671(4)
332	2	-7.10(4)	-0.72(4)	-1.38(10-II-1)	-144254(4)	-13814(4)	8345(4)
332	3	-7.03(4)	-0.66(4)	-1.33(10-II-1)	-143667(4)	-13111(4)	7932(4)
332	4	-6.97(4)	-0.61(4)	-1.29(10-II-4)	-143247(4)	-12332(4)	7596(11-I-4)
332	5	-7.07(4)	-0.79(4)	-1.42(10-II-1)	-150930(4)	-15426(4)	9079(4)
332	6	-7.00(4)	-0.75(4)	-1.38(10-II-1)	-150125(4)	-14839(4)	8686(4)
332	7	-6.93(4)	-0.70(4)	-1.33(10-II-1)	-149464(4)	-14196(4)	8181(4)
332	8	-6.87(4)	-0.64(4)	-1.29(10-II-4)	-148991(4)	-13471(4)	7580(11-I-4)
332	9	-6.97(4)	-0.82(4)	-1.41(10-II-1)	-157169(4)	-16463(4)	9536(4)
332	10	-6.90(4)	-0.79(4)	-1.37(10-II-1)	-156253(4)	-15951(4)	9075(4)
332	11	-6.83(4)	-0.74(4)	-1.33(10-II-1)	-155496(4)	-15384(4)	8471(4)
332	12	-6.78(4)	-0.69(4)	-1.29(10-II-4)	-154951(4)	-14727(4)	7738(4)
332	13	-6.87(4)	-0.86(4)	-1.40(10-II-1)	-163671(4)	-17567(4)	10053(4)
332	14	-6.79(4)	-0.82(4)	-1.37(10-II-1)	-162612(4)	-17149(4)	9522(4)
332	15	-6.73(4)	-0.78(4)	-1.33(10-II-1)	-161731(4)	-16674(4)	8812(4)
332	16	-6.68(4)	-0.73(4)	-1.30(10-II-4)	-161095(4)	-16102(4)	7940(4)
333	1	-9.22(4)	-0.98(4)	-1.43(10-II-1)	-183731(13-I-3)	-22642(13-I-3)	7809(10-I-3)
333	2	-9.09(4)	-0.98(4)	-1.39(10-II-1)	-182942(13-I-3)	-22442(13-I-3)	7814(10-I-3)
333	3	-8.99(4)	-0.95(4)	-1.32(10-II-1)	-182163(13-I-3)	-22186(13-I-3)	7870(10-I-3)
333	4	-8.93(4)	-0.91(4)	-1.27(10-II-1)	-181400(13-I-3)	-21865(13-I-3)	7902(10-I-3)
333	5	-9.14(4)	-0.94(4)	-1.44(10-II-1)	-172898(13-I-3)	-21216(13-I-3)	8099(10-I-3)
333	6	-9.03(4)	-0.93(4)	-1.40(10-II-1)	-172162(13-I-3)	-20981(13-I-3)	8112(10-I-3)
333	7	-8.93(4)	-0.91(4)	-1.34(10-II-1)	-171421(13-I-3)	-20694(13-I-3)	8157(10-I-3)
333	8	-8.85(4)	-0.87(4)	-1.29(10-II-1)	-170664(13-I-3)	-20351(13-I-3)	8212(10-I-3)
333	9	-9.05(4)	-0.91(4)	-1.46(10-II-1)	-162723(13-I-3)	-19845(13-I-3)	8367(10-I-3)
333	10	-8.95(4)	-0.90(4)	-1.40(10-II-1)	-162015(13-I-3)	-19606(13-I-3)	8391(10-I-3)
333	11	-8.87(4)	-0.86(4)	-1.36(10-II-1)	-161314(13-I-3)	-19297(13-I-3)	8433(10-I-3)
333	12	-8.78(4)	-0.82(4)	-1.31(10-II-1)	-160591(13-I-3)	-18904(13-I-3)	8505(10-I-3)
333	13	-8.98(4)	-0.89(4)	-1.45(10-II-1)	-153170(13-I-3)	-18562(13-I-3)	8596(10-I-3)
333	14	-8.89(4)	-0.86(4)	-1.41(10-II-1)	-152507(13-I-3)	-18293(13-I-3)	8633(10-I-3)
333	15	-8.79(4)	-0.83(4)	-1.36(10-II-1)	-151802(13-I-3)	-17960(13-I-3)	8703(10-I-3)
333	16	-8.71(4)	-0.79(4)	-1.32(10-II-1)	-151113(13-I-3)	-17546(13-I-3)	8782(10-I-3)
334	1	-8.90(4)	-0.87(4)	-1.48(10-II-1)	-144277(13-I-3)	-17387(13-I-3)	8799(10-I-3)
334	2	-8.81(4)	-0.84(4)	-1.43(10-II-1)	-143649(13-I-3)	-17042(13-I-3)	8856(10-I-3)
334	3	-8.72(4)	-0.80(4)	-1.39(10-II-1)	-142979(13-I-3)	-16682(13-I-3)	8931(10-I-3)
334	4	-8.64(4)	-0.76(4)	-1.34(10-II-1)	-142319(13-I-3)	-16293(13-I-3)	9013(10-I-3)
334	5	-8.81(4)	-0.85(4)	-1.49(10-II-1)	-136022(13-I-3)	-16258(13-I-3)	8979(10-I-3)
334	6	-8.73(4)	-0.81(4)	-1.45(10-II-1)	-135406(13-I-3)	-15894(13-I-3)	9046(10-I-3)
334	7	-8.64(4)	-0.77(4)	-1.41(10-II-1)	-134801(13-I-3)	-15509(13-I-3)	9114(10-I-3)
334	8	-8.56(4)	-0.73(4)	-1.36(10-II-1)	-134180(13-I-3)	-15099(13-I-3)	9201(10-I-3)
334	9	-8.73(4)	-0.83(4)	-1.50(10-II-1)	-128298(13-I-3)	-15179(13-I-3)	9121(10-I-3)
334	10	-8.65(4)	-0.79(4)	-1.46(10-II-1)	-127707(13-I-3)	-14823(13-I-3)	9189(10-I-3)
334	11	-8.57(4)	-0.75(4)	-1.42(10-II-1)	-127123(13-I-3)	-14417(13-I-3)	9270(10-I-3)
334	12	-8.48(4)	-0.71(4)	-1.38(10-II-1)	-126543(13-I-3)	-13962(13-I-3)	9361(10-I-3)
334	13	-8.65(4)	-0.82(4)	-1.51(10-II-1)	-121065(13-I-3)	-14175(13-I-3)	9229(10-I-3)
334	14	-8.57(4)	-0.78(4)	-1.47(10-II-1)	-120500(13-I-3)	-13805(13-I-3)	9300(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
334	15	-8.49(4)	-0.74(4)	-1.43(10-II-1)	-119942(13-I-3)	-13384(13-I-3)	9383(10-I-3)
334	16	-8.40(4)	-0.69(4)	-1.39(10-II-1)	-119394(13-I-3)	-12908(13-I-3)	9476(10-I-3)
335	1	-8.56(4)	-0.81(4)	-1.52(10-II-1)	-114304(13-I-3)	-13234(13-I-3)	9300(10-I-3)
335	2	-8.49(4)	-0.77(4)	-1.45(10-II-1)	-113763(13-I-3)	-12849(13-I-3)	9374(10-I-3)
335	3	-8.40(4)	-0.73(4)	-1.45(10-II-1)	-113231(13-I-3)	-12414(13-I-3)	9457(10-I-3)
335	4	-8.32(4)	-0.68(4)	-1.40(10-II-1)	-112711(13-I-3)	-11924(13-I-3)	9547(10-I-3)
335	5	-8.48(4)	-0.81(4)	-1.53(10-II-1)	-108426(4)	-12354(13-I-3)	9335(10-I-3)
335	6	-8.40(4)	-0.76(4)	-1.50(10-II-1)	-107579(4)	-11956(13-I-3)	9410(10-I-3)
335	7	-8.32(4)	-0.72(4)	-1.46(10-II-1)	-106973(13-I-3)	-11509(13-I-3)	9491(10-I-3)
335	8	-8.24(4)	-0.67(4)	-1.42(10-II-1)	-106480(13-I-3)	-11008(13-I-3)	9577(10-I-3)
335	9	-8.39(4)	-0.80(4)	-1.54(10-II-1)	-109490(4)	-12196(4)	9334(10-I-3)
335	10	-8.32(4)	-0.76(4)	-1.51(10-II-1)	-108674(4)	-11561(4)	9408(10-I-3)
335	11	-8.24(4)	-0.71(4)	-1.47(10-II-1)	-107885(4)	-10890(4)	9486(10-I-3)
335	12	-8.16(4)	-0.66(4)	-1.43(10-II-1)	-107132(4)	-10180(4)	9567(10-I-3)
335	13	-8.30(4)	-0.80(4)	-1.55(10-II-1)	-111138(4)	-12330(4)	9296(10-I-3)
335	14	-8.23(4)	-0.76(4)	-1.52(10-II-1)	-110348(4)	-11685(4)	9369(10-I-3)
335	15	-8.15(4)	-0.71(4)	-1.48(10-II-1)	-109585(4)	-11004(4)	9443(10-I-3)
335	16	-8.07(4)	-0.66(4)	-1.44(10-II-1)	-108861(4)	-10285(4)	9517(10-I-3)
336	1	-8.22(4)	-0.81(4)	-1.55(10-II-1)	-113347(4)	-12543(4)	9222(10-I-3)
336	2	-8.14(4)	-0.76(4)	-1.52(10-II-1)	-112575(4)	-11892(4)	9293(10-I-3)
336	3	-8.06(4)	-0.72(4)	-1.49(10-II-1)	-111832(4)	-11206(4)	9363(10-I-3)
336	4	-7.98(4)	-0.67(4)	-1.44(10-II-1)	-111131(4)	-10481(4)	9429(10-I-3)
336	5	-8.13(4)	-0.82(4)	-1.56(10-II-1)	-116094(4)	-12832(4)	9112(10-I-3)
336	6	-8.05(4)	-0.77(4)	-1.53(10-II-1)	-115333(4)	-12179(4)	9181(10-I-3)
336	7	-7.97(4)	-0.72(4)	-1.49(10-II-1)	-114602(4)	-11491(4)	9246(10-I-3)
336	8	-7.90(4)	-0.67(4)	-1.45(10-II-1)	-113914(4)	-10766(4)	9304(10-I-3)
336	9	-8.03(4)	-0.82(4)	-1.56(10-II-1)	-119357(4)	-13195(4)	8968(10-I-3)
336	10	-7.96(4)	-0.78(4)	-1.53(10-II-1)	-118599(4)	-12544(4)	9034(10-I-3)
336	11	-7.88(4)	-0.73(4)	-1.50(10-II-1)	-117871(4)	-11860(4)	9093(10-I-3)
336	12	-7.81(4)	-0.68(4)	-1.46(10-II-1)	-117189(4)	-11138(4)	9143(10-I-3)
336	13	-7.94(4)	-0.84(4)	-1.56(10-II-1)	-123112(4)	-13628(4)	8790(10-I-3)
336	14	-7.87(4)	-0.79(4)	-1.53(10-II-1)	-122348(4)	-12984(4)	8853(10-I-3)
336	15	-7.79(4)	-0.75(4)	-1.50(10-II-1)	-121616(4)	-12308(4)	8906(10-I-3)
336	16	-7.71(4)	-0.70(4)	-1.46(10-II-1)	-120929(4)	-11595(4)	8947(10-I-3)
337	1	-7.46(4)	-0.93(4)	-1.55(10-II-1)	-148510(4)	-16746(4)	9191(4)
337	2	-7.39(4)	-0.89(4)	-1.52(10-II-1)	-147580(4)	-16209(4)	9161(4)
337	3	-7.31(4)	-0.85(4)	-1.49(10-II-1)	-146666(4)	-15651(4)	9070(4)
337	4	-7.24(4)	-0.81(4)	-1.46(10-II-1)	-145789(4)	-15070(4)	8910(4)
337	5	-7.36(4)	-0.95(4)	-1.54(10-II-1)	-154769(4)	-17533(4)	9687(4)
337	6	-7.29(4)	-0.91(4)	-1.51(10-II-1)	-153776(4)	-17031(4)	9652(4)
337	7	-7.22(4)	-0.87(4)	-1.48(10-II-1)	-152791(4)	-16513(4)	9548(4)
337	8	-7.14(4)	-0.83(4)	-1.45(10-II-1)	-151832(4)	-15979(4)	9362(4)
337	9	-7.26(4)	-0.97(4)	-1.52(10-II-1)	-161377(4)	-18365(4)	10207(4)
337	10	-7.19(4)	-0.94(4)	-1.50(10-II-1)	-160314(4)	-17899(4)	10173(4)
337	11	-7.12(4)	-0.90(4)	-1.47(10-II-1)	-159244(4)	-17427(4)	10064(4)
337	12	-7.05(4)	-0.86(4)	-1.44(10-II-1)	-158184(4)	-16949(4)	9860(4)
337	13	-7.16(4)	-1.00(4)	-1.51(10-II-1)	-168319(4)	-19225(4)	10744(4)
337	14	-7.09(4)	-0.96(4)	-1.49(10-II-1)	-167179(4)	-18809(4)	10724(4)
337	15	-7.02(4)	-0.92(4)	-1.46(10-II-1)	-166009(4)	-18384(4)	10619(4)
337	16	-6.95(4)	-0.89(4)	-1.43(10-II-1)	-164827(4)	-17970(4)	10408(4)
338	1	-7.85(4)	-0.85(4)	-1.56(10-II-1)	-127338(4)	-14129(4)	8580(10-I-3)
338	2	-7.77(4)	-0.81(4)	-1.53(10-II-1)	-126559(4)	-13497(4)	8640(10-I-3)
338	3	-7.70(4)	-0.76(4)	-1.50(10-II-1)	-125812(4)	-12834(4)	8687(10-I-3)
338	4	-7.62(4)	-0.71(4)	-1.46(10-II-1)	-125111(4)	-12135(4)	8719(10-I-3)
338	5	-7.75(4)	-0.87(4)	-1.56(10-II-1)	-132011(4)	-14695(4)	8339(10-I-3)
338	6	-7.68(4)	-0.83(4)	-1.53(10-II-1)	-131210(4)	-14080(4)	8395(10-I-3)
338	7	-7.60(4)	-0.78(4)	-1.50(10-II-1)	-130438(4)	-13434(4)	8437(10-I-3)
338	8	-7.53(4)	-0.73(4)	-1.46(10-II-1)	-129712(4)	-12755(4)	8460(10-I-3)
338	9	-7.66(4)	-0.89(4)	-1.56(10-II-1)	-137112(4)	-15323(4)	8273(4)
338	10	-7.58(4)	-0.85(4)	-1.53(10-II-1)	-136277(4)	-14729(4)	8265(4)
338	11	-7.51(4)	-0.80(4)	-1.50(10-II-1)	-135469(4)	-14107(4)	8214(4)
338	12	-7.43(4)	-0.76(4)	-1.46(10-II-1)	-134707(4)	-13453(4)	8173(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
338	13	-7.56(4)	-0.91(4)	-1.55(10-II-1)	-142618(4)	-16008(4)	8720(4)
338	14	-7.48(4)	-0.87(4)	-1.53(10-II-1)	-141740(4)	-15440(4)	8700(4)
338	15	-7.41(4)	-0.82(4)	-1.50(10-II-1)	-140886(4)	-14847(4)	8628(4)
338	16	-7.34(4)	-0.78(4)	-1.46(10-II-1)	-140074(4)	-14226(4)	8498(4)
339	1	-7.08(4)	-1.02(4)	-1.50(10-II-1)	-173912(4)	-19921(4)	11188(4)
339	2	-7.01(4)	-0.98(4)	-1.48(10-II-1)	-172704(4)	-19537(4)	11163(4)
339	3	-6.95(4)	-0.94(4)	-1.45(10-II-1)	-171452(4)	-19148(4)	11071(4)
339	4	-6.87(4)	-0.91(4)	-1.42(10-II-1)	-170159(4)	-18787(4)	10868(4)
339	5	-7.02(4)	-1.03(4)	-1.49(10-II-1)	-177996(4)	-20439(4)	11489(4)
339	6	-6.96(4)	-1.00(4)	-1.47(10-II-1)	-176742(4)	-20066(4)	11478(4)
339	7	-6.90(4)	-0.96(4)	-1.45(10-II-1)	-175429(4)	-19698(4)	11400(4)
339	8	-6.82(4)	-0.93(4)	-1.42(10-II-1)	-174049(4)	-19378(4)	11212(4)
339	9	-6.97(4)	-1.05(4)	-1.48(10-II-1)	-182169(4)	-20965(4)	11790(4)
339	10	-6.90(4)	-1.01(4)	-1.47(10-II-1)	-180870(4)	-20606(4)	11785(4)
339	11	-6.84(4)	-0.97(4)	-1.44(10-II-1)	-179497(4)	-20250(4)	11730(4)
339	12	-6.77(4)	-0.94(4)	-1.41(10-II-1)	-178022(4)	-19973(4)	11570(4)
339	13	-6.90(4)	-1.06(4)	-1.48(10-II-1)	-186425(4)	-21526(4)	12092(4)
339	14	-6.85(4)	-1.02(4)	-1.46(10-II-1)	-185082(4)	-21149(4)	12071(4)
339	15	-6.80(4)	-0.98(4)	-1.43(10-II-1)	-183658(4)	-20797(4)	12056(4)
339	16	-6.73(4)	-0.96(4)	-1.40(10-II-1)	-182079(4)	-20569(4)	11938(4)
340	1	-9.64(4)	-1.16(4)	-1.39(10-II-1)	-238818(11-I-3)	-29668(11-I-3)	-7404(12-II-3)
340	2	-9.15(4)	-1.15(4)	-1.45(10-II-1)	-235800(11-I-3)	-29537(11-I-3)	-7372(12-II-3)
340	3	-9.04(4)	-1.15(4)	-1.16(10-II-1)	-234408(11-I-3)	-29364(11-I-3)	7607(10-I-3)
340	4	-9.33(4)	-1.12(4)	-1.19(10-II-1)	-234856(11-I-3)	-29149(11-I-3)	7591(10-I-3)
340	5	-9.52(4)	-1.08(4)	-1.43(10-II-1)	-221867(11-I-3)	-27410(11-I-3)	-7034(12-II-3)
340	6	-9.17(4)	-1.16(4)	-1.39(10-II-1)	-219997(11-I-3)	-27517(11-I-3)	-6977(12-II-3)
340	7	-9.07(4)	-1.14(4)	-1.24(10-II-1)	-218745(11-I-3)	-27344(11-I-3)	7426(10-I-3)
340	8	-9.20(4)	-1.03(4)	-1.18(10-II-1)	-218259(11-I-3)	-26836(11-I-3)	7373(10-I-3)
340	9	-9.41(4)	-1.05(4)	-1.43(10-II-1)	-207560(13-I-3)	-25682(13-I-3)	7149(10-I-3)
340	10	-9.17(4)	-1.10(4)	-1.38(10-II-1)	-206457(13-I-3)	-25650(13-I-3)	7136(10-I-3)
340	11	-9.07(4)	-1.07(4)	-1.28(10-II-1)	-205576(13-I-3)	-25469(13-I-3)	7423(10-I-3)
340	12	-9.09(4)	-0.99(4)	-1.21(10-II-1)	-205044(13-I-3)	-25088(13-I-3)	7395(10-I-3)
340	13	-9.31(4)	-1.01(4)	-1.43(10-II-1)	-195261(13-I-3)	-24135(13-I-3)	7495(10-I-3)
340	14	-9.14(4)	-1.03(4)	-1.38(10-II-1)	-194374(13-I-3)	-23993(13-I-3)	7494(10-I-3)
340	15	-9.04(4)	-1.01(4)	-1.30(10-II-1)	-193554(13-I-3)	-23773(13-I-3)	7604(10-I-3)
340	16	-9.00(4)	-0.95(4)	-1.24(10-II-1)	-192838(13-I-3)	-23446(13-I-3)	7609(10-I-3)
341	1	-6.79(4)	-1.10(4)	-1.46(10-II-1)	-194909(4)	-22609(4)	12505(4)
341	2	-6.74(4)	-1.05(4)	-1.45(10-II-1)	-193544(4)	-22189(4)	12531(4)
341	3	-6.70(4)	-1.00(4)	-1.42(10-II-1)	-192060(4)	-21838(4)	12622(4)
341	4	-6.63(4)	-0.98(4)	-1.38(10-II-1)	-190256(4)	-21652(4)	12675(4)
341	5	-6.60(4)	-1.12(4)	-1.44(10-II-1)	-207639(4)	-24250(4)	12740(4)
341	6	-6.58(4)	-1.10(4)	-1.44(10-II-1)	-206439(4)	-23829(4)	12663(4)
341	7	-6.57(4)	-1.05(4)	-1.39(10-II-1)	-205053(4)	-23181(4)	13004(4)
341	8	-6.54(4)	-0.99(4)	-1.32(10-II-1)	-202937(4)	-23125(4)	13571(4)
341	9	-6.44(4)	-1.07(4)	-1.40(10-II-1)	-220892(4)	-25548(4)	11820(4)
341	10	-6.40(4)	-1.13(4)	-1.38(10-II-1)	-219311(4)	-25786(4)	12048(4)
341	11	-6.47(4)	-1.17(4)	-1.40(10-II-1)	-218563(4)	-25407(4)	11286(4)
341	12	-6.51(4)	-1.02(4)	-1.25(10-II-1)	-217136(4)	-23167(4)	13180(4)
341	13	-6.45(4)	-0.93(4)	-1.27(10-II-1)	-236143(4)	-26527(4)	9546(4)
341	14	-6.20(4)	-1.05(4)	-1.15(10-II-1)	-232121(4)	-26998(4)	9726(10-II-1)
341	15	-6.17(4)	-1.24(12-II-2)	-1.17(10-II-1)	-230214(4)	-27965(4)	9236(10-II-1)
341	16	-6.76(4)	-1.62(12-II-2)	-1.44(10-II-1)	-233330(4)	-29500(4)	6994(10-II-1)
342	1	-9.85(4)	-1.19(4)	-1.33(10-II-1)	-240916(11-I-3)	-29990(11-I-3)	-7728(12-II-3)
342	2	-9.88(4)	-1.18(4)	-1.50(10-II-1)	-239228(11-I-3)	-30010(11-I-3)	-7689(12-II-3)
342	3	-9.84(4)	-1.18(4)	-1.39(10-II-1)	-238728(11-I-3)	-29943(11-I-3)	7916(10-I-3)
342	4	-9.84(4)	-1.18(4)	-1.47(10-II-1)	-239703(11-I-3)	-29767(11-I-3)	7890(10-I-3)
342	5	-9.71(4)	-1.12(4)	-1.43(10-II-1)	-224155(11-I-3)	-27842(11-I-3)	-7296(12-II-3)
342	6	-9.74(4)	-1.10(4)	-1.43(10-II-1)	-223355(11-I-3)	-28003(11-I-3)	7214(10-I-3)
342	7	-9.72(4)	-1.09(4)	-1.45(10-II-1)	-222927(11-I-3)	-27916(11-I-3)	7556(10-I-3)
342	8	-9.66(4)	-1.08(4)	-1.44(10-II-1)	-222804(11-I-3)	-27530(11-I-3)	7438(10-I-3)
342	9	-9.60(4)	-1.08(4)	-1.45(10-II-1)	-209143(13-I-3)	-26058(13-I-3)	7452(10-I-3)
342	10	-9.61(4)	-1.05(4)	-1.45(10-II-1)	-208798(13-I-3)	-26034(13-I-3)	7466(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
342	11	-9.58(4)	-1.04(4)	-1.45(10-II-1)	-208473(13-I-3)	-25942(13-I-3)	7490(10-I-3)
342	12	-9.53(4)	-1.03(4)	-1.45(10-II-1)	-208193(13-I-3)	-25794(13-I-3)	7389(10-I-3)
342	13	-9.50(4)	-1.04(4)	-1.46(10-II-1)	-196888(13-I-3)	-24517(13-I-3)	7690(10-I-3)
342	14	-9.49(4)	-1.02(4)	-1.46(10-II-1)	-196564(13-I-3)	-24446(13-I-3)	7670(10-I-3)
342	15	-9.47(4)	-1.01(4)	-1.46(10-II-1)	-196227(13-I-3)	-24359(13-I-3)	7644(10-I-3)
342	16	-9.42(4)	-1.00(4)	-1.45(10-II-1)	-195871(13-I-3)	-24253(13-I-3)	7586(10-I-3)
343	1	-9.41(4)	-1.02(4)	-1.48(10-II-1)	-185350(13-I-3)	-23060(13-I-3)	7910(10-I-3)
343	2	-9.39(4)	-1.00(4)	-1.47(10-II-1)	-185021(13-I-3)	-22975(13-I-3)	7891(10-I-3)
343	3	-9.36(4)	-0.98(4)	-1.47(10-II-1)	-184676(13-I-3)	-22880(13-I-3)	7869(10-I-3)
343	4	-9.31(4)	-0.98(4)	-1.46(10-II-1)	-184308(13-I-3)	-22778(13-I-3)	7843(10-I-3)
343	5	-9.32(4)	-1.00(4)	-1.50(10-II-1)	-174491(13-I-3)	-21681(13-I-3)	8129(10-I-3)
343	6	-9.29(4)	-0.98(4)	-1.49(10-II-1)	-174159(13-I-3)	-21586(13-I-3)	8119(10-I-3)
343	7	-9.26(4)	-0.96(4)	-1.48(10-II-1)	-173815(13-I-3)	-21483(13-I-3)	8110(10-I-3)
343	8	-9.22(4)	-0.95(4)	-1.47(10-II-1)	-173449(13-I-3)	-21372(13-I-3)	8104(10-I-3)
343	9	-9.23(4)	-0.98(4)	-1.52(10-II-1)	-164277(13-I-3)	-20363(13-I-3)	8348(10-I-3)
343	10	-9.20(4)	-0.96(4)	-1.50(10-II-1)	-163944(13-I-3)	-20285(13-I-3)	8345(10-I-3)
343	11	-9.17(4)	-0.93(4)	-1.49(10-II-1)	-163605(13-I-3)	-20175(13-I-3)	8339(10-I-3)
343	12	-9.13(4)	-0.92(4)	-1.48(10-II-1)	-163257(13-I-3)	-20031(13-I-3)	8343(10-I-3)
343	13	-9.15(4)	-0.95(4)	-1.52(10-II-1)	-154705(13-I-3)	-19124(13-I-3)	8536(10-I-3)
343	14	-9.12(4)	-0.94(4)	-1.50(10-II-1)	-154360(13-I-3)	-19036(13-I-3)	8546(10-I-3)
343	15	-9.08(4)	-0.93(4)	-1.49(10-II-1)	-154008(13-I-3)	-18918(13-I-3)	8563(10-I-3)
343	16	-9.04(4)	-0.91(4)	-1.48(10-II-1)	-153656(13-I-3)	-18767(13-I-3)	8578(10-I-3)
344	1	-7.27(4)	-1.09(4)	-1.53(10-II-1)	-176687(4)	-20811(4)	10933(4)
344	2	-7.22(4)	-1.07(4)	-1.53(10-II-1)	-176078(4)	-20613(4)	11038(4)
344	3	-7.18(4)	-1.06(4)	-1.52(10-II-1)	-175453(4)	-20424(4)	11111(4)
344	4	-7.14(4)	-1.04(4)	-1.51(10-II-1)	-174823(4)	-20237(4)	11164(4)
344	5	-7.21(4)	-1.10(4)	-1.52(10-II-1)	-180871(4)	-21233(4)	11210(4)
344	6	-7.17(4)	-1.09(4)	-1.51(10-II-1)	-180243(4)	-21060(4)	11322(4)
344	7	-7.12(4)	-1.07(4)	-1.51(10-II-1)	-179596(4)	-20890(4)	11408(4)
344	8	-7.08(4)	-1.06(4)	-1.50(10-II-1)	-178940(4)	-20711(4)	11458(4)
344	9	-7.16(4)	-1.11(4)	-1.51(10-II-1)	-185151(4)	-21666(4)	11471(4)
344	10	-7.11(4)	-1.10(4)	-1.50(10-II-1)	-184506(4)	-21504(4)	11600(4)
344	11	-7.07(4)	-1.09(4)	-1.50(10-II-1)	-183832(4)	-21355(4)	11704(4)
344	12	-7.02(4)	-1.07(4)	-1.49(10-II-1)	-183145(4)	-21204(4)	11757(4)
344	13	-7.10(4)	-1.12(4)	-1.49(10-II-1)	-189531(4)	-22054(4)	11703(4)
344	14	-7.05(4)	-1.11(4)	-1.48(10-II-1)	-188873(4)	-21950(4)	11878(4)
344	15	-7.01(4)	-1.10(4)	-1.48(10-II-1)	-188163(4)	-21834(4)	11989(4)
344	16	-6.97(4)	-1.09(4)	-1.48(10-II-1)	-187436(4)	-21669(4)	12058(4)
345	1	-7.00(4)	-1.13(4)	-1.46(10-II-1)	-198381(4)	-22921(4)	12214(4)
345	2	-6.94(4)	-1.14(4)	-1.45(10-II-1)	-197612(4)	-22896(4)	12395(4)
345	3	-6.89(4)	-1.13(4)	-1.45(10-II-1)	-196811(4)	-22814(4)	12474(4)
345	4	-6.84(4)	-1.11(4)	-1.46(10-II-1)	-195999(4)	-22722(4)	12525(4)
345	5	-6.85(4)	-1.17(4)	-1.40(10-II-1)	-212029(4)	-24109(4)	12596(4)
345	6	-6.80(4)	-1.18(4)	-1.40(10-II-1)	-211049(4)	-24133(4)	12892(4)
345	7	-6.70(4)	-1.18(4)	-1.40(10-II-1)	-209897(4)	-24457(4)	13185(4)
345	8	-6.63(4)	-1.15(4)	-1.43(10-II-1)	-208747(4)	-24587(4)	12953(4)
345	9	-6.78(4)	-1.28(4)	-1.29(10-II-1)	-226894(4)	-25029(4)	13060(4)
345	10	-6.62(4)	-1.21(4)	-1.33(10-II-1)	-224133(4)	-27140(4)	13829(4)
345	11	-6.37(4)	-1.26(4)	-1.45(10-II-1)	-222013(4)	-27044(4)	11984(4)
345	12	-6.38(4)	-1.16(4)	-1.44(10-II-1)	-221615(4)	-25716(4)	11592(4)
345	13	-7.02(4)	-1.35(4)	1.16(12-I-1)	-243940(4)	-24532(4)	16019(4)
345	14	-5.52(4)	-1.34(4)	-1.44(10-II-1)	-232155(4)	-26129(4)	10538(4)
345	15	-5.85(4)	-1.11(4)	-1.65(10-II-1)	-232160(4)	-27367(4)	7674(10-II-1)
345	16	-6.39(4)	-0.95(4)	-1.72(10-II-1)	-236351(4)	-28069(4)	6540(10-II-1)
346	1	-8.03(4)	-0.94(4)	-1.62(10-II-1)	-129268(4)	-15547(4)	8407(10-I-3)
346	2	-7.99(4)	-0.92(4)	-1.61(10-II-1)	-128830(4)	-15237(4)	8449(10-I-3)
346	3	-7.95(4)	-0.90(4)	-1.60(10-II-1)	-128391(4)	-14920(4)	8489(10-I-3)
346	4	-7.91(4)	-0.88(4)	-1.59(10-II-1)	-127951(4)	-14597(4)	8527(10-I-3)
346	5	-7.94(4)	-0.96(4)	-1.62(10-II-1)	-133992(4)	-16079(4)	8167(10-I-3)
346	6	-7.90(4)	-0.94(4)	-1.61(10-II-1)	-133543(4)	-15776(4)	8209(10-I-3)
346	7	-7.85(4)	-0.92(4)	-1.60(10-II-1)	-133093(4)	-15467(4)	8249(10-I-3)
346	8	-7.81(4)	-0.90(4)	-1.58(10-II-1)	-132642(4)	-15151(4)	8287(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
346	9	-7.84(4)	-0.98(4)	-1.61(10-II-1)	-139161(4)	-16661(4)	8211(11-I-4)
346	10	-7.80(4)	-0.96(4)	-1.60(10-II-1)	-138699(4)	-16367(4)	8224(11-I-4)
346	11	-7.76(4)	-0.94(4)	-1.59(10-II-1)	-138233(4)	-16068(4)	8233(4)
346	12	-7.71(4)	-0.92(4)	-1.58(10-II-1)	-137767(4)	-15763(4)	8256(4)
346	13	-7.74(4)	-0.99(4)	-1.61(10-II-1)	-144755(4)	-17289(4)	8604(4)
346	14	-7.70(4)	-0.97(4)	-1.60(10-II-1)	-144275(4)	-17007(4)	8650(4)
346	15	-7.66(4)	-0.96(4)	-1.58(10-II-1)	-143790(4)	-16721(4)	8686(4)
346	16	-7.62(4)	-0.94(4)	-1.57(10-II-1)	-143304(4)	-16429(4)	8708(4)
347	1	-7.65(4)	-1.01(4)	-1.60(10-II-1)	-150752(4)	-17961(4)	9067(4)
347	2	-7.60(4)	-0.99(4)	-1.59(10-II-1)	-150251(4)	-17693(4)	9119(4)
347	3	-7.56(4)	-0.98(4)	-1.58(10-II-1)	-149744(4)	-17421(4)	9157(4)
347	4	-7.52(4)	-0.96(4)	-1.56(10-II-1)	-149233(4)	-17145(4)	9181(4)
347	5	-7.55(4)	-1.03(4)	-1.58(10-II-1)	-157134(4)	-18671(4)	9547(4)
347	6	-7.50(4)	-1.02(4)	-1.57(10-II-1)	-156609(4)	-18419(4)	9607(4)
347	7	-7.46(4)	-1.00(4)	-1.56(10-II-1)	-156075(4)	-18165(4)	9651(4)
347	8	-7.42(4)	-0.98(4)	-1.55(10-II-1)	-155536(4)	-17907(4)	9676(4)
347	9	-7.45(4)	-1.05(4)	-1.57(10-II-1)	-163880(4)	-19413(4)	10044(4)
347	10	-7.40(4)	-1.04(4)	-1.56(10-II-1)	-163328(4)	-19184(4)	10114(4)
347	11	-7.36(4)	-1.02(4)	-1.55(10-II-1)	-162765(4)	-18950(4)	10163(4)
347	12	-7.32(4)	-1.00(4)	-1.54(10-II-1)	-162194(4)	-18709(4)	10194(4)
347	13	-7.34(4)	-1.07(4)	-1.55(10-II-1)	-170973(4)	-20197(4)	10558(4)
347	14	-7.30(4)	-1.06(4)	-1.54(10-II-1)	-170388(4)	-19982(4)	10634(4)
347	15	-7.26(4)	-1.04(4)	-1.53(10-II-1)	-169792(4)	-19771(4)	10692(4)
347	16	-7.22(4)	-1.02(4)	-1.52(10-II-1)	-169188(4)	-19562(4)	10724(4)
348	1	-9.07(4)	-0.94(4)	-1.55(10-II-1)	-145773(13-I-3)	-17980(13-I-3)	8717(10-I-3)
348	2	-9.04(4)	-0.92(4)	-1.52(10-II-1)	-145441(13-I-3)	-17836(13-I-3)	8734(10-I-3)
348	3	-8.99(4)	-0.91(4)	-1.51(10-II-1)	-145097(13-I-3)	-17707(13-I-3)	8755(10-I-3)
348	4	-8.96(4)	-0.89(4)	-1.50(10-II-1)	-144747(13-I-3)	-17593(13-I-3)	8775(10-I-3)
348	5	-8.98(4)	-0.93(4)	-1.56(10-II-1)	-137457(13-I-3)	-16896(13-I-3)	8878(10-I-3)
348	6	-8.95(4)	-0.91(4)	-1.54(10-II-1)	-137143(13-I-3)	-16743(13-I-3)	8897(10-I-3)
348	7	-8.91(4)	-0.89(4)	-1.53(10-II-1)	-136826(13-I-3)	-16604(13-I-3)	8913(10-I-3)
348	8	-8.87(4)	-0.88(4)	-1.51(10-II-1)	-136502(13-I-3)	-16476(13-I-3)	8936(10-I-3)
348	9	-8.90(4)	-0.92(4)	-1.57(10-II-1)	-129693(13-I-3)	-15866(13-I-3)	8995(10-I-3)
348	10	-8.87(4)	-0.90(4)	-1.56(10-II-1)	-129378(13-I-3)	-15727(13-I-3)	9020(10-I-3)
348	11	-8.83(4)	-0.88(4)	-1.54(10-II-1)	-129066(13-I-3)	-15577(13-I-3)	9048(10-I-3)
348	12	-8.79(4)	-0.86(4)	-1.52(10-II-1)	-128753(13-I-3)	-15416(13-I-3)	9077(10-I-3)
348	13	-8.82(4)	-0.91(4)	-1.58(10-II-1)	-122418(13-I-3)	-14900(13-I-3)	9088(10-I-3)
348	14	-8.78(4)	-0.89(4)	-1.57(10-II-1)	-122112(13-I-3)	-14753(13-I-3)	9116(10-I-3)
348	15	-8.75(4)	-0.87(4)	-1.55(10-II-1)	-121807(13-I-3)	-14596(13-I-3)	9146(10-I-3)
348	16	-8.71(4)	-0.85(4)	-1.54(10-II-1)	-121500(13-I-3)	-14427(13-I-3)	9179(10-I-3)
349	1	-8.74(4)	-0.90(4)	-1.59(10-II-1)	-115614(13-I-3)	-13991(13-I-3)	9149(10-I-3)
349	2	-8.70(4)	-0.88(4)	-1.58(10-II-1)	-115318(13-I-3)	-13838(13-I-3)	9179(10-I-3)
349	3	-8.66(4)	-0.86(4)	-1.56(10-II-1)	-115020(13-I-3)	-13673(13-I-3)	9212(10-I-3)
349	4	-8.62(4)	-0.84(4)	-1.55(10-II-1)	-114723(13-I-3)	-13498(13-I-3)	9247(10-I-3)
349	5	-8.66(4)	-0.90(4)	-1.60(10-II-1)	-110515(4)	-13510(4)	9176(10-I-3)
349	6	-8.62(4)	-0.88(4)	-1.59(10-II-1)	-110040(4)	-13214(4)	9208(10-I-3)
349	7	-8.58(4)	-0.86(4)	-1.57(10-II-1)	-109565(4)	-12910(4)	9243(10-I-3)
349	8	-8.54(4)	-0.84(4)	-1.56(10-II-1)	-109090(4)	-12627(13-I-3)	9280(10-I-3)
349	9	-8.57(4)	-0.90(4)	-1.61(10-II-1)	-111507(4)	-13598(4)	9168(10-I-3)
349	10	-8.53(4)	-0.88(4)	-1.60(10-II-1)	-111048(4)	-13294(4)	9203(10-I-3)
349	11	-8.49(4)	-0.86(4)	-1.58(10-II-1)	-110588(4)	-12982(4)	9239(10-I-3)
349	12	-8.45(4)	-0.83(4)	-1.56(10-II-1)	-110130(4)	-12661(4)	9277(10-I-3)
349	13	-8.49(4)	-0.90(4)	-1.62(10-II-1)	-113098(4)	-13760(4)	9126(10-I-3)
349	14	-8.45(4)	-0.88(4)	-1.60(10-II-1)	-112652(4)	-13449(4)	9162(10-I-3)
349	15	-8.40(4)	-0.86(4)	-1.59(10-II-1)	-112205(4)	-13131(4)	9200(10-I-3)
349	16	-8.36(4)	-0.84(4)	-1.57(10-II-1)	-111759(4)	-12804(4)	9238(10-I-3)
350	1	-8.40(4)	-0.90(4)	-1.62(10-II-1)	-115266(4)	-13990(4)	9050(10-I-3)
350	2	-8.36(4)	-0.88(4)	-1.61(10-II-1)	-114829(4)	-13675(4)	9087(10-I-3)
350	3	-8.32(4)	-0.86(4)	-1.59(10-II-1)	-114391(4)	-13353(4)	9126(10-I-3)
350	4	-8.27(4)	-0.84(4)	-1.58(10-II-1)	-113955(4)	-13022(4)	9165(10-I-3)
350	5	-8.31(4)	-0.91(4)	-1.62(10-II-1)	-117989(4)	-14288(4)	8939(10-I-3)
350	6	-8.27(4)	-0.89(4)	-1.61(10-II-1)	-117557(4)	-13970(4)	8978(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
350	7	-8.23(4)	-0.87(4)	-1.60(10-II-1)	-117126(4)	-13646(4)	9017(10-I-3)
350	8	-8.18(4)	-0.85(4)	-1.58(10-II-1)	-116695(4)	-13313(4)	9056(10-I-3)
350	9	-8.22(4)	-0.92(4)	-1.63(10-II-1)	-121245(4)	-14648(4)	8794(10-I-3)
350	10	-8.18(4)	-0.90(4)	-1.61(10-II-1)	-120815(4)	-14331(4)	8834(10-I-3)
350	11	-8.13(4)	-0.88(4)	-1.60(10-II-1)	-120385(4)	-14007(4)	8874(10-I-3)
350	12	-8.09(4)	-0.86(4)	-1.59(10-II-1)	-119956(4)	-13675(4)	8913(10-I-3)
350	13	-8.13(4)	-0.93(4)	-1.63(10-II-1)	-125012(4)	-15069(4)	8617(10-I-3)
350	14	-8.08(4)	-0.91(4)	-1.61(10-II-1)	-124580(4)	-14754(4)	8658(10-I-3)
350	15	-8.04(4)	-0.89(4)	-1.60(10-II-1)	-124147(4)	-14433(4)	8697(10-I-3)
350	16	-8.00(4)	-0.87(4)	-1.59(10-II-1)	-123715(4)	-14104(4)	8736(10-I-3)
351	1	-9.60(4)	-0.99(4)	-1.75(10-II-1)	-120381(13-I-3)	-17766(1)	9111(10-I-3)
351	2	-9.55(4)	-0.99(4)	-1.75(10-II-1)	-120182(13-I-3)	-17464(4)	9098(10-I-3)
351	3	-9.50(4)	-1.00(4)	-1.75(10-II-1)	-119977(13-I-3)	-17345(4)	9086(10-I-3)
351	4	-9.45(4)	-1.01(4)	-1.75(10-II-1)	-119766(13-I-3)	-17204(4)	9075(10-I-3)
351	5	-9.54(4)	-0.98(4)	-1.74(10-II-1)	-117546(4)	-17784(1)	9054(10-I-3)
351	6	-9.49(4)	-0.99(4)	-1.74(10-II-1)	-117315(4)	-17576(4)	9046(10-I-3)
351	7	-9.44(4)	-1.00(4)	-1.74(10-II-1)	-117066(4)	-17460(4)	9038(10-I-3)
351	8	-9.39(4)	-1.00(4)	-1.74(10-II-1)	-116801(4)	-17320(4)	9031(10-I-3)
351	9	-9.47(4)	-0.98(4)	-1.74(10-II-1)	-118103(4)	-17855(1)	8964(10-I-3)
351	10	-9.42(4)	-0.99(4)	-1.74(10-II-1)	-117903(4)	-17751(4)	8960(10-I-3)
351	11	-9.37(4)	-0.99(4)	-1.74(10-II-1)	-117685(4)	-17637(4)	8956(10-I-3)
351	12	-9.32(4)	-1.00(4)	-1.74(10-II-1)	-117450(4)	-17498(4)	8954(10-I-3)
351	13	-9.40(4)	-0.98(4)	-1.73(10-II-1)	-119336(4)	-18069(4)	8841(10-I-3)
351	14	-9.35(4)	-0.99(4)	-1.73(10-II-1)	-119162(4)	-17985(4)	8841(10-I-3)
351	15	-9.30(4)	-1.00(4)	-1.73(10-II-1)	-118970(4)	-17873(4)	8841(10-I-3)
351	16	-9.25(4)	-1.00(4)	-1.73(10-II-1)	-118760(4)	-17734(4)	8843(10-I-3)
352	1	-9.33(4)	-0.99(4)	-1.72(10-II-1)	-121226(4)	-18358(4)	8686(10-I-3)
352	2	-9.28(4)	-0.99(4)	-1.72(10-II-1)	-121074(4)	-18277(4)	8690(10-I-3)
352	3	-9.23(4)	-1.00(4)	-1.72(10-II-1)	-120902(4)	-18165(4)	8695(10-I-3)
352	4	-9.17(4)	-1.01(4)	-1.72(10-II-1)	-120712(4)	-18026(4)	8700(10-I-3)
352	5	-9.26(4)	-0.99(4)	-1.70(10-II-1)	-123756(4)	-18701(4)	8501(10-I-3)
352	6	-9.21(4)	-1.00(4)	-1.71(10-II-1)	-123620(4)	-18620(4)	8508(10-I-3)
352	7	-9.15(4)	-1.01(4)	-1.71(10-II-1)	-123463(4)	-18509(4)	8516(10-I-3)
352	8	-9.10(4)	-1.02(4)	-1.71(10-II-1)	-123287(4)	-18370(4)	8526(10-I-3)
352	9	-9.19(4)	-1.01(4)	-1.69(10-II-1)	-126906(4)	-19094(4)	8286(10-I-3)
352	10	-9.13(4)	-1.01(4)	-1.69(10-II-1)	-126780(4)	-19014(4)	8296(10-I-3)
352	11	-9.08(4)	-1.02(4)	-1.70(10-II-1)	-126634(4)	-18901(4)	8308(10-I-3)
352	12	-9.02(4)	-1.03(4)	-1.70(10-II-1)	-126466(4)	-18761(4)	8321(10-I-3)
352	13	-9.12(4)	-1.02(4)	-1.68(10-II-1)	-130658(4)	-19533(4)	8043(10-I-3)
352	14	-9.06(4)	-1.03(4)	-1.68(10-II-1)	-130537(4)	-19452(4)	8057(10-I-3)
352	15	-9.00(4)	-1.04(4)	-1.69(10-II-1)	-130394(4)	-19339(4)	8072(10-I-3)
352	16	-8.94(4)	-1.04(4)	-1.69(10-II-1)	-130229(4)	-19197(4)	8088(10-I-3)
353	1	-9.04(4)	-1.04(4)	-1.66(10-II-1)	-134993(4)	-20015(4)	7774(10-I-3)
353	2	-8.98(4)	-1.05(4)	-1.67(10-II-1)	-134870(4)	-19933(4)	7791(10-I-3)
353	3	-8.92(4)	-1.06(4)	-1.67(10-II-1)	-134724(4)	-19819(4)	7809(10-I-3)
353	4	-8.86(4)	-1.06(4)	-1.68(10-II-1)	-134557(4)	-19674(4)	7828(10-I-3)
353	5	-8.96(4)	-1.07(4)	-1.64(10-II-1)	-139891(4)	-20537(4)	7587(11-I-4)
353	6	-8.90(4)	-1.07(4)	-1.65(10-II-1)	-139759(4)	-20453(4)	7614(11-I-4)
353	7	-8.84(4)	-1.08(4)	-1.66(10-II-1)	-139605(4)	-20337(4)	7640(11-I-4)
353	8	-8.78(4)	-1.08(4)	-1.66(10-II-1)	-139427(4)	-20190(4)	7666(11-I-4)
353	9	-8.88(4)	-1.09(4)	-1.63(10-II-1)	-145333(4)	-21094(4)	7687(11-I-4)
353	10	-8.82(4)	-1.10(4)	-1.63(10-II-1)	-145185(4)	-21009(4)	7717(11-I-4)
353	11	-8.76(4)	-1.10(4)	-1.64(10-II-1)	-145013(4)	-20890(4)	7746(11-I-4)
353	12	-8.70(4)	-1.11(4)	-1.64(10-II-1)	-144819(4)	-20742(4)	7774(11-I-4)
353	13	-8.80(4)	-1.12(4)	-1.61(10-II-1)	-151298(4)	-21685(4)	7776(11-I-4)
353	14	-8.74(4)	-1.13(4)	-1.62(10-II-1)	-151126(4)	-21598(4)	7808(11-I-4)
353	15	-8.67(4)	-1.13(4)	-1.62(10-II-1)	-150930(4)	-21477(4)	7838(11-I-4)
353	16	-8.61(4)	-1.13(4)	-1.63(10-II-1)	-150711(4)	-21326(4)	7867(11-I-4)
354	1	-8.72(4)	-1.16(4)	-1.59(10-II-1)	-157766(4)	-22305(4)	7855(11-I-4)
354	2	-8.66(4)	-1.16(4)	-1.60(10-II-1)	-157561(4)	-22217(4)	7888(11-I-4)
354	3	-8.59(4)	-1.16(4)	-1.60(10-II-1)	-157332(4)	-22094(4)	7919(11-I-4)
354	4	-8.52(4)	-1.16(4)	-1.61(10-II-1)	-157080(4)	-21940(4)	7949(11-I-4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
354	5	-8.64(4)	-1.19(4)	-1.57(10-II-1)	-164717(4)	-22953(4)	7928(11-I-4)
354	6	-8.57(4)	-1.19(4)	-1.58(10-II-1)	-164470(4)	-22865(4)	7961(11-I-4)
354	7	-8.50(4)	-1.19(4)	-1.58(10-II-1)	-164198(4)	-22740(4)	7992(11-I-4)
354	8	-8.43(4)	-1.19(4)	-1.59(10-II-1)	-163903(4)	-22584(4)	8021(11-I-4)
354	9	-8.55(4)	-1.23(4)	-1.55(10-II-1)	-172130(4)	-23625(4)	8025(10-II-1)
354	10	-8.48(4)	-1.23(4)	-1.56(10-II-1)	-171831(4)	-23541(4)	8049(10-II-1)
354	11	-8.42(4)	-1.23(4)	-1.56(10-II-1)	-171506(4)	-23415(4)	8065(10-II-1)
354	12	-8.35(4)	-1.22(4)	-1.57(10-II-1)	-171157(4)	-23252(4)	8161(5)
354	13	-8.47(4)	-1.27(4)	-1.53(10-II-1)	-179986(4)	-24338(4)	8380(10-II-1)
354	14	-8.40(4)	-1.27(4)	-1.53(10-II-1)	-179621(4)	-24243(4)	8398(10-II-1)
354	15	-8.33(4)	-1.26(4)	-1.54(10-II-1)	-179232(4)	-24116(4)	8413(10-II-1)
354	16	-8.26(4)	-1.25(4)	-1.54(10-II-1)	-178821(4)	-23961(4)	8565(5)
355	1	-8.40(4)	-1.30(4)	-1.51(10-II-1)	-186357(4)	-24891(4)	8634(10-II-1)
355	2	-8.33(4)	-1.29(4)	-1.52(10-II-1)	-185937(4)	-24796(4)	8664(10-II-1)
355	3	-8.26(4)	-1.28(4)	-1.52(10-II-1)	-185491(4)	-24669(4)	8742(5)
355	4	-8.19(4)	-1.28(4)	-1.52(10-II-1)	-185023(4)	-24515(4)	8926(5)
355	5	-8.36(4)	-1.33(4)	-1.50(10-II-1)	-191046(4)	-25262(4)	8819(10-II-1)
355	6	-8.29(4)	-1.31(4)	-1.50(10-II-1)	-190587(4)	-25179(4)	8849(10-II-1)
355	7	-8.22(4)	-1.30(4)	-1.51(10-II-1)	-190094(4)	-25055(4)	8990(5)
355	8	-8.14(4)	-1.29(4)	-1.51(10-II-1)	-189572(4)	-24890(4)	9175(5)
355	9	-8.32(4)	-1.35(4)	-1.49(10-II-1)	-195862(4)	-25645(4)	8991(10-II-1)
355	10	-8.25(4)	-1.33(4)	-1.49(10-II-1)	-195369(4)	-25552(4)	9029(10-II-1)
355	11	-8.17(4)	-1.31(4)	-1.49(10-II-1)	-194823(4)	-25432(4)	9250(5)
355	12	-8.10(4)	-1.31(4)	-1.49(10-II-1)	-194234(4)	-25282(4)	9446(5)
355	13	-8.30(4)	-1.36(4)	-1.49(10-II-1)	-200816(4)	-25969(4)	9136(10-II-1)
355	14	-8.19(4)	-1.34(4)	-1.48(10-II-1)	-200300(4)	-25911(4)	9261(5)
355	15	-8.13(4)	-1.33(4)	-1.47(10-II-1)	-199691(4)	-25816(4)	9519(5)
355	16	-8.06(4)	-1.32(4)	-1.47(10-II-1)	-199013(4)	-25627(4)	9741(5)
356	1	-8.20(4)	-1.39(4)	-1.47(10-II-1)	-210865(4)	-26656(4)	9438(10-II-1)
356	2	-8.13(4)	-1.38(4)	-1.46(10-II-1)	-210249(4)	-26646(4)	9731(5)
356	3	-8.06(4)	-1.36(4)	-1.44(10-II-1)	-209500(4)	-26530(4)	10012(5)
356	4	-7.97(4)	-1.34(4)	-1.44(10-II-1)	-208641(4)	-26401(4)	10291(5)
356	5	-8.12(4)	-1.46(4)	-1.45(10-II-1)	-226468(4)	-27376(4)	9546(10-II-1)
356	6	-8.10(4)	-1.41(4)	-1.41(10-II-1)	-225728(4)	-27213(4)	10167(5)
356	7	-7.97(4)	-1.41(4)	-1.38(10-II-1)	-224560(4)	-27609(4)	10955(5)
356	8	-7.82(4)	-1.39(4)	-1.38(10-II-1)	-223097(4)	-27819(4)	11121(5)
356	9	-8.26(4)	-1.62(4)	-1.37(10-II-1)	-244053(4)	-27214(4)	9717(5)
356	10	-8.11(4)	-1.45(4)	-1.31(10-II-1)	-241515(4)	-29835(4)	11493(5)
356	11	-7.73(4)	-1.54(4)	-1.40(10-II-1)	-238804(4)	-29811(4)	10375(5)
356	12	-7.64(4)	-1.46(4)	-1.37(10-II-1)	-237724(4)	-28455(4)	10440(5)
356	13	-8.96(4)	-1.72(4)	1.54(12-I-1)	-264559(4)	-27697(4)	15154(4)
356	14	-6.85(4)	-1.84(4)	-1.37(10-II-1)	-250485(4)	-29210(4)	9104(5)
356	15	-7.19(4)	-1.54(4)	-1.61(10-II-1)	-250281(4)	-30283(4)	7352(10-II-1)
356	16	-7.80(4)	-1.31(4)	-1.68(10-II-1)	-254309(4)	-30851(4)	6721(10-II-1)
357	1	-10.41(4)	-1.29(4)	-1.53(10-II-1)	-250498(11-I-4)	-31328(11-I-4)	-8102(12-II-3)
357	2	-10.82(4)	-1.26(4)	-1.70(10-II-1)	-249788(11-I-4)	-31257(11-I-4)	-8086(12-II-3)
357	3	-10.77(4)	-1.25(4)	-1.82(10-II-1)	-249200(11-I-3)	-31171(11-I-3)	-8108(12-II-3)
357	4	-10.26(4)	-1.28(4)	-1.98(10-II-1)	-248771(11-I-3)	-31082(11-I-3)	-8055(12-II-3)
357	5	-10.39(4)	-1.22(4)	-1.67(10-II-1)	-233711(11-I-4)	-29318(11-I-4)	-7867(12-II-3)
357	6	-10.49(4)	-1.14(4)	-1.71(10-II-1)	-233149(11-I-4)	-29249(11-I-4)	-7930(12-II-3)
357	7	-10.45(4)	-1.13(4)	-1.82(10-II-1)	-232615(11-I-3)	-29154(11-I-3)	-7943(12-II-3)
357	8	-10.25(4)	-1.22(4)	-1.85(10-II-1)	-232073(11-I-3)	-29041(11-I-3)	-8000(12-II-3)
357	9	-10.30(4)	-1.17(4)	-1.72(10-II-1)	-217893(11-I-4)	-27476(11-I-4)	7994(10-I-3)
357	10	-10.32(4)	-1.13(4)	-1.75(10-II-1)	-217325(11-I-4)	-27370(11-I-4)	7907(10-I-3)
357	11	-10.27(4)	-1.13(4)	-1.78(10-II-1)	-216802(11-I-3)	-27270(11-I-3)	7823(10-I-3)
357	12	-10.16(4)	-1.17(4)	-1.80(10-II-1)	-216297(11-I-3)	-27181(11-I-3)	7741(10-I-3)
357	13	-10.21(4)	-1.14(4)	-1.74(10-II-1)	-203216(13-I-4)	-25725(11-I-4)	8182(10-I-3)
357	14	-10.20(4)	-1.12(4)	-1.76(10-II-1)	-202842(13-I-3)	-25619(13-I-4)	8110(10-I-3)
357	15	-10.15(4)	-1.12(4)	-1.78(10-II-1)	-202506(13-I-3)	-25557(13-I-3)	8040(10-I-3)
357	16	-10.07(4)	-1.14(4)	-1.79(10-II-1)	-202153(13-I-3)	-25497(13-I-3)	7976(10-I-3)
358	1	-10.13(4)	-1.12(4)	-1.76(10-II-1)	-191467(13-I-4)	-24314(13-I-4)	8378(10-I-3)
358	2	-10.10(4)	-1.11(4)	-1.76(10-II-1)	-191149(13-I-3)	-24246(13-I-4)	8320(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
358	3	-10.06(4)	-1.11(4)	-1.77(10-II-1)	-190836(13-I-3)	-24182(13-I-3)	8264(10-I-3)
358	4	-9.99(4)	-1.12(4)	-1.78(10-II-1)	-190509(13-I-3)	-24122(13-I-3)	8213(10-I-3)
358	5	-10.06(4)	-1.09(4)	-1.76(10-II-1)	-180417(13-I-3)	-23015(13-I-4)	8568(10-I-3)
358	6	-10.02(4)	-1.09(4)	-1.77(10-II-1)	-180136(13-I-3)	-22948(13-I-4)	8518(10-I-3)
358	7	-9.98(4)	-1.09(4)	-1.77(10-II-1)	-179844(13-I-3)	-22883(13-I-3)	8473(10-I-3)
358	8	-9.92(4)	-1.10(4)	-1.77(10-II-1)	-179539(13-I-3)	-22820(13-I-3)	8432(10-I-3)
358	9	-9.99(4)	-1.08(4)	-1.77(10-II-1)	-170032(13-I-3)	-21776(13-I-4)	8745(10-I-3)
358	10	-9.95(4)	-1.08(4)	-1.77(10-II-1)	-169764(13-I-3)	-21733(13-I-4)	8700(10-I-3)
358	11	-9.91(4)	-1.07(4)	-1.77(10-II-1)	-169492(13-I-3)	-21672(13-I-3)	8653(10-I-3)
358	12	-9.85(4)	-1.07(4)	-1.78(10-II-1)	-169215(13-I-3)	-21586(13-I-3)	8616(10-I-3)
358	13	-9.93(4)	-1.05(4)	-1.76(10-II-1)	-160282(13-I-3)	-20610(13-I-4)	8878(10-I-3)
358	14	-9.88(4)	-1.05(4)	-1.75(10-II-1)	-160017(13-I-3)	-20570(13-I-3)	8845(10-I-3)
358	15	-9.83(4)	-1.07(4)	-1.75(10-II-1)	-159745(13-I-3)	-20511(13-I-3)	8816(10-I-3)
358	16	-9.78(4)	-1.08(4)	-1.76(10-II-1)	-159473(13-I-3)	-20428(13-I-3)	8785(10-I-3)
359	1	-9.86(4)	-1.04(4)	-1.77(10-II-1)	-151177(13-I-3)	-19534(13-I-4)	8994(10-I-3)
359	2	-9.82(4)	-1.04(4)	-1.76(10-II-1)	-150933(13-I-3)	-19457(13-I-3)	8966(10-I-3)
359	3	-9.76(4)	-1.05(4)	-1.76(10-II-1)	-150676(13-I-3)	-19398(13-I-3)	8940(10-I-3)
359	4	-9.72(4)	-1.05(4)	-1.77(10-II-1)	-150412(13-I-3)	-19355(13-I-3)	8912(10-I-3)
359	5	-9.80(4)	-1.02(4)	-1.77(10-II-1)	-142697(13-I-3)	-18520(13-I-3)	9082(10-I-3)
359	6	-9.75(4)	-1.02(4)	-1.76(10-II-1)	-142472(13-I-3)	-18445(13-I-3)	9055(10-I-3)
359	7	-9.70(4)	-1.03(4)	-1.76(10-II-1)	-142242(13-I-3)	-18385(13-I-3)	9024(10-I-3)
359	8	-9.65(4)	-1.04(4)	-1.76(10-II-1)	-142006(13-I-3)	-18339(13-I-3)	8998(10-I-3)
359	9	-9.73(4)	-1.01(4)	-1.76(10-II-1)	-134767(13-I-3)	-17895(1)	9122(10-I-3)
359	10	-9.68(4)	-1.01(4)	-1.76(10-II-1)	-134547(13-I-3)	-17503(13-I-3)	9101(10-I-3)
359	11	-9.64(4)	-1.02(4)	-1.76(10-II-1)	-134325(13-I-3)	-17442(13-I-3)	9081(10-I-3)
359	12	-9.59(4)	-1.02(4)	-1.76(10-II-1)	-134100(13-I-3)	-17375(13-I-3)	9062(10-I-3)
359	13	-9.67(4)	-1.00(4)	-1.76(10-II-1)	-127334(13-I-3)	-17802(1)	9134(10-I-3)
359	14	-9.62(4)	-1.00(4)	-1.76(10-II-1)	-127125(13-I-3)	-17420(4)	9117(10-I-3)
359	15	-9.57(4)	-1.01(4)	-1.76(10-II-1)	-126911(13-I-3)	-17298(4)	9101(10-I-3)
359	16	-9.52(4)	-1.01(4)	-1.75(10-II-1)	-126693(13-I-3)	-17154(4)	9086(10-I-3)
360	1	-9.93(4)	-0.92(4)	-1.72(10-II-1)	-121633(13-I-3)	-17667(1)	9229(10-I-3)
360	2	-9.85(4)	-0.94(4)	-1.73(10-II-1)	-121337(13-I-3)	-18475(1)	9202(10-I-3)
360	3	-9.76(4)	-0.96(4)	-1.74(10-II-1)	-121013(13-I-3)	-18694(1)	9171(10-I-3)
360	4	-9.67(4)	-0.98(4)	-1.75(10-II-1)	-120663(13-I-3)	-18352(1)	9137(10-I-3)
360	5	-9.87(4)	-0.91(4)	-1.71(10-II-1)	-118676(4)	-17606(1)	9137(10-I-3)
360	6	-9.79(4)	-0.93(4)	-1.72(10-II-1)	-118471(4)	-18450(1)	9119(10-I-3)
360	7	-9.70(4)	-0.95(4)	-1.73(10-II-1)	-118197(4)	-18694(1)	9098(10-I-3)
360	8	-9.61(4)	-0.97(4)	-1.74(10-II-1)	-117851(4)	-18366(1)	9073(10-I-3)
360	9	-9.81(4)	-0.90(4)	-1.70(10-II-1)	-118970(4)	-17650(5)	9014(10-I-3)
360	10	-9.73(4)	-0.93(4)	-1.71(10-II-1)	-118841(4)	-18481(1)	9004(10-I-3)
360	11	-9.64(4)	-0.95(4)	-1.72(10-II-1)	-118637(4)	-18747(1)	8991(10-I-3)
360	12	-9.55(4)	-0.97(4)	-1.73(10-II-1)	-118359(4)	-18433(1)	8976(10-I-3)
360	13	-9.76(4)	-0.90(4)	-1.69(10-II-1)	-119977(4)	-17845(5)	8859(10-I-3)
360	14	-9.67(4)	-0.93(4)	-1.70(10-II-1)	-119913(4)	-18566(1)	8857(10-I-3)
360	15	-9.58(4)	-0.95(4)	-1.71(10-II-1)	-119771(4)	-18852(1)	8853(10-I-3)
360	16	-9.48(4)	-0.97(4)	-1.72(10-II-1)	-119550(4)	-18549(1)	8847(10-I-3)
361	1	-9.70(4)	-0.90(4)	-1.67(10-II-1)	-121679(4)	-18096(5)	8672(10-I-3)
361	2	-9.61(4)	-0.93(4)	-1.69(10-II-1)	-121671(4)	-18807(5)	8679(10-I-3)
361	3	-9.51(4)	-0.95(4)	-1.70(10-II-1)	-121580(4)	-19005(1)	8683(10-I-3)
361	4	-9.41(4)	-0.97(4)	-1.71(10-II-1)	-121407(4)	-18712(1)	8685(10-I-3)
361	5	-9.64(4)	-0.91(4)	-1.66(10-II-1)	-124058(4)	-18400(5)	8456(10-I-3)
361	6	-9.54(4)	-0.94(4)	-1.67(10-II-1)	-124096(4)	-19125(5)	8471(10-I-3)
361	7	-9.45(4)	-0.96(4)	-1.69(10-II-1)	-124047(4)	-19329(5)	8483(10-I-3)
361	8	-9.34(4)	-0.98(4)	-1.70(10-II-1)	-123910(4)	-19042(5)	8494(10-I-3)
361	9	-9.58(4)	-0.92(4)	-1.64(10-II-1)	-127096(4)	-18754(5)	8211(10-I-3)
361	10	-9.48(4)	-0.95(4)	-1.66(10-II-1)	-127172(4)	-19489(5)	8234(10-I-3)
361	11	-9.38(4)	-0.97(4)	-1.67(10-II-1)	-127154(4)	-19700(5)	8254(10-I-3)
361	12	-9.27(4)	-0.99(4)	-1.68(10-II-1)	-127043(4)	-19417(5)	8273(10-I-3)
361	13	-9.51(4)	-0.94(4)	-1.63(10-II-1)	-130779(4)	-19153(5)	7939(10-I-3)
361	14	-9.41(4)	-0.97(4)	-1.64(10-II-1)	-130881(4)	-19894(5)	7970(10-I-3)
361	15	-9.31(4)	-0.99(4)	-1.66(10-II-1)	-130883(4)	-20111(5)	7998(10-I-3)
361	16	-9.20(4)	-1.01(4)	-1.67(10-II-1)	-130787(4)	-19830(5)	8024(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
362	1	-9.20(4)	-1.10(4)	-1.52(10-II-1)	-158324(4)	-21670(5)	7474(11-I-4)
362	2	-9.07(4)	-1.12(4)	-1.54(10-II-1)	-158358(4)	-22414(5)	7604(11-I-4)
362	3	-8.94(4)	-1.14(4)	-1.56(10-II-1)	-158248(4)	-22642(5)	7712(11-I-4)
362	4	-8.82(4)	-1.15(4)	-1.58(10-II-1)	-158012(4)	-22377(5)	7800(11-I-4)
362	5	-9.13(4)	-1.15(4)	-1.50(10-II-1)	-165565(4)	-22240(5)	7506(11-I-4)
362	6	-9.00(4)	-1.17(4)	-1.52(10-II-1)	-165528(4)	-22986(5)	7655(11-I-4)
362	7	-8.87(4)	-1.19(4)	-1.54(10-II-1)	-165340(4)	-23220(5)	7775(11-I-4)
362	8	-8.74(4)	-1.19(4)	-1.56(10-II-1)	-165024(4)	-23011(4)	7870(11-I-4)
362	9	-9.06(4)	-1.21(4)	-1.47(10-II-1)	-173355(4)	-22827(4)	7568(10-II-1)
362	10	-8.92(4)	-1.23(4)	-1.50(10-II-1)	-173217(4)	-23571(5)	7744(10-II-1)
362	11	-8.78(4)	-1.24(4)	-1.52(10-II-1)	-172927(4)	-23814(5)	7876(10-II-1)
362	12	-8.65(4)	-1.24(4)	-1.54(10-II-1)	-172511(4)	-23681(4)	7972(10-II-1)
362	13	-8.99(4)	-1.28(4)	-1.45(10-II-1)	-181682(4)	-23453(4)	7877(10-II-1)
362	14	-8.84(4)	-1.29(4)	-1.48(10-II-1)	-181403(4)	-24173(5)	8079(10-II-1)
362	15	-8.70(4)	-1.30(4)	-1.50(10-II-1)	-180985(4)	-24428(5)	8217(10-II-1)
362	16	-8.57(4)	-1.28(4)	-1.52(10-II-1)	-180454(4)	-24359(4)	8323(10-II-1)
363	1	-9.45(4)	-0.96(4)	-1.61(10-II-1)	-135089(4)	-19593(5)	7641(10-I-3)
363	2	-9.35(4)	-0.99(4)	-1.62(10-II-1)	-135207(4)	-20338(5)	7681(10-I-3)
363	3	-9.24(4)	-1.01(4)	-1.64(10-II-1)	-135217(4)	-20558(5)	7716(10-I-3)
363	4	-9.13(4)	-1.03(4)	-1.65(10-II-1)	-135123(4)	-20280(5)	7750(10-I-3)
363	5	-9.39(4)	-0.99(4)	-1.59(10-II-1)	-140012(4)	-20070(5)	7333(11-I-4)
363	6	-9.28(4)	-1.01(4)	-1.61(10-II-1)	-140133(4)	-20817(5)	7414(11-I-4)
363	7	-9.17(4)	-1.04(4)	-1.62(10-II-1)	-140137(4)	-21038(5)	7484(11-I-4)
363	8	-9.05(4)	-1.05(4)	-1.64(10-II-1)	-140032(4)	-20762(5)	7545(11-I-4)
363	9	-9.33(4)	-1.02(4)	-1.57(10-II-1)	-145535(4)	-20579(5)	7391(11-I-4)
363	10	-9.21(4)	-1.05(4)	-1.59(10-II-1)	-145645(4)	-21325(5)	7487(11-I-4)
363	11	-9.10(4)	-1.07(4)	-1.60(10-II-1)	-145628(4)	-21548(5)	7569(11-I-4)
363	12	-8.98(4)	-1.08(4)	-1.62(10-II-1)	-145496(4)	-21274(5)	7640(11-I-4)
363	13	-9.26(4)	-1.06(4)	-1.55(10-II-1)	-151643(4)	-21114(5)	7436(11-I-4)
363	14	-9.14(4)	-1.08(4)	-1.56(10-II-1)	-151725(4)	-21859(5)	7549(11-I-4)
363	15	-9.02(4)	-1.10(4)	-1.58(10-II-1)	-151671(4)	-22084(5)	7644(11-I-4)
363	16	-8.90(4)	-1.12(4)	-1.60(10-II-1)	-151496(4)	-21813(5)	7724(11-I-4)
364	1	-8.69(4)	-1.60(4)	-1.35(10-II-1)	-214634(4)	-25937(4)	9126(10-II-1)
364	2	-8.44(4)	-1.62(4)	-1.41(10-II-1)	-213161(4)	-26774(4)	9209(10-II-1)
364	3	-8.32(4)	-1.56(4)	-1.47(10-II-1)	-212172(4)	-27034(4)	9163(10-II-1)
364	4	-8.28(4)	-1.45(4)	-1.48(10-II-1)	-211470(4)	-26869(4)	9274(10-II-1)
364	5	-8.54(4)	-1.77(4)	-1.28(10-II-1)	-230762(4)	-27286(4)	9916(10-II-1)
364	6	-8.13(4)	-1.86(4)	-1.41(10-II-1)	-227971(4)	-28785(4)	9476(10-II-1)
364	7	-8.08(4)	-1.72(4)	-1.51(10-II-1)	-226952(4)	-28544(4)	9009(10-II-1)
364	8	-8.22(4)	-1.47(4)	-1.50(10-II-1)	-226858(4)	-27863(4)	9106(10-II-1)
364	9	-8.33(4)	-1.82(4)	-1.16(10-II-1)	-247107(4)	-28603(4)	11125(5)
364	10	-7.63(4)	-2.12(4)	-1.36(10-II-1)	-240611(4)	-32275(4)	9506(10-II-1)
364	11	-7.73(4)	-1.88(4)	-1.67(10-II-1)	-241044(4)	-31371(4)	6935(10-II-1)
364	12	-8.26(4)	-1.40(4)	-1.53(10-II-1)	-244113(4)	-26665(4)	8135(10-II-1)
364	13	-8.59(4)	-2.11(4)	1.46(12-I-1)	-266753(4)	-27268(4)	12767(4)
364	14	-6.47(4)	-1.47(4)	-1.31(10-II-1)	-250859(4)	-29785(4)	7774(10-II-1)
364	15	-7.18(4)	-1.66(4)	-1.54(10-II-1)	-252609(4)	-31471(4)	5598(10-II-1)
364	16	-8.95(4)	-2.11(4)	-1.93(10-II-1)	-266142(4)	-33524(4)	-5382(12-I-1)
365	1	-8.93(4)	-1.33(4)	-1.43(10-II-1)	-188474(4)	-23954(4)	8142(10-II-1)
365	2	-8.76(4)	-1.35(4)	-1.46(10-II-1)	-188057(4)	-24656(5)	8339(10-II-1)
365	3	-8.62(4)	-1.35(4)	-1.49(10-II-1)	-187521(4)	-24920(5)	8475(10-II-1)
365	4	-8.50(4)	-1.32(4)	-1.51(10-II-1)	-186897(4)	-24906(4)	8572(10-II-1)
365	5	-8.89(4)	-1.38(4)	-1.41(10-II-1)	-193489(4)	-24333(4)	8323(10-II-1)
365	6	-8.71(4)	-1.40(4)	-1.45(10-II-1)	-192940(4)	-25013(5)	8526(10-II-1)
365	7	-8.57(4)	-1.38(4)	-1.48(10-II-1)	-192313(4)	-25281(5)	8649(10-II-1)
365	8	-8.45(4)	-1.35(4)	-1.50(10-II-1)	-191631(4)	-25313(4)	8752(10-II-1)
365	9	-8.84(4)	-1.43(4)	-1.40(10-II-1)	-198650(4)	-24710(4)	8517(10-II-1)
365	10	-8.65(4)	-1.44(4)	-1.44(10-II-1)	-197941(4)	-25390(5)	8710(10-II-1)
365	11	-8.51(4)	-1.42(4)	-1.47(10-II-1)	-197217(4)	-25661(4)	8814(10-II-1)
365	12	-8.40(4)	-1.38(4)	-1.49(10-II-1)	-196487(4)	-25720(4)	8915(10-II-1)
365	13	-8.78(4)	-1.48(4)	-1.39(10-II-1)	-203943(4)	-25135(4)	8731(10-II-1)
365	14	-8.56(4)	-1.50(4)	-1.43(10-II-1)	-203045(4)	-25798(4)	8883(10-II-1)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
365	15	-8.43(4)	-1.47(4)	-1.47(10-II-1)	-202219(4)	-26089(4)	8969(10-II-1)
365	16	-8.36(4)	-1.41(4)	-1.49(10-II-1)	-201458(4)	-26163(4)	9050(10-II-1)
366	1	-10.16(4)	-0.99(4)	-1.75(10-II-1)	-152953(13-I-4)	-19836(13-I-4)	9262(10-I-3)
366	2	-10.09(4)	-1.01(4)	-1.75(10-II-1)	-152489(13-I-4)	-19768(13-I-4)	9200(10-I-3)
366	3	-10.00(4)	-1.02(4)	-1.76(10-II-1)	-151972(13-I-4)	-19702(13-I-4)	9134(10-I-3)
366	4	-9.92(4)	-1.03(4)	-1.77(10-II-1)	-151509(13-I-3)	-19633(13-I-4)	9052(10-I-3)
366	5	-10.11(4)	-0.97(4)	-1.74(10-II-1)	-144321(13-I-4)	-18796(13-I-4)	9308(10-I-3)
366	6	-10.03(4)	-0.98(4)	-1.75(10-II-1)	-143878(13-I-4)	-18906(1)	9256(10-I-3)
366	7	-9.94(4)	-1.00(4)	-1.76(10-II-1)	-143446(13-I-3)	-19029(1)	9188(10-I-3)
366	8	-9.86(4)	-1.01(4)	-1.77(10-II-1)	-143031(13-I-3)	-18642(1)	9122(10-I-3)
366	9	-10.05(4)	-0.95(4)	-1.74(10-II-1)	-136227(13-I-4)	-17984(1)	9314(10-I-3)
366	10	-9.97(4)	-0.97(4)	-1.75(10-II-1)	-135825(13-I-3)	-18704(1)	9268(10-I-3)
366	11	-9.89(4)	-0.98(4)	-1.76(10-II-1)	-135467(13-I-3)	-18858(1)	9218(10-I-3)
366	12	-9.80(4)	-1.00(4)	-1.76(10-II-1)	-135080(13-I-3)	-18486(1)	9163(10-I-3)
366	13	-9.99(4)	-0.93(4)	-1.73(10-II-1)	-128653(13-I-3)	-17793(1)	9288(10-I-3)
366	14	-9.91(4)	-0.95(4)	-1.74(10-II-1)	-128338(13-I-3)	-18559(1)	9252(10-I-3)
366	15	-9.83(4)	-0.97(4)	-1.75(10-II-1)	-127997(13-I-3)	-18748(1)	9212(10-I-3)
366	16	-9.74(4)	-0.98(4)	-1.75(10-II-1)	-127629(13-I-3)	-18391(1)	9167(10-I-3)
367	1	-10.38(4)	-1.12(4)	-1.77(10-II-1)	-193992(13-I-4)	-24690(13-I-4)	8794(10-I-3)
367	2	-10.28(4)	-1.15(4)	-1.77(10-II-1)	-193328(13-I-4)	-24625(13-I-4)	8688(10-I-3)
367	3	-10.21(4)	-1.15(4)	-1.76(10-II-1)	-192656(13-I-4)	-24535(13-I-4)	8587(10-I-3)
367	4	-10.16(4)	-1.13(4)	-1.75(10-II-1)	-191985(13-I-4)	-24419(13-I-4)	8474(10-I-3)
367	5	-10.33(4)	-1.08(4)	-1.77(10-II-1)	-182762(13-I-4)	-23367(13-I-4)	8957(10-I-3)
367	6	-10.24(4)	-1.10(4)	-1.76(10-II-1)	-182159(13-I-4)	-23308(13-I-4)	8858(10-I-3)
367	7	-10.17(4)	-1.11(4)	-1.76(10-II-1)	-181539(13-I-4)	-23220(13-I-4)	8759(10-I-3)
367	8	-10.11(4)	-1.10(4)	-1.76(10-II-1)	-180898(13-I-4)	-23112(13-I-4)	8653(10-I-3)
367	9	-10.27(4)	-1.05(4)	-1.76(10-II-1)	-172187(13-I-4)	-22101(13-I-4)	9094(10-I-3)
367	10	-10.18(4)	-1.07(4)	-1.76(10-II-1)	-171626(13-I-4)	-22070(13-I-4)	9006(10-I-3)
367	11	-10.12(4)	-1.07(4)	-1.76(10-II-1)	-171059(13-I-4)	-21990(13-I-4)	8906(10-I-3)
367	12	-10.05(4)	-1.07(4)	-1.77(10-II-1)	-170455(13-I-4)	-21864(13-I-4)	8814(10-I-3)
367	13	-10.22(4)	-1.02(4)	-1.75(10-II-1)	-162235(13-I-4)	-20918(13-I-4)	9192(10-I-3)
367	14	-10.14(4)	-1.03(4)	-1.75(10-II-1)	-161729(13-I-4)	-20889(13-I-4)	9114(10-I-3)
367	15	-10.06(4)	-1.05(4)	-1.75(10-II-1)	-161171(13-I-4)	-20818(13-I-4)	9040(10-I-3)
367	16	-9.98(4)	-1.05(4)	-1.76(10-II-1)	-160633(13-I-3)	-20699(13-I-4)	8951(10-I-3)
368	1	-10.48(4)	-1.29(4)	-1.75(10-II-1)	-254670(11-I-4)	-31898(11-I-4)	-8128(12-II-3)
368	2	-10.35(4)	-1.30(4)	-1.79(10-II-1)	-253040(11-I-4)	-31752(11-I-4)	8047(10-I-3)
368	3	-10.30(4)	-1.30(4)	-1.66(10-II-1)	-251876(11-I-4)	-31600(11-I-4)	8047(10-I-3)
368	4	-10.29(4)	-1.27(4)	-1.74(10-II-1)	-251139(11-I-4)	-31451(11-I-4)	8047(10-I-3)
368	5	-10.50(4)	-1.29(4)	-1.81(10-II-1)	-237732(11-I-4)	-29924(11-I-4)	8205(10-I-3)
368	6	-10.36(4)	-1.27(4)	-1.76(10-II-1)	-236414(11-I-4)	-29859(11-I-4)	8125(10-I-3)
368	7	-10.30(4)	-1.27(4)	-1.71(10-II-1)	-235334(11-I-4)	-29715(11-I-4)	8121(10-I-3)
368	8	-10.29(4)	-1.27(4)	-1.70(10-II-1)	-234435(11-I-4)	-29498(11-I-4)	8028(10-I-3)
368	9	-10.48(4)	-1.22(4)	-1.80(10-II-1)	-221727(11-I-4)	-28072(11-I-4)	8403(10-I-3)
368	10	-10.34(4)	-1.24(4)	-1.77(10-II-1)	-220615(11-I-4)	-28006(11-I-4)	8301(10-I-3)
368	11	-10.28(4)	-1.24(4)	-1.73(10-II-1)	-219549(11-I-4)	-27869(11-I-4)	8240(10-I-3)
368	12	-10.27(4)	-1.21(4)	-1.71(10-II-1)	-218597(11-I-4)	-27664(11-I-4)	8130(10-I-3)
368	13	-10.43(4)	-1.16(4)	-1.78(10-II-1)	-206509(11-I-4)	-26306(11-I-4)	8607(10-I-3)
368	14	-10.32(4)	-1.19(4)	-1.77(10-II-1)	-205523(11-I-4)	-26239(11-I-4)	8498(10-I-3)
368	15	-10.25(4)	-1.19(4)	-1.75(10-II-1)	-204541(11-I-4)	-26111(11-I-4)	8407(10-I-3)
368	16	-10.22(4)	-1.17(4)	-1.73(10-II-1)	-203739(13-I-4)	-25916(11-I-4)	8291(10-I-3)
369	1	-9.16(4)	-1.53(4)	-1.32(10-II-1)	-216671(4)	-23246(4)	7977(10-II-1)
369	2	-9.10(4)	-1.51(4)	-1.31(10-II-1)	-216541(4)	-23787(4)	8327(10-II-1)
369	3	-9.00(4)	-1.53(4)	-1.31(10-II-1)	-216233(4)	-24282(4)	8592(10-II-1)
369	4	-8.90(4)	-1.52(4)	-1.32(10-II-1)	-215755(4)	-24738(4)	8877(10-II-1)
369	5	-9.18(4)	-1.76(4)	-1.29(10-II-1)	-236028(4)	-23619(4)	7977(10-II-1)
369	6	-9.17(4)	-1.62(4)	-1.27(10-II-1)	-235882(4)	-23577(4)	8648(10-II-1)
369	7	-9.01(4)	-1.68(4)	-1.24(10-II-1)	-234931(4)	-24475(4)	9482(10-II-1)
369	8	-8.79(4)	-1.71(4)	-1.24(10-II-1)	-233398(4)	-26052(4)	9730(10-II-1)
369	9	-9.36(4)	-2.13(4)	-1.26(10-II-1)	-258006(4)	-24410(4)	7783(10-II-1)
369	10	-9.31(4)	-1.83(4)	-1.24(10-II-1)	-257461(4)	-26707(4)	8907(10-II-1)
369	11	-9.09(4)	-1.91(4)	-1.30(10-II-1)	-255684(4)	-26302(4)	9163(10-II-1)
369	12	-8.84(4)	-2.02(4)	-1.17(10-II-1)	-252976(4)	-24328(4)	10635(10-II-1)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
369	13	-9.76(4)	-2.33(4)	1.68(12-I-1)	-282032(4)	-27895(4)	12819(4)
369	14	-7.86(4)	-2.75(4)	-1.43(10-II-1)	-268892(4)	-30455(4)	7864(10-II-1)
369	15	-8.48(4)	-2.46(4)	-1.73(10-II-1)	-269917(4)	-32792(4)	5084(10-II-1)
369	16	-10.05(4)	-2.01(4)	-1.88(10-II-1)	-278192(4)	-34087(4)	-4330(12-I-1)
370	1	-9.22(4)	-1.28(4)	-1.40(10-II-1)	-188553(4)	-22253(4)	7474(10-II-1)
370	2	-9.17(4)	-1.29(4)	-1.40(10-II-1)	-188656(4)	-22674(4)	7645(10-II-1)
370	3	-9.12(4)	-1.30(4)	-1.40(10-II-1)	-188695(4)	-23076(4)	7800(10-II-1)
370	4	-9.05(4)	-1.31(4)	-1.41(10-II-1)	-188671(4)	-23460(4)	7946(10-II-1)
370	5	-9.20(4)	-1.32(4)	-1.38(10-II-1)	-193781(4)	-22514(4)	7583(10-II-1)
370	6	-9.15(4)	-1.33(4)	-1.38(10-II-1)	-193864(4)	-22949(4)	7772(10-II-1)
370	7	-9.09(4)	-1.34(4)	-1.39(10-II-1)	-193862(4)	-23361(4)	7952(10-II-1)
370	8	-9.02(4)	-1.36(4)	-1.39(10-II-1)	-193785(4)	-23749(4)	8109(10-II-1)
370	9	-9.18(4)	-1.37(4)	-1.36(10-II-1)	-199210(4)	-22775(4)	7675(10-II-1)
370	10	-9.13(4)	-1.37(4)	-1.36(10-II-1)	-199269(4)	-23180(4)	7896(10-II-1)
370	11	-9.07(4)	-1.39(4)	-1.37(10-II-1)	-199216(4)	-23610(4)	8112(10-II-1)
370	12	-8.99(4)	-1.41(4)	-1.38(10-II-1)	-199066(4)	-24051(4)	8289(10-II-1)
370	13	-9.17(4)	-1.40(4)	-1.35(10-II-1)	-204850(4)	-22915(4)	7740(10-II-1)
370	14	-9.10(4)	-1.42(4)	-1.34(10-II-1)	-204905(4)	-23364(4)	8021(10-II-1)
370	15	-9.05(4)	-1.42(4)	-1.35(10-II-1)	-204778(4)	-23820(4)	8286(10-II-1)
370	16	-8.99(4)	-1.45(4)	-1.36(10-II-1)	-204512(4)	-24279(4)	8495(10-II-1)
371	1	-9.63(4)	-0.91(4)	-1.57(10-II-1)	-134544(4)	-17619(4)	7552(10-I-3)
371	2	-9.59(4)	-0.92(4)	-1.58(10-II-1)	-134696(4)	-18068(4)	7572(10-I-3)
371	3	-9.56(4)	-0.93(4)	-1.59(10-II-1)	-134830(4)	-18464(4)	7591(10-I-3)
371	4	-9.52(4)	-0.94(4)	-1.60(10-II-1)	-134946(4)	-18809(4)	7609(10-I-3)
371	5	-9.57(4)	-0.93(4)	-1.55(10-II-1)	-139428(4)	-18131(4)	7214(10-I-3)
371	6	-9.54(4)	-0.95(4)	-1.56(10-II-1)	-139594(4)	-18581(4)	7237(10-I-3)
371	7	-9.50(4)	-0.96(4)	-1.57(10-II-1)	-139738(4)	-18978(4)	7260(10-I-3)
371	8	-9.46(4)	-0.97(4)	-1.58(10-II-1)	-139862(4)	-19324(4)	7282(10-I-3)
371	9	-9.51(4)	-0.97(4)	-1.53(10-II-1)	-144933(4)	-18685(4)	7169(11-I-4)
371	10	-9.48(4)	-0.98(4)	-1.54(10-II-1)	-145108(4)	-19135(4)	7219(11-I-4)
371	11	-9.44(4)	-0.99(4)	-1.55(10-II-1)	-145259(4)	-19532(4)	7268(11-I-4)
371	12	-9.40(4)	-1.00(4)	-1.56(10-II-1)	-145386(4)	-19878(4)	7315(11-I-4)
371	13	-9.46(4)	-1.01(4)	-1.51(10-II-1)	-151049(4)	-19274(4)	7174(11-I-4)
371	14	-9.42(4)	-1.02(4)	-1.52(10-II-1)	-151230(4)	-19722(4)	7233(11-I-4)
371	15	-9.38(4)	-1.03(4)	-1.53(10-II-1)	-151382(4)	-20118(4)	7291(11-I-4)
371	16	-9.34(4)	-1.04(4)	-1.53(10-II-1)	-151507(4)	-20465(4)	7347(11-I-4)
372	1	-9.40(4)	-1.05(4)	-1.49(10-II-1)	-157769(4)	-19889(4)	7163(11-I-4)
372	2	-9.37(4)	-1.06(4)	-1.50(10-II-1)	-157950(4)	-20334(4)	7234(11-I-4)
372	3	-9.32(4)	-1.07(4)	-1.50(10-II-1)	-158099(4)	-20729(4)	7302(11-I-4)
372	4	-9.28(4)	-1.08(4)	-1.51(10-II-1)	-158214(4)	-21074(4)	7368(11-I-4)
372	5	-9.35(4)	-1.10(4)	-1.47(10-II-1)	-165088(4)	-20519(4)	7139(11-I-4)
372	6	-9.31(4)	-1.11(4)	-1.47(10-II-1)	-165266(4)	-20960(4)	7223(11-I-4)
372	7	-9.27(4)	-1.12(4)	-1.48(10-II-1)	-165402(4)	-21352(4)	7305(11-I-4)
372	8	-9.22(4)	-1.13(4)	-1.49(10-II-1)	-165500(4)	-21699(4)	7383(11-I-4)
372	9	-9.30(4)	-1.16(4)	-1.44(10-II-1)	-173007(4)	-21147(4)	7115(10-II-1)
372	10	-9.26(4)	-1.17(4)	-1.45(10-II-1)	-173174(4)	-21591(4)	7222(10-II-1)
372	11	-9.21(4)	-1.18(4)	-1.45(10-II-1)	-173290(4)	-21983(4)	7323(10-II-1)
372	12	-9.16(4)	-1.19(4)	-1.46(10-II-1)	-173357(4)	-22326(4)	7419(10-II-1)
372	13	-9.25(4)	-1.23(4)	-1.42(10-II-1)	-181531(4)	-21791(4)	7337(10-II-1)
372	14	-9.21(4)	-1.24(4)	-1.42(10-II-1)	-181672(4)	-22215(4)	7465(10-II-1)
372	15	-9.16(4)	-1.25(4)	-1.43(10-II-1)	-181751(4)	-22611(4)	7588(10-II-1)
372	16	-9.10(4)	-1.26(4)	-1.43(10-II-1)	-181779(4)	-22979(4)	7700(10-II-1)
373	1	-10.28(4)	-0.96(4)	-1.72(10-II-1)	-153808(13-I-4)	-19797(13-I-4)	9326(10-I-3)
373	2	-10.27(4)	-0.96(4)	-1.72(10-II-1)	-153635(13-I-4)	-19795(13-I-4)	9322(10-I-3)
373	3	-10.23(4)	-0.98(4)	-1.73(10-II-1)	-153451(13-I-4)	-19806(13-I-4)	9316(10-I-3)
373	4	-10.21(4)	-0.98(4)	-1.74(10-II-1)	-153260(13-I-4)	-19828(13-I-4)	9304(10-I-3)
373	5	-10.23(4)	-0.94(4)	-1.71(10-II-1)	-145095(13-I-4)	-18742(13-I-4)	9360(10-I-3)
373	6	-10.21(4)	-0.94(4)	-1.72(10-II-1)	-144943(13-I-4)	-18745(13-I-4)	9354(10-I-3)
373	7	-10.18(4)	-0.95(4)	-1.73(10-II-1)	-144786(13-I-4)	-18758(13-I-4)	9341(10-I-3)
373	8	-10.15(4)	-0.96(4)	-1.73(10-II-1)	-144623(13-I-4)	-18781(13-I-4)	9330(10-I-3)
373	9	-10.17(4)	-0.91(4)	-1.71(10-II-1)	-136945(13-I-4)	-17741(13-I-4)	9347(10-I-3)
373	10	-10.15(4)	-0.92(4)	-1.71(10-II-1)	-136798(13-I-4)	-17766(13-I-4)	9346(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
373	11	-10.12(4)	-0.93(4)	-1.72(10-II-1)	-136651(13-I-4)	-17781(13-I-4)	9343(10-I-3)
373	12	-10.10(4)	-0.93(4)	-1.73(10-II-1)	-136501(13-I-4)	-17788(13-I-4)	9337(10-I-3)
373	13	-10.12(4)	-0.89(4)	-1.70(10-II-1)	-129303(13-I-4)	-16796(13-I-4)	9309(10-I-3)
373	14	-10.09(4)	-0.90(4)	-1.71(10-II-1)	-129170(13-I-4)	-16824(13-I-4)	9310(10-I-3)
373	15	-10.07(4)	-0.91(4)	-1.71(10-II-1)	-129033(13-I-4)	-16843(13-I-4)	9308(10-I-3)
373	16	-10.04(4)	-0.92(4)	-1.72(10-II-1)	-128892(13-I-4)	-16906(1)	9304(10-I-3)
374	1	-9.85(4)	-0.85(4)	-1.64(10-II-1)	-121472(4)	-16137(4)	8636(10-I-3)
374	2	-9.82(4)	-0.86(4)	-1.65(10-II-1)	-121540(4)	-16564(4)	8646(10-I-3)
374	3	-9.79(4)	-0.87(4)	-1.66(10-II-1)	-121596(4)	-16939(4)	8655(10-I-3)
374	4	-9.76(4)	-0.89(4)	-1.66(10-II-1)	-121640(4)	-17283(5)	8662(10-I-3)
374	5	-9.79(4)	-0.86(4)	-1.63(10-II-1)	-123741(4)	-16412(4)	8409(10-I-3)
374	6	-9.76(4)	-0.87(4)	-1.63(10-II-1)	-123835(4)	-16847(4)	8420(10-I-3)
374	7	-9.73(4)	-0.88(4)	-1.64(10-II-1)	-123916(4)	-17229(4)	8431(10-I-3)
374	8	-9.70(4)	-0.89(4)	-1.65(10-II-1)	-123982(4)	-17575(5)	8441(10-I-3)
374	9	-9.74(4)	-0.87(4)	-1.61(10-II-1)	-126686(4)	-16754(4)	8151(10-I-3)
374	10	-9.71(4)	-0.88(4)	-1.62(10-II-1)	-126803(4)	-17195(4)	8165(10-I-3)
374	11	-9.67(4)	-0.89(4)	-1.63(10-II-1)	-126905(4)	-17584(4)	8178(10-I-3)
374	12	-9.64(4)	-0.90(4)	-1.63(10-II-1)	-126991(4)	-17922(4)	8191(10-I-3)
374	13	-9.68(4)	-0.89(4)	-1.59(10-II-1)	-130292(4)	-17158(4)	7865(10-I-3)
374	14	-9.65(4)	-0.90(4)	-1.60(10-II-1)	-130428(4)	-17604(4)	7882(10-I-3)
374	15	-9.62(4)	-0.91(4)	-1.61(10-II-1)	-130548(4)	-17997(4)	7898(10-I-3)
374	16	-9.58(4)	-0.92(4)	-1.62(10-II-1)	-130651(4)	-18340(4)	7913(10-I-3)
375	1	-10.07(4)	-0.87(4)	-1.69(10-II-1)	-122152(13-I-4)	-15902(13-I-4)	9239(10-I-3)
375	2	-10.04(4)	-0.88(4)	-1.70(10-II-1)	-122040(13-I-3)	-16179(4)	9241(10-I-3)
375	3	-10.01(4)	-0.89(4)	-1.70(10-II-1)	-121936(13-I-3)	-16504(4)	9241(10-I-3)
375	4	-9.98(4)	-0.90(4)	-1.71(10-II-1)	-121828(13-I-3)	-16782(4)	9239(10-I-3)
375	5	-10.01(4)	-0.86(4)	-1.68(10-II-1)	-118893(4)	-15763(4)	9136(10-I-3)
375	6	-9.99(4)	-0.87(4)	-1.69(10-II-1)	-118866(4)	-16155(4)	9140(10-I-3)
375	7	-9.96(4)	-0.88(4)	-1.69(10-II-1)	-118829(4)	-16495(4)	9142(10-I-3)
375	8	-9.93(4)	-0.89(4)	-1.70(10-II-1)	-118783(4)	-16788(4)	9142(10-I-3)
375	9	-9.96(4)	-0.85(4)	-1.67(10-II-1)	-119031(4)	-15808(4)	9001(10-I-3)
375	10	-9.93(4)	-0.86(4)	-1.68(10-II-1)	-119038(4)	-16214(4)	9006(10-I-3)
375	11	-9.90(4)	-0.88(4)	-1.68(10-II-1)	-119036(4)	-16567(4)	9011(10-I-3)
375	12	-9.87(4)	-0.89(4)	-1.69(10-II-1)	-119023(4)	-16873(4)	9014(10-I-3)
375	13	-9.90(4)	-0.85(4)	-1.66(10-II-1)	-119896(4)	-15934(4)	8834(10-I-3)
375	14	-9.88(4)	-0.86(4)	-1.66(10-II-1)	-119936(4)	-16351(4)	8842(10-I-3)
375	15	-9.84(4)	-0.87(4)	-1.67(10-II-1)	-119964(4)	-16717(4)	8848(10-I-3)
375	16	-9.81(4)	-0.88(4)	-1.68(10-II-1)	-119981(4)	-17046(5)	8853(10-I-3)
376	1	-10.53(4)	-1.09(4)	-1.72(10-II-1)	-195160(13-I-4)	-24739(13-I-4)	8948(10-I-3)
376	2	-10.52(4)	-1.08(4)	-1.73(10-II-1)	-194936(13-I-4)	-24734(13-I-4)	8925(10-I-3)
376	3	-10.49(4)	-1.09(4)	-1.75(10-II-1)	-194698(13-I-4)	-24723(13-I-4)	8896(10-I-3)
376	4	-10.45(4)	-1.10(4)	-1.76(10-II-1)	-194447(13-I-4)	-24710(13-I-4)	8864(10-I-3)
376	5	-10.46(4)	-1.05(4)	-1.72(10-II-1)	-183835(13-I-4)	-23399(13-I-4)	9075(10-I-3)
376	6	-10.44(4)	-1.05(4)	-1.73(10-II-1)	-183626(13-I-4)	-23399(13-I-4)	9059(10-I-3)
376	7	-10.42(4)	-1.06(4)	-1.74(10-II-1)	-183408(13-I-4)	-23394(13-I-4)	9040(10-I-3)
376	8	-10.39(4)	-1.07(4)	-1.75(10-II-1)	-183176(13-I-4)	-23383(13-I-4)	9017(10-I-3)
376	9	-10.40(4)	-1.02(4)	-1.72(10-II-1)	-173172(13-I-4)	-22124(13-I-4)	9193(10-I-3)
376	10	-10.38(4)	-1.03(4)	-1.73(10-II-1)	-172976(13-I-4)	-22150(13-I-4)	9178(10-I-3)
376	11	-10.36(4)	-1.01(4)	-1.74(10-II-1)	-172775(13-I-4)	-22151(13-I-4)	9155(10-I-3)
376	12	-10.33(4)	-1.02(4)	-1.75(10-II-1)	-172571(13-I-4)	-22125(13-I-4)	9134(10-I-3)
376	13	-10.34(4)	-0.98(4)	-1.71(10-II-1)	-163160(13-I-4)	-20918(13-I-4)	9266(10-I-3)
376	14	-10.32(4)	-0.99(4)	-1.71(10-II-1)	-162965(13-I-4)	-20951(13-I-4)	9261(10-I-3)
376	15	-10.30(4)	-1.00(4)	-1.72(10-II-1)	-162766(13-I-4)	-20957(13-I-4)	9254(10-I-3)
376	16	-10.27(4)	-1.02(4)	-1.73(10-II-1)	-162566(13-I-4)	-20938(13-I-4)	9240(10-I-3)
377	1	-10.83(4)	-1.34(4)	-1.48(10-II-1)	-257174(11-I-4)	-32138(11-I-4)	8409(10-I-3)
377	2	-11.27(4)	-1.28(4)	-1.67(10-II-1)	-256614(11-I-4)	-32108(11-I-4)	8441(10-I-3)
377	3	-11.24(4)	-1.28(4)	-1.83(10-II-1)	-256153(11-I-4)	-32051(11-I-4)	8408(10-I-3)
377	4	-10.72(4)	-1.34(4)	-2.01(10-II-1)	-255786(11-I-4)	-31979(11-I-4)	8372(10-I-3)
377	5	-10.80(4)	-1.22(4)	-1.64(10-II-1)	-239948(11-I-4)	-30047(11-I-4)	8574(10-I-3)
377	6	-10.89(4)	-1.16(4)	-1.69(10-II-1)	-239527(11-I-4)	-30041(11-I-4)	8498(10-I-3)
377	7	-10.85(4)	-1.16(4)	-1.81(10-II-1)	-239121(11-I-4)	-30002(11-I-4)	8450(10-I-3)
377	8	-10.70(4)	-1.23(4)	-1.84(10-II-1)	-238674(11-I-4)	-29937(11-I-4)	8365(10-I-3)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
377	9	-10.70(4)	-1.17(4)	-1.69(10-II-1)	-223659(11-I-4)	-28142(11-I-4)	8686(10-I-3)
377	10	-10.71(4)	-1.13(4)	-1.73(10-II-1)	-223319(11-I-4)	-28117(11-I-4)	8631(10-I-3)
377	11	-10.68(4)	-1.14(4)	-1.77(10-II-1)	-222913(11-I-4)	-28096(11-I-4)	8567(10-I-3)
377	12	-10.61(4)	-1.17(4)	-1.79(10-II-1)	-222492(11-I-4)	-28080(11-I-4)	8512(10-I-3)
377	13	-10.61(4)	-1.12(4)	-1.71(10-II-1)	-208259(11-I-4)	-26334(11-I-4)	8812(10-I-3)
377	14	-10.60(4)	-1.11(4)	-1.73(10-II-1)	-207923(11-I-4)	-26321(11-I-4)	8777(10-I-3)
377	15	-10.57(4)	-1.12(4)	-1.75(10-II-1)	-207566(11-I-4)	-26314(11-I-4)	8735(10-I-3)
377	16	-10.53(4)	-1.13(4)	-1.77(10-II-1)	-207188(11-I-4)	-26308(11-I-4)	8690(10-I-3)
378	1	9.54(11-I-2)	0.90(13-I-2)	-3.42(2)	39910(11-I-2)	5302(11-I-2)	27143(12-I-1)
378	2	-8.62(13-II-2)	-0.60(11-II-2)	-3.29(10-II-1)	-41703(13-II-2)	3226(11-I-2)	23955(12-I-1)
378	3	-11.37(13-II-2)	-0.82(13-II-2)	-3.10(10-II-1)	-54403(13-II-2)	-3915(13-II-2)	19282(12-I-1)
378	4	-13.11(13-II-2)	-0.92(13-II-2)	-2.58(10-II-1)	-70181(4)	-5210(13-II-2)	10543(12-I-1)
378	5	-13.17(13-II-2)	-0.80(13-II-2)	-1.82(10-II-1)	-69888(4)	-5690(10-I-3)	-12212(10-II-1)
378	6	-11.44(13-II-2)	-0.70(13-II-2)	2.71(12-I-1)	-54838(13-II-2)	-4204(10-I-3)	-19909(4)
378	7	-8.77(13-II-2)	0.61(11-I-2)	3.20(12-I-1)	-42419(13-II-2)	-3275(11-II-2)	-23929(4)
378	8	9.55(11-I-2)	0.99(11-I-2)	3.56(12-I-1)	39531(11-I-2)	2561(13-I-2)	-26485(4)
378	9	12.91(11-I-2)	1.23(11-I-2)	3.29(12-I-1)	52750(11-I-2)	5772(12-I-1)	-27804(4)
378	10	15.44(11-I-3)	1.70(11-I-3)	1.99(12-I-1)	79131(13-I-3)	12438(12-I-1)	-17993(4)
378	11	14.56(11-I-3)	1.59(13-I-3)	1.02(12-I-1)	108022(4)	11467(12-I-1)	-4680(4)
378	12	14.60(11-I-3)	1.57(13-I-3)	-1.12(10-II-1)	109006(4)	12762(4)	4878(8)
378	13	15.72(11-I-3)	1.57(13-I-3)	-2.03(2)	80804(13-I-3)	12763(2)	16324(12-I-1)
378	14	12.94(11-I-3)	1.03(13-I-3)	-3.15(2)	53512(11-I-2)	8126(11-I-2)	27885(12-I-1)
378	15	13.07(11-I-3)	1.84(13-I-3)	-1.30(10-II-1)	71728(11-I-3)	-3916(13-II-2)	-7762(10-II-1)
379	1	9.68(11-I-2)	1.04(13-I-2)	-3.82(2)	40284(11-I-2)	5569(11-I-1)	25176(12-I-1)
379	2	-8.44(13-II-2)	-0.71(13-II-2)	-3.67(10-II-1)	-40667(13-II-2)	3378(11-I-1)	22282(12-I-1)
379	3	-11.20(13-II-2)	-0.95(13-II-2)	-3.45(10-II-1)	-53380(13-II-1)	-4166(13-II-2)	18190(12-I-1)
379	4	-12.98(13-II-1)	-1.06(13-II-2)	-2.88(10-II-1)	-70287(4)	-5614(13-II-2)	9977(12-I-1)
379	5	-13.05(13-II-1)	-0.98(13-II-2)	-2.07(10-II-1)	-70153(4)	-6354(10-I-3)	-13491(10-II-1)
379	6	-11.26(13-II-2)	-0.84(13-II-2)	2.67(12-I-1)	-53736(13-II-2)	-4936(11-II-2)	-21073(2)
379	7	-8.51(13-II-2)	0.75(11-I-2)	3.13(12-I-1)	-41034(13-II-2)	-3864(11-II-2)	-24976(2)
379	8	9.64(11-I-2)	1.16(11-I-2)	3.45(12-I-1)	39773(11-I-2)	3571(13-I-2)	-27524(2)
379	9	13.10(11-I-3)	1.45(11-I-2)	3.20(12-I-1)	53207(11-I-2)	6070(12-I-1)	-28597(4)
379	10	15.87(11-I-3)	1.91(11-I-3)	2.01(12-I-1)	80778(11-I-3)	12573(12-I-1)	-17896(4)
379	11	14.92(11-I-3)	1.77(13-I-3)	1.02(12-I-1)	110560(4)	11748(10-I-1)	-4803(4)
379	12	14.95(11-I-3)	1.73(13-I-3)	-1.23(10-II-1)	111565(4)	13679(4)	4646(4)
379	13	16.12(11-I-3)	1.69(13-I-3)	-2.21(2)	82649(11-I-3)	13092(2)	15614(8)
379	14	13.22(11-I-3)	1.17(13-I-3)	-3.49(2)	54346(11-I-2)	8408(11-I-2)	26008(12-I-1)
379	15	13.35(11-I-3)	2.04(13-I-3)	-1.44(10-II-1)	72628(11-I-3)	-3663(13-II-2)	-8390(10-II-1)
380	1	9.75(11-I-2)	1.10(11-I-2)	-3.26(10-II-1)	40709(11-I-2)	5444(11-I-2)	21376(12-I-1)
380	2	-8.56(13-II-2)	0.73(11-I-2)	-3.28(10-II-1)	-38194(13-II-2)	3241(11-I-2)	19513(12-I-1)
380	3	-11.38(13-II-1)	-0.93(13-II-2)	-3.21(10-II-1)	-50324(13-II-1)	-3973(13-II-2)	16701(12-I-1)
380	4	-13.28(13-II-1)	-1.11(13-II-2)	-2.79(10-II-1)	-62798(4)	-5185(13-II-2)	10267(12-I-1)
380	5	-13.36(13-II-1)	-1.05(13-II-2)	-2.31(10-II-1)	-62927(4)	-5258(13-II-2)	-14107(10-II-1)
380	6	-11.43(13-II-1)	-0.88(13-II-2)	2.30(12-I-1)	-50620(13-II-1)	-4244(13-II-2)	-19821(2)
380	7	-8.59(13-II-2)	0.80(11-I-2)	2.52(12-I-1)	-38391(13-II-2)	-3246(13-II-2)	-22535(2)
380	8	9.73(11-I-2)	1.18(11-I-2)	2.80(12-I-1)	40520(11-I-2)	4637(13-I-2)	-24124(2)
380	9	13.44(11-I-3)	1.50(11-I-3)	2.66(12-I-1)	54118(11-I-3)	5213(13-I-3)	-27594(2)
380	10	16.78(11-I-3)	1.79(11-I-3)	1.64(12-I-1)	78067(11-I-3)	9416(10-I-1)	-19135(4)
380	11	16.42(11-I-3)	1.71(13-I-3)	1.01(12-I-1)	90465(11-I-3)	8193(13-I-3)	-7512(2)
380	12	16.43(11-I-3)	1.76(11-I-3)	-1.15(10-II-1)	90818(11-I-3)	9471(11-I-3)	6861(12-I-1)
380	13	16.83(11-I-3)	1.70(13-I-3)	-1.71(2)	78858(11-I-3)	10947(4)	16871(8)
380	14	13.49(11-I-3)	1.37(13-I-3)	-2.85(10-II-1)	54849(11-I-3)	7716(11-I-2)	24116(12-I-1)
380	15	14.50(11-I-3)	1.77(13-I-3)	-1.39(10-II-1)	65325(11-I-3)	4768(11-I-2)	-7876(10-II-1)
381	1	-12.66(13-II-1)	-1.10(13-II-2)	-2.18(10-II-1)	-66754(4)	-8735(4)	-18913(2)
381	2	-11.97(13-II-1)	-1.34(13-II-2)	-2.65(10-II-1)	-80463(4)	-7502(4)	-13364(10-II-1)
381	3	-11.94(13-II-1)	-1.37(13-II-2)	-3.18(10-II-1)	-80413(4)	-7592(2)	-10495(10-II-1)
381	4	-12.56(13-II-1)	-1.20(13-II-2)	-3.62(10-II-1)	-66715(2)	-8917(2)	11787(12-I-1)
381	5	-10.78(13-II-1)	-0.99(13-II-2)	3.08(12-I-1)	-50798(13-II-1)	-7906(13-II-2)	-32915(2)
381	6	-10.40(13-II-1)	-1.15(13-II-2)	-2.50(10-II-1)	-54389(13-II-1)	-5311(13-II-2)	-16903(10-II-1)
381	7	-10.37(13-II-1)	-1.20(13-II-2)	-3.43(10-II-1)	-54132(13-II-1)	-4421(13-II-2)	10930(12-I-1)
381	8	-10.70(13-II-1)	-1.12(13-II-2)	-4.57(2)	-50079(13-II-1)	-6701(2)	22930(12-I-1)
381	9	-8.11(13-II-1)	-0.72(13-II-2)	3.67(12-I-1)	-38555(13-II-1)	-5888(11-II-2)	-39950(2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
381	10	-7.80(13-II-1)	-0.86(13-II-2)	-2.33(10-II-1)	-41419(13-II-1)	-4312(13-II-2)	-18332(10-II-1)
381	11	-7.77(13-II-1)	-0.91(13-II-2)	-3.58(10-II-1)	-41153(13-II-1)	-3559(13-II-2)	13253(12-I-1)
381	12	-8.03(13-II-1)	-0.85(13-II-2)	-5.19(2)	-37838(13-II-1)	-3629(13-II-1)	28447(12-I-1)
381	13	9.47(11-I-1)	1.16(11-I-2)	3.96(12-I-1)	39636(11-I-1)	-3832(11-II-2)	-44271(2)
381	14	9.55(11-I-1)	1.09(11-I-2)	2.34(12-I-1)	39393(11-I-1)	4315(11-I-2)	-18503(10-II-1)
381	15	9.58(11-I-1)	1.02(11-I-2)	-3.46(10-II-1)	39705(11-I-1)	4781(11-I-2)	14432(12-I-1)
381	16	9.58(11-I-1)	0.94(11-I-2)	-5.45(2)	40475(11-I-1)	4913(11-I-1)	31873(12-I-1)
381	17	12.99(11-I-3)	1.69(11-I-2)	3.71(12-I-1)	57812(11-I-3)	8947(12-I-1)	-43042(2)
381	18	12.85(11-I-3)	1.63(11-I-2)	1.99(12-I-1)	60520(11-I-3)	5597(13-I-3)	-16694(10-II-1)
381	19	12.92(11-I-4)	1.51(11-I-3)	-2.80(10-II-1)	60797(11-I-3)	6796(11-I-2)	13428(12-I-1)
381	20	13.19(11-I-4)	1.35(13-I-3)	-5.02(2)	59116(11-I-4)	11162(10-II-1)	32335(8)
381	21	16.33(11-I-3)	1.95(11-I-2)	1.94(12-I-1)	85117(11-I-3)	12550(10-I-1)	-20436(4)
381	22	15.20(11-I-3)	2.16(11-I-3)	1.14(12-I-1)	103155(4)	11799(4)	-6433(2)
381	23	15.29(11-I-3)	2.06(13-I-3)	-1.58(10-II-1)	104174(4)	13228(4)	4717(12-I-1)
381	24	16.61(11-I-3)	1.62(13-I-3)	-2.60(2)	86902(11-I-3)	15121(4)	16287(4)
382	1	-12.86(13-II-1)	-1.09(13-II-2)	-2.50(10-II-1)	-60804(2)	-6966(4)	-18457(2)
382	2	-12.61(13-II-1)	-1.38(2)	-2.77(10-II-1)	-66641(2)	-6124(2)	-13936(10-II-1)
382	3	-12.58(13-II-1)	-1.43(2)	-3.06(10-II-1)	-66682(2)	-6350(2)	-10414(10-II-1)
382	4	-12.84(2)	-1.25(2)	-3.31(10-II-1)	-60910(2)	-7550(2)	11284(12-I-1)
382	5	-10.91(13-II-1)	-0.98(13-II-2)	2.41(12-I-1)	-47979(13-II-1)	-5900(13-II-2)	-29247(2)
382	6	-10.81(13-II-1)	-1.03(13-II-2)	-2.67(10-II-1)	-49005(13-II-1)	-4342(13-II-2)	-16842(10-II-1)
382	7	-10.78(13-II-1)	-1.05(13-II-2)	-3.25(10-II-1)	-48835(13-II-1)	-3860(13-II-2)	10670(12-I-1)
382	8	-10.83(13-II-1)	-1.04(13-II-2)	-3.87(10-II-1)	-47452(13-II-1)	-5503(2)	19893(12-I-1)
382	9	-8.17(13-II-1)	-0.72(13-II-2)	2.73(12-I-1)	-36255(13-II-1)	-4391(13-II-2)	-33468(2)
382	10	-8.06(13-II-1)	-0.79(13-II-2)	-2.56(10-II-1)	-37278(13-II-1)	-3520(13-II-2)	-17642(10-II-1)
382	11	-8.04(13-II-1)	-0.82(13-II-2)	-3.27(10-II-1)	-37110(13-II-1)	-3144(13-II-2)	12325(12-I-1)
382	12	-8.10(13-II-1)	-0.78(13-II-2)	-3.99(10-II-1)	-35762(13-II-1)	-3294(13-II-1)	23546(12-I-1)
382	13	9.62(11-I-1)	1.04(11-I-2)	2.93(12-I-1)	40530(11-I-1)	3649(11-I-2)	-36877(2)
382	14	9.67(11-I-4)	0.96(11-I-2)	-2.30(10-II-1)	40258(11-I-1)	4141(11-I-2)	-17603(10-II-1)
382	15	9.69(11-I-4)	0.92(11-I-2)	-3.12(10-II-1)	40398(11-I-1)	4283(11-I-2)	13268(12-I-1)
382	16	9.68(11-I-4)	0.94(11-I-2)	-3.95(10-II-1)	40919(11-I-4)	4057(11-I-1)	26290(12-I-1)
382	17	13.50(11-I-4)	1.48(11-I-3)	2.91(12-I-1)	57372(11-I-4)	5821(10-I-1)	-38324(2)
382	18	13.55(11-I-4)	1.38(11-I-2)	1.87(12-I-1)	57584(11-I-4)	5029(11-I-3)	-16618(2)
382	19	13.58(11-I-4)	1.33(11-I-3)	-2.64(10-II-1)	57770(11-I-4)	5803(11-I-2)	12987(12-I-1)
382	20	13.57(11-I-4)	1.38(11-I-3)	-3.79(2)	58014(11-I-4)	7738(11-I-2)	28577(8)
382	21	17.33(11-I-3)	1.68(11-I-3)	1.53(12-I-1)	80850(11-I-3)	8933(13-I-3)	-19271(2)
382	22	16.89(11-I-3)	1.94(11-I-3)	1.00(12-I-1)	87701(11-I-3)	8144(13-I-3)	-7550(2)
382	23	16.92(11-I-3)	1.89(13-I-3)	-1.37(10-II-1)	87977(11-I-3)	8667(11-I-3)	5771(12-I-1)
382	24	17.44(11-I-3)	1.56(11-I-3)	-1.98(2)	81634(11-I-3)	11701(4)	15257(4)
383	1	-12.38(13-II-1)	-1.23(2)	-2.17(10-II-1)	-66938(2)	-9375(4)	-19401(2)
383	2	-11.67(13-II-1)	-1.62(2)	-2.68(10-II-1)	-79998(2)	-8652(2)	-13639(10-II-1)
383	3	-11.60(13-II-1)	-1.68(2)	-3.24(10-II-1)	-80012(2)	-9004(2)	-10570(10-II-1)
383	4	-12.19(2)	-1.41(2)	-3.72(10-II-1)	-66807(2)	-10250(2)	11216(12-I-1)
383	5	-10.51(13-II-1)	-1.01(2)	3.05(12-I-1)	-49433(13-II-1)	-7610(13-II-2)	-33121(2)
383	6	-10.09(13-II-1)	-1.24(2)	-2.45(10-II-1)	-52635(13-II-1)	-5267(13-II-2)	-17206(10-II-1)
383	7	-10.03(13-II-1)	-1.29(2)	-3.46(10-II-1)	-52269(13-II-1)	-5271(2)	10679(12-I-1)
383	8	-10.33(13-II-1)	-1.19(2)	-4.66(2)	-48283(13-II-1)	-7821(2)	21670(12-I-1)
383	9	-7.84(13-II-1)	-0.69(13-II-2)	3.65(12-I-1)	-37263(13-II-1)	-5743(11-II-2)	-39666(2)
383	10	-7.50(13-II-1)	-0.85(13-II-2)	2.30(12-I-1)	-39842(13-II-1)	-4328(13-II-2)	-18629(10-II-1)
383	11	-7.45(13-II-1)	-0.91(13-II-2)	-3.59(10-II-1)	-39484(13-II-1)	-3548(13-II-1)	12852(12-I-1)
383	12	-7.68(13-II-1)	-0.87(13-II-2)	-5.25(2)	-36195(13-II-1)	-3512(13-II-4)	26707(12-I-1)
383	13	9.75(11-I-4)	0.99(11-I-2)	3.94(12-I-1)	40683(11-I-4)	-4061(11-II-2)	-43887(2)
383	14	9.85(11-I-4)	0.92(11-I-2)	2.39(12-I-1)	40263(11-I-4)	3702(11-I-2)	-18860(10-II-1)
383	15	9.89(11-I-4)	0.86(11-I-2)	-3.46(10-II-1)	40560(11-I-4)	4027(11-I-2)	13946(12-I-1)
383	16	9.88(11-I-4)	0.79(11-I-2)	-5.49(2)	41522(11-I-4)	3965(11-I-1)	31305(8)
383	17	13.43(11-I-4)	1.53(11-I-2)	3.66(12-I-1)	59460(11-I-4)	8436(10-I-1)	-43015(2)
383	18	13.28(11-I-4)	1.50(11-I-2)	2.04(12-I-1)	61896(11-I-4)	5203(13-I-3)	-16990(10-II-1)
383	19	13.35(11-I-4)	1.40(11-I-3)	-2.79(10-II-1)	62224(11-I-4)	6223(11-I-2)	13076(12-I-1)
383	20	13.61(11-I-4)	1.25(13-I-3)	-5.04(2)	60669(11-I-4)	10536(10-II-1)	32997(4)
383	21	16.88(11-I-4)	1.77(11-I-2)	1.92(12-I-1)	87845(11-I-3)	11493(10-I-1)	-20240(2)
383	22	15.69(11-I-4)	2.03(4)	1.17(12-I-1)	108196(4)	11863(4)	-6131(2)
383	23	15.77(11-I-4)	1.95(13-I-3)	-1.57(10-II-1)	109326(4)	13444(4)	4665(10-I-1)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
383	24	17.13(11-I-4)	1.52(13-I-3)	-2.58(2)	89297(11-I-3)	15162(4)	17093(4)
384	1	-12.87(2)	-1.46(2)	-2.53(10-II-1)	-59442(2)	-8196(2)	-18055(2)
384	2	-12.60(2)	-1.73(2)	-2.79(10-II-1)	-63822(2)	-7513(2)	-14045(10-II-1)
384	3	-12.57(2)	-1.76(2)	-3.06(10-II-1)	-63746(2)	-7735(2)	-10523(10-II-1)
384	4	-12.82(2)	-1.67(2)	-3.28(10-II-1)	-59235(2)	-8420(2)	10236(12-I-1)
384	5	-10.54(13-II-1)	-1.09(2)	2.22(12-I-1)	-45888(13-II-1)	-5893(2)	-27601(2)
384	6	-10.46(13-II-1)	-1.23(2)	-2.66(10-II-1)	-46458(13-II-1)	-4743(2)	-16553(10-II-1)
384	7	-10.43(13-II-1)	-1.27(2)	-3.18(10-II-1)	-46280(13-II-1)	-4839(2)	10022(12-I-1)
384	8	-10.44(13-II-1)	-1.32(2)	-3.73(10-II-1)	-45332(13-II-1)	-6304(2)	17559(12-I-1)
384	9	-7.83(13-II-1)	-0.73(13-II-2)	2.49(12-I-1)	-34369(13-II-1)	-4224(13-II-2)	-30872(2)
384	10	-7.75(13-II-1)	-0.80(13-II-2)	-2.54(10-II-1)	-35030(13-II-1)	-3543(13-II-2)	-17131(10-II-1)
384	11	-7.72(13-II-1)	-0.84(13-II-2)	-3.15(10-II-1)	-34861(13-II-1)	-3213(13-II-2)	11435(12-I-1)
384	12	-7.75(13-II-1)	-0.79(2)	-3.77(10-II-1)	-33869(13-II-1)	-3281(2)	20475(12-I-1)
384	13	9.91(11-I-4)	0.85(11-I-2)	2.65(12-I-1)	41849(11-I-4)	3093(11-I-2)	-33742(2)
384	14	9.95(11-I-4)	0.79(11-I-2)	-2.25(10-II-1)	41630(11-I-4)	3475(11-I-2)	-17003(10-II-1)
384	15	9.97(11-I-4)	0.75(11-I-2)	-2.98(10-II-1)	41750(11-I-4)	3518(11-I-2)	12228(12-I-1)
384	16	9.97(11-I-4)	0.79(11-I-2)	-3.71(10-II-1)	42195(11-I-4)	3212(11-I-1)	22709(12-I-1)
384	17	13.91(11-I-4)	1.32(11-I-3)	2.63(12-I-1)	58922(11-I-4)	5364(10-I-1)	-35518(2)
384	18	13.98(11-I-4)	1.25(11-I-3)	1.81(12-I-1)	58815(11-I-4)	4766(11-I-3)	-15774(10-II-1)
384	19	14.00(11-I-4)	1.22(11-I-3)	-2.53(10-II-1)	58962(11-I-4)	5186(11-I-2)	12044(12-I-1)
384	20	13.98(11-I-4)	1.28(11-I-2)	-3.44(10-II-1)	59397(11-I-4)	6454(11-I-2)	26272(4)
384	21	17.96(11-I-4)	1.59(11-I-3)	1.40(10-I-1)	81863(11-I-4)	8441(13-I-3)	-18099(2)
384	22	17.66(11-I-4)	1.84(11-I-3)	0.97(10-I-1)	87063(11-I-4)	7578(11-I-3)	-7200(2)
384	23	17.69(11-I-4)	1.80(11-I-3)	-1.28(12-II-1)	87284(11-I-4)	8092(4)	5571(10-I-1)
384	24	18.07(11-I-4)	1.51(11-I-3)	-1.77(2)	82484(11-I-4)	10702(4)	14566(4)
385	1	-12.08(2)	-1.55(2)	-2.09(10-II-1)	-66694(2)	-10931(2)	-20039(2)
385	2	-11.19(13-II-1)	-1.98(2)	-2.62(10-II-1)	-79986(2)	-10325(2)	-13695(10-II-1)
385	3	-11.08(13-II-1)	-2.09(2)	-3.20(10-II-1)	-79720(2)	-10706(2)	-10271(10-II-1)
385	4	-11.83(2)	-1.84(2)	-3.69(10-II-1)	-65806(2)	-12122(2)	10894(12-I-1)
385	5	-10.08(13-II-1)	-1.29(2)	2.97(12-I-1)	-47630(13-II-1)	-8752(2)	-33928(2)
385	6	-9.63(13-II-1)	-1.57(2)	-2.30(10-II-1)	-50702(13-II-1)	-6521(2)	-17100(10-II-1)
385	7	-9.52(13-II-1)	-1.67(2)	-3.36(10-II-1)	-50191(13-II-1)	-6689(2)	10558(12-I-1)
385	8	-9.77(13-II-1)	-1.60(2)	-4.65(2)	-45932(13-II-1)	-9465(2)	21077(10-I-1)
385	9	-7.46(13-II-1)	-0.70(2)	3.56(12-I-1)	-35654(13-II-1)	-5857(11-II-2)	-40578(2)
385	10	-7.10(13-II-4)	-0.95(2)	2.31(12-I-1)	-38147(13-II-1)	-4691(2)	-18480(10-II-1)
385	11	-7.01(13-II-4)	-1.06(2)	-3.43(10-II-1)	-37654(13-II-1)	-4357(2)	12755(12-I-1)
385	12	-7.18(13-II-4)	-1.07(2)	-5.10(2)	-34096(13-II-4)	-4948(2)	27814(8)
385	13	10.05(11-I-4)	0.79(11-I-2)	3.84(12-I-1)	41879(11-I-4)	-4193(11-II-2)	-44926(2)
385	14	10.16(11-I-4)	0.73(11-I-2)	2.40(12-I-1)	41347(11-I-4)	2998(11-I-2)	-18750(10-II-1)
385	15	10.20(11-I-4)	0.68(11-I-2)	-3.28(10-II-1)	41586(11-I-4)	3135(11-I-1)	13789(10-I-1)
385	16	10.18(11-I-4)	0.63(11-I-2)	-5.30(2)	42596(11-I-4)	2878(11-I-1)	34325(4)
385	17	13.80(11-I-4)	1.36(11-I-2)	3.58(10-I-1)	61155(11-I-4)	8494(10-I-1)	-44001(2)
385	18	13.63(11-I-4)	1.36(11-I-2)	2.06(10-I-1)	63510(11-I-4)	4818(11-I-3)	-16856(12-II-1)
385	19	13.66(11-I-4)	1.29(11-I-3)	-2.65(12-II-1)	63696(11-I-4)	5434(11-I-2)	13044(10-I-1)
385	20	13.84(11-I-4)	1.19(11-I-3)	-4.94(2)	61647(11-I-4)	9663(10-II-1)	36131(4)
385	21	17.35(11-I-4)	1.66(11-I-2)	1.89(10-I-1)	90416(11-I-4)	11355(10-I-1)	-20649(2)
385	22	16.09(11-I-4)	2.08(4)	1.20(10-I-1)	114012(4)	12295(4)	-5992(2)
385	23	16.13(11-I-4)	2.00(4)	-1.49(12-II-1)	115028(4)	13889(4)	4723(10-I-2)
385	24	17.49(11-I-4)	1.54(11-I-3)	-2.57(2)	91446(11-I-4)	15868(4)	18350(4)
386	1	10.91(11-I-4)	0.57(11-I-2)	-4.45(2)	44491(11-I-4)	2295(11-I-1)	20685(10-I-2)
386	2	7.05(11-I-4)	-1.26(2)	-4.29(2)	-33349(13-II-4)	-4643(2)	18355(10-I-1)
386	3	-9.40(13-II-4)	-1.84(2)	-4.09(10-II-1)	-45145(13-II-1)	-7528(2)	14888(10-I-1)
386	4	-11.20(2)	-2.17(2)	-3.52(10-II-1)	-68152(2)	-11089(2)	-7989(10-II-1)
386	5	-11.36(2)	-2.01(2)	-2.50(10-II-1)	-68900(2)	-11839(2)	-18092(2)
386	6	-9.53(13-II-1)	-1.62(2)	2.25(12-I-1)	-46223(13-II-1)	-9371(2)	-26318(2)
386	7	-6.95(13-II-4)	-1.00(2)	2.69(10-I-1)	-34186(13-II-4)	-6760(2)	-30062(2)
386	8	10.79(11-I-4)	0.68(11-I-2)	2.95(10-I-1)	43913(11-I-4)	-3250(13-II-2)	-32710(2)
386	9	14.68(11-I-4)	1.12(11-I-2)	2.70(10-I-1)	59399(11-I-4)	6599(10-I-1)	-33766(2)
386	10	17.75(11-I-4)	1.82(4)	1.65(10-I-1)	91205(11-I-4)	12320(10-I-1)	-21140(2)
386	11	16.64(11-I-4)	1.59(11-I-3)	0.97(10-I-1)	133902(4)	12827(4)	-5896(2)
386	12	16.73(11-I-4)	1.56(11-I-3)	-1.31(12-II-1)	134831(4)	14493(4)	5199(4)
386	13	18.06(11-I-4)	1.54(11-I-3)	-2.50(2)	93548(4)	12788(4)	17952(4)

SOTTOPASSO AL km 0+233.83 - RELAZIONE TECNICA E DI CALCOLO

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
386	14	14.83(11-I-4)	0.97(11-I-4)	-3.99(2)	60092(11-I-4)	5098(10-II-1)	24257(4)
386	15	14.95(11-I-4)	1.99(4)	-1.47(12-II-1)	81051(11-I-4)	-3680(13-I-1)	-8310(12-II-1)
387	1	3.93(2)	-14.63(13-I-4)	-5.02(12-II-3)	13887(12-II-3)	-69531(13-I-3)	25275(10-I-3)
387	2	4.77(2)	-10.74(13-I-4)	-5.99(12-II-3)	21444(12-II-3)	-53274(13-I-4)	25473(10-I-3)
387	3	4.65(2)	9.63(11-II-4)	-5.85(12-II-3)	31807(12-II-3)	37920(11-II-4)	24513(8)
387	4	5.58(2)	14.06(2)	-3.86(2)	43832(2)	95743(2)	21008(4)
387	5	5.58(2)	11.85(11-II-4)	-2.46(12-II-3)	38662(2)	148248(2)	6111(2)
387	6	5.73(2)	11.93(11-II-4)	-1.69(12-II-3)	27420(2)	142783(2)	-7212(2)
387	7	6.11(2)	13.83(2)	2.03(10-I-3)	17796(4)	89646(2)	-27337(2)
387	8	5.26(2)	9.88(11-II-4)	3.51(10-I-3)	13344(4)	39120(11-II-4)	-48457(2)
387	9	4.47(2)	-10.43(13-I-4)	4.22(10-I-3)	17082(2)	-51624(13-I-4)	-44547(2)
387	10	3.31(2)	-14.22(13-I-4)	4.43(10-I-3)	16329(2)	-67379(13-I-3)	-34865(2)
387	11	2.51(12-II-3)	-16.71(13-I-3)	4.42(10-I-3)	13754(2)	-78432(13-I-3)	-26452(12-II-3)
387	12	1.99(12-II-3)	-18.02(13-I-3)	4.05(10-I-3)	8412(12-II-3)	-94007(4)	-14607(12-II-3)
387	13	2.43(12-II-3)	-18.30(13-I-3)	3.43(10-I-3)	6365(12-II-3)	-97128(4)	19478(10-I-3)
387	14	3.16(2)	-17.03(13-I-3)	-3.90(12-II-3)	9199(12-II-3)	-80170(13-I-3)	23608(10-I-3)
387	15	6.50(2)	10.02(11-II-4)	-2.66(12-II-3)	14523(2)	66908(2)	-18448(12-II-3)
388	1	3.04(2)	-13.86(13-I-4)	-5.20(12-II-3)	12360(12-II-3)	-64780(13-I-4)	26405(10-I-3)
388	2	3.54(2)	-10.07(13-I-4)	-5.73(12-II-3)	17881(2)	-48846(13-I-4)	26893(10-I-3)
388	3	3.44(2)	9.94(11-II-4)	-5.26(12-II-3)	26876(12-II-3)	39733(11-II-4)	25501(10-I-3)
388	4	4.45(2)	13.55(2)	-3.41(2)	37077(2)	88047(2)	17837(4)
388	5	4.50(2)	12.06(11-II-4)	-2.26(12-II-3)	32200(2)	132222(2)	5880(2)
388	6	4.59(2)	12.15(11-II-4)	-1.59(12-II-3)	21808(2)	128629(2)	-5446(4)
388	7	4.87(2)	13.54(2)	2.19(10-I-3)	13689(10-I-3)	83876(2)	-22424(2)
388	8	4.06(2)	10.20(11-II-4)	3.78(10-I-3)	9141(11-II-2)	40729(11-II-4)	-40300(2)
388	9	3.46(2)	-9.80(13-I-4)	4.51(10-I-3)	10392(2)	-47839(13-I-4)	-38241(2)
388	10	2.61(2)	-13.58(13-I-4)	4.67(10-I-3)	10331(2)	-63569(13-I-3)	-31858(12-II-3)
388	11	1.92(2)	-16.13(13-I-3)	4.59(10-I-3)	9043(2)	-75058(13-I-3)	-25980(12-II-3)
388	12	1.51(12-II-3)	-17.56(13-I-3)	4.12(10-I-3)	5708(12-II-3)	-88495(4)	-16116(12-II-3)
388	13	1.91(12-II-3)	-17.82(13-I-3)	3.40(10-I-3)	5312(12-II-3)	-90993(4)	19665(10-I-3)
388	14	2.47(2)	-16.40(13-I-3)	-4.33(12-II-3)	8253(12-II-3)	-76383(13-I-3)	24481(10-I-3)
388	15	5.17(2)	10.34(11-II-4)	-2.49(12-II-3)	10433(2)	63017(2)	-15810(12-II-3)
389	1	-2.62(4)	-1.42(4)	1.20(10-I-2)	-147680(4)	53304(8)	-67011(4)
389	2	-2.59(4)	-1.19(4)	1.03(10-I-2)	-161498(4)	-32586(5)	33178(4)
389	3	-2.62(4)	-1.31(4)	1.07(11-II-4)	-173772(4)	-71240(4)	80980(4)
389	4	-2.86(4)	-1.82(4)	1.33(11-II-4)	-185920(4)	-80869(4)	107105(4)
389	5	-2.48(4)	0.88(10-II-4)	1.07(10-I-2)	-71711(13-II-1)	-63339(5)	90023(4)
389	6	-2.54(4)	-0.70(12-I-4)	1.10(10-I-2)	-107702(4)	-60293(5)	74724(4)
389	7	-2.58(4)	-0.95(12-I-4)	1.00(10-I-2)	-147523(4)	-60833(5)	69321(4)
389	8	-2.77(4)	-1.32(4)	1.01(11-II-4)	-184708(4)	-76187(4)	91060(4)
389	9	-2.35(4)	1.00(10-II-4)	1.11(10-I-2)	62941(13-I-4)	-16414(5)	35993(4)
389	10	-2.46(4)	0.80(10-II-4)	1.12(10-I-2)	-50892(13-II-1)	-24863(5)	33937(4)
389	11	-2.53(4)	-0.88(12-I-4)	1.11(10-I-2)	-101954(4)	-39008(5)	47467(4)
389	12	-2.65(4)	-1.00(4)	0.91(11-II-4)	-177504(4)	-74618(4)	90441(4)
389	13	-2.20(4)	1.08(13-I-4)	1.21(10-I-2)	146269(4)	61038(8)	-37435(8)
389	14	-2.37(4)	0.79(10-II-4)	1.13(10-I-2)	64572(13-I-4)	37910(8)	-23868(11-I-4)
389	15	-2.49(4)	0.70(10-II-4)	1.12(10-I-2)	-67012(13-II-1)	-25299(5)	32789(4)
389	16	-2.55(4)	-0.97(12-I-4)	0.92(11-II-4)	-166278(4)	-77951(4)	98153(4)
390	1	-2.57(4)	-0.94(4)	1.08(10-I-2)	-167611(4)	-13228(5)	-17038(13-I-2)
390	2	-2.58(4)	-1.03(4)	0.99(10-I-2)	-177650(4)	-41738(5)	43908(4)
390	3	-2.69(4)	-1.31(4)	1.01(11-II-4)	-191604(4)	-64470(4)	74996(4)
390	4	-3.11(4)	-1.74(4)	1.20(2)	-217226(4)	-70338(4)	100544(4)
390	5	-2.55(4)	0.77(10-II-4)	1.05(10-I-2)	-72207(13-II-1)	-29489(5)	54394(4)
390	6	-2.59(4)	0.57(10-II-4)	1.03(10-I-2)	-112653(4)	-38047(5)	56308(4)
390	7	-2.72(4)	-0.63(12-I-4)	0.93(10-I-2)	-160608(4)	-50180(4)	64940(4)
390	8	-3.02(4)	-1.32(4)	0.87(11-II-4)	-214717(4)	-65197(4)	85854(4)
390	9	-2.43(4)	0.90(10-II-4)	1.04(10-I-2)	66938(13-I-4)	18520(8)	18880(4)
390	10	-2.50(4)	0.77(10-II-4)	1.03(10-I-2)	-51429(13-II-1)	-19220(5)	31683(4)
390	11	-2.59(4)	0.69(10-II-4)	0.98(10-I-2)	-108177(4)	-35770(5)	51878(4)
390	12	-2.79(4)	-0.83(4)	0.73(11-II-4)	-199106(4)	-61410(4)	83119(4)
390	13	-2.32(4)	1.15(5)	1.11(10-I-2)	150218(4)	50088(8)	-32069(8)
390	14	-2.41(4)	0.81(10-II-4)	1.04(10-I-2)	67907(13-I-4)	24661(8)	-17682(10-I-2)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
390	15	-2.48(4)	0.69(10-II-4)	1.02(10-I-2)	-69024(13-II-1)	-27227(5)	43419(4)
390	16	-2.48(4)	-0.65(12-I-4)	0.75(10-I-2)	-177808(4)	-61135(4)	81340(4)
391	1	-2.30(4)	-1.16(4)	0.90(10-I-1)	-188825(4)	9737(8)	-73124(8)
391	2	-2.29(11-II-3)	-0.96(4)	0.77(10-I-1)	-197563(4)	-27775(4)	-11840(12-I-1)
391	3	-2.31(11-II-3)	-1.00(4)	0.68(10-I-1)	-208099(4)	-42150(4)	45790(4)
391	4	-2.63(4)	-1.23(4)	0.91(2)	-224789(4)	-36827(4)	71364(4)
391	5	-2.41(4)	0.67(10-II-4)	-0.85(10-II-2)	-79113(13-II-1)	-19820(2)	70314(4)
391	6	-2.38(4)	-0.58(4)	-0.98(10-II-1)	-129333(4)	-26908(5)	48793(4)
391	7	-2.36(4)	-0.75(4)	-0.80(12-II-1)	-177700(4)	-36357(4)	39207(4)
391	8	-2.57(4)	-1.04(4)	0.55(10-I-1)	-224638(4)	-39787(4)	57463(4)
391	9	-2.47(4)	0.86(10-II-4)	0.76(10-I-3)	70343(13-I-4)	12647(8)	39717(4)
391	10	-2.43(4)	0.66(10-II-4)	0.79(10-I-2)	-56584(13-II-1)	-10569(5)	27614(4)
391	11	-2.38(4)	-0.51(4)	-0.94(10-II-1)	-125183(4)	-22986(5)	28099(4)
391	12	-2.45(11-II-3)	-0.85(4)	-0.59(12-II-1)	-215827(4)	-37834(4)	58774(4)
391	13	-2.48(4)	1.31(5)	0.77(10-I-3)	154003(4)	36889(8)	-18695(10-I-3)
391	14	-2.46(4)	0.80(11-I-4)	0.77(10-I-3)	70984(13-I-4)	21045(8)	-17248(10-I-3)
391	15	-2.42(4)	0.36(11-I-4)	0.80(10-I-2)	-75573(13-II-1)	-12915(5)	23088(4)
391	16	-2.39(11-II-3)	-0.66(4)	-0.92(12-II-1)	-201916(4)	-38053(4)	66768(4)
392	1	-2.45(11-II-3)	-1.30(12-II-2)	-1.36(10-II-1)	-189778(4)	-31894(4)	-78185(8)
392	2	-2.44(11-II-3)	-0.97(4)	-1.10(10-II-1)	-195095(4)	-31001(4)	-23672(12-I-2)
392	3	-2.47(11-II-3)	-0.94(4)	-0.68(10-II-1)	-202803(4)	-31467(4)	19067(4)
392	4	-2.72(11-II-3)	-0.96(4)	0.59(6)	-218646(4)	-19451(11-II-2)	40009(4)
392	5	-2.36(11-II-3)	0.45(10-II-4)	-1.12(10-II-3)	-79521(13-II-2)	-13209(11-II-2)	63176(4)
392	6	-2.42(11-II-3)	-0.72(4)	-1.30(10-II-1)	-127857(4)	-21166(4)	35601(4)
392	7	-2.48(11-II-3)	-0.84(4)	-1.16(10-II-1)	-173773(4)	-31738(4)	18956(4)
392	8	-2.72(11-II-3)	-1.01(4)	-0.45(10-II-1)	-218410(4)	-25270(4)	29052(4)
392	9	-2.21(11-II-3)	0.65(11-I-4)	-0.89(10-II-3)	71658(13-I-3)	12341(13-I-2)	51414(4)
392	10	-2.32(11-II-3)	0.37(11-I-4)	-1.03(10-II-3)	-55896(13-II-2)	-10225(5)	29002(4)
392	11	-2.42(11-II-3)	-0.67(4)	-1.27(10-II-1)	-123597(4)	-23891(4)	17725(4)
392	12	-2.63(11-II-3)	-0.92(4)	-0.88(10-II-1)	-208936(4)	-24235(4)	31681(4)
392	13	-2.07(11-II-3)	1.08(2)	-0.74(10-II-3)	141618(4)	21044(8)	29887(4)
392	14	-2.21(11-II-3)	0.59(11-I-4)	-0.88(10-II-3)	71379(13-I-3)	11568(13-I-2)	22706(4)
392	15	-2.36(11-II-3)	-0.44(4)	-1.10(10-II-3)	-75805(13-II-2)	-14482(4)	22081(4)
392	16	-2.54(11-II-3)	-0.78(4)	-1.21(10-II-1)	-194275(4)	-23061(4)	39754(4)
393	1	-2.64(11-II-3)	-0.84(4)	-1.20(12-II-1)	-165975(4)	-19606(4)	-28078(12-I-2)
393	2	-2.64(11-II-3)	-0.78(13-I-2)	-0.91(12-II-1)	-173551(4)	-33124(4)	24789(4)
393	3	-2.70(11-II-3)	-0.90(13-I-2)	-0.52(13-I-4)	-184248(4)	-42704(4)	47782(4)
393	4	-2.97(11-II-3)	-1.07(13-I-2)	0.68(11-I-4)	-206256(4)	-37259(4)	64995(4)
393	5	-2.50(11-II-3)	0.49(11-I-4)	-0.93(12-II-3)	-72258(11-II-2)	-28680(4)	54141(4)
393	6	-2.62(11-II-3)	-0.51(13-II-4)	-1.06(12-II-3)	-106588(13-II-2)	-33715(4)	45237(4)
393	7	-2.77(11-II-3)	-0.55(12-I-4)	-0.90(12-II-1)	-152135(4)	-39793(4)	44620(4)
393	8	-3.00(11-II-3)	-0.99(13-I-2)	-0.43(13-I-4)	-203390(4)	-39970(4)	55656(4)
393	9	-2.19(11-II-3)	0.72(13-I-4)	-0.75(12-II-3)	74790(13-I-3)	-14165(4)	29293(4)
393	10	-2.48(11-II-3)	0.42(11-I-4)	-0.89(12-II-3)	-48456(11-II-2)	-21979(4)	29568(4)
393	11	-2.73(11-II-3)	-0.46(12-I-4)	-1.07(12-II-3)	-103698(11-II-2)	-30045(4)	36271(4)
393	12	-2.99(11-II-3)	-0.69(13-I-2)	-0.75(13-I-4)	-189868(4)	-37690(4)	54859(4)
393	13	-1.73(11-II-3)	0.99(13-I-4)	-0.65(13-I-4)	135376(4)	11860(10-I-2)	-18462(10-I-2)
393	14	-2.26(11-II-3)	0.70(13-I-4)	-0.81(13-I-4)	74659(13-I-3)	-10342(4)	15342(4)
393	15	-2.69(11-II-3)	-0.45(13-II-4)	-0.99(12-II-3)	-67186(11-II-2)	-21087(4)	29365(4)
393	16	-2.97(11-II-3)	-0.57(12-I-4)	-1.06(13-I-4)	-172459(4)	-36572(4)	56227(4)
394	1	-2.44(11-II-3)	-1.30(4)	-1.02(10-II-1)	-194351(4)	-22758(4)	-12476(12-I-2)
394	2	-2.47(11-II-3)	-1.11(4)	-1.09(10-II-1)	-193639(4)	-23167(4)	-12078(11-II-2)
394	3	-2.47(11-II-3)	-1.07(4)	-1.14(10-II-1)	-191523(4)	-23335(4)	-11929(11-II-2)
394	4	-2.47(11-II-3)	-1.04(4)	-1.21(10-II-1)	-187858(4)	-23307(4)	-11685(11-II-2)
394	5	-2.26(11-II-3)	-0.29(4)	-1.15(10-II-3)	-57210(13-II-2)	-9015(11-II-2)	25107(4)
394	6	-2.24(11-II-3)	-0.43(4)	-1.16(10-II-3)	-55631(13-II-2)	-9026(11-II-2)	26355(4)
394	7	-2.24(11-II-3)	-0.54(4)	-1.16(10-II-3)	-54714(13-II-2)	-9203(11-II-2)	26719(4)
394	8	-2.28(11-II-3)	-0.70(4)	-1.14(10-II-3)	-55043(11-II-2)	-9195(11-II-2)	26837(4)
394	9	-2.10(11-II-3)	0.69(10-I-2)	-0.97(10-II-3)	87984(13-I-3)	17393(13-I-2)	39473(4)
394	10	-2.04(11-II-3)	0.65(10-I-2)	-0.95(10-II-3)	88071(13-I-3)	16086(13-I-2)	39432(4)
394	11	-2.00(11-II-3)	0.57(10-I-2)	-0.96(10-II-3)	87687(13-I-3)	14746(13-I-2)	39395(4)
394	12	-1.98(11-II-3)	0.49(10-I-2)	-0.99(10-II-3)	87216(13-I-3)	13240(13-I-2)	38624(4)

Muro	Pann.	Sxx	Syy	Sxy	Mxx	Myy	Mxy
394	13	-1.95(11-II-3)	1.25(4)	-0.82(10-II-3)	175288(4)	31346(6)	43472(4)
394	14	-1.83(11-II-3)	1.17(4)	-0.79(10-II-3)	169892(4)	26837(8)	42623(4)
394	15	-1.68(11-II-3)	1.08(4)	-0.79(10-II-3)	164923(4)	23453(8)	42220(4)
394	16	-1.48(11-II-3)	0.96(12-I-2)	-0.82(10-II-3)	160467(4)	19894(8)	40809(4)

Verifica dei Muri (Stati limite esercizio)

Scenario di calcolo : **ScenarioNT_2018 A2_SLV_SLD_STR_GEO**

Muro :255 - Nodi : [85 - 91 - 348 - 86]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cm²]=193 sfa[kg/cm²]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cm ²	kg/cm ²				
13	-56394	-6517	-906	95294	5306	269	106.19	38.01	-30	573	14	14	Si	5.9
16	-54096	-4695	-926	93714	4815	918	106.19	38.01	-29	577	14	14	Si	5.8

Combinazione Freq.: sca[kg/cm²]=140 sfa[kg/cm²]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cm ²	kg/cm ²				
13	-37475	-4008	575	57326	4969	2149	106.19	38.01	-18	431	15	18	Si	7.8

Combinazione QP: sca[kg/cm²]=140 sfa[kg/cm²]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cm ²	kg/cm ²				
13	-49498	-5443	-498	77548	3566	1849	106.19	38.01	-24	460	19	20	Si	5.8

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cm ²	mm	mm			
13	-49498	-5443	-498	77548	3566	1849	431	0.039	0.039	19(Qp)	Si	5.2
13	-37475	-4008	575	57326	4969	2149	310	0.028	0.028	15(Fr)	Si	7.2

Muro :254 - Nodi : [91 - 96 - 97 - 348]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cm²]=193 sfa[kg/cm²]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cm ²	kg/cm ²				
13	-53890	-7370	-2247	11137 7	8237	-1773	106.19	38.01	-34	797	14	14	Si	4.2

Combinazione Freq.: sca[kg/cm²]=140 sfa[kg/cm²]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cm ²	kg/cm ²				
13	-34564	-3988	-113	71090	6922	1491	106.19	38.01	-22	650	15	18	Si	5.5

Combinazione QP: sca[kg/cm²]=140 sfa[kg/cm²]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cm ²	kg/cm ²				

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
13	-39394	-4178	-796	92381	9723	1670	106.19	38.01	-28	681	16	20	Si	4.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-46630	-5605	-1415	93244	6307	890	650	0.058	0.058	19(Qp)	Si	3.4
13	-34564	-3988	-113	71090	6922	1491	507	0.045	0.045	15(Fr)	Si	4.4

Muro :243 - Nodi : [61 - 66 - 315 - 325]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
2	-64346	-769	3953	10351 2	3557	-3709	106.19	38.01	-32	592	14	14	Si	5.7
4	-60136	6	575	10194 9	307	-1132	106.19	38.01	-32	615	14	14	Si	5.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
2	-56606	-908	3661	65147	2300	-1318	106.19	38.01	-20	416	15	18	Si	6.9
4	-55603	-11	630	64062	193	-288	106.19	38.01	-20	420	15	18	Si	7.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-54102	-219	1633	44041	342	-1389	106.19	38.01	-14	322	16	20	Si	10
4	-58751	-29	829	35952	72	-808	106.19	38.01	-12	415	16	20	Si	8.7

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-55899	-1826	4854	65057	3538	-1409	239	0.021	0.021	15(Fr)	Si	9.4
16	-53531	-19	542	43908	64	-657	74	0.006	0.006	16(Qp)	Si	31

Muro :242 - Nodi : [55 - 61 - 325 - 322]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-69474	-4473	2656	12906 6	9737	-10430	106.19	38.01	-40	847	14	14	Si	4.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-60518	-6640	8689	88756	10163	-2881	106.19	38.01	-28	677	15	18	Si	5.1

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
14	-60752	-1663	5106	34045	1077	-2249	106.19	38.01	-12	453	16	20	Si	8.0
1	-62069	-6947	9207	27551	2889	-2385	106.19	38.01	-11	661	16	20	Si	5.5

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-60518	-6640	8689	88756	10163	-2881	456	0.041	0.041	15(Fr)	Si	4.9
13	-59150	-2892	6316	34164	1620	-2252	10	0.001	0.001	16(Qp)	Si	>100

Muro :240 - Nodi : [101 - 107 - 318 - 324]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-67660	-18121	-23419	16598 7	-9835	8378	106.19	38.01	-51	1330	14	14	Si	2.5
12	-52799	-2109	-5676	15616 7	4089	10852	106.19	38.01	-48	1380	14	14	Si	2.4

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-54371	-6033	-15035	13054 5	-7467	6805	106.19	38.01	-40	1172	15	18	Si	3.1
12	-45632	-1995	-4271	11970 9	3165	8968	106.19	38.01	-37	1181	15	18	Si	3.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-58619	-3763	-16714	14350 4	-9199	7746	106.19	38.01	-44	1232	16	20	Si	2.9
12	-48819	-2490	-5075	13610 0	3667	11150	106.19	38.01	-42	1239	16	20	Si	2.9

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
12	-48819	-2490	-5075	136100	3667	11150	1169	0.105	0.105	16(Qp)	Si	1.9
16	-54371	-6033	-15035	130545	-7467	6805	1033	0.092	0.092	15(Fr)	Si	2.2

Muro :239 - Nodi : [95 - 101 - 324 - 309]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-42696	-723	-2460	11979 4	1829	4473	106.19	38.01	-37	1032	14	14	Si	3.3
16	-41115	-162	-983	12001 3	382	1858	106.19	38.01	-37	1054	14	14	Si	3.2

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-37547	-138	-828	84187	312	1723	106.19	38.01	-26	818	15	18	Si	4.4
15	-36920	-537	-1965	83912	1409	4177	106.19	38.01	-26	818	15	18	Si	4.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-38947	-170	-958	104877	349	2407	106.19	38.01	-32	864	16	20	Si	4.2

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
15	-47951	-717	-2842	107817	1743	5330	818	0.073	0.073	19(Qp)	Si	2.7
15	-36920	-537	-1965	83912	1409	4177	641	0.057	0.057	15(Fr)	Si	3.5

Muro :238 - Nodi : [90 - 95 - 309 - 308]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-41921	-375	-1285	108948	1022	2455	106.19	38.01	-33	902	14	14	Si	3.7
16	-39829	-52	-420	108799	202	994	106.19	38.01	-33	925	14	14	Si	3.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-36860	-290	-1128	72674	765	2464	106.19	38.01	-23	676	15	18	Si	5.3
16	-36655	-41	-402	72596	152	989	106.19	38.01	-22	681	15	18	Si	5.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-46990	-393	-1691	95583	989	3209	106.19	38.01	-30	715	19	20	Si	4.7
16	-46412	-57	-592	95472	202	1309	106.19	38.01	-30	722	19	20	Si	4.7

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-46412	-57	-592	95472	202	1309	681	0.061	0.061	19(Qp)	Si	3.3
16	-36655	-41	-402	72596	152	989	503	0.045	0.045	15(Fr)	Si	4.4

Muro :234 - Nodi : [84 - 90 - 308 - 307]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
14	-44667	-405	-563	94592	1108	1446	106.19	38.01	-29	689	14	14	Si	4.9

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
16	-40762	-14	-99	94645	96	382	106.19	38.01	-29	734	14	14	Si	4.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-38072	-123	-387	58175	325	1297	106.19	38.01	-18	480	15	18	Si	7.5
16	-37561	-12	-136	58132	65	505	106.19	38.01	-18	488	15	18	Si	7.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-47367	-165	-683	79900	482	1593	106.19	38.01	-25	512	19	20	Si	5.6
16	-46429	-16	-236	79815	99	630	106.19	38.01	-25	521	19	20	Si	5.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-46429	-16	-236	79815	99	630	488	0.044	0.044	19(Qp)	Si	4.6
16	-37561	-12	-136	58132	65	505	318	0.029	0.029	15(Fr)	Si	7.0

Muro :232 - Nodi : [78 - 84 - 307 - 306]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-45132	-92	163	84988	290	302	106.19	38.01	-26	565	14	14	Si	6.0
16	-43150	-9	62	84975	58	96	106.19	38.01	-26	586	14	14	Si	5.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-39677	-8	7	48324	29	334	106.19	38.01	-15	350	15	18	Si	9.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-49095	-106	-137	69427	285	763	106.19	38.01	-22	365	19	20	Si	6.5
16	-48061	-10	-48	69415	60	293	106.19	38.01	-22	375	19	20	Si	6.5

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-48061	-10	-48	69415	60	293	350	0.031	0.031	19(Qp)	Si	6.4
16	-39677	-8	7	48324	29	334	191	0.017	0.017	15(Fr)	Si	12

Muro :231 - Nodi : [72 - 78 - 306 - 314]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
3	-51289	-96	836	81261	342	-663	106.19	38.01	-25	457	14	14	Si	7.4
16	-46425	-8	184	80549	53	-111	106.19	38.01	-25	497	14	14	Si	6.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-45297	-10	219	44108	31	199	106.19	38.01	-14	264	15	18	Si	10
16	-42598	-8	123	43671	21	258	106.19	38.01	-14	276	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-44989	-86	507	64434	374	-188	106.19	38.01	-20	283	16	20	Si	7.0
16	-44269	-8	172	64334	72	-133	106.19	38.01	-20	293	16	20	Si	7.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-50719	-9	95	64798	53	55	276	0.025	0.025	19(Qp)	Si	8.1
16	-42598	-8	123	43671	21	258	126	0.011	0.011	15(Fr)	Si	18

Muro :228 - Nodi : [66 - 72 - 314 - 315]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
3	-56130	-129	1351	88261	640	-1426	106.19	38.01	-27	492	14	14	Si	6.9
4	-54185	-11	436	88085	120	-578	106.19	38.01	-27	509	14	14	Si	6.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
3	-50400	-161	1191	50666	373	11	106.19	38.01	-16	299	15	18	Si	8.8
4	-49742	-16	387	50595	71	48	106.19	38.01	-16	307	15	18	Si	8.9

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
15	-48961	-125	940	54222	336	-821	106.19	38.01	-17	269	16	20	Si	8.3
4	-52073	-22	470	46479	64	-598	106.19	38.01	-15	310	16	20	Si	9.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-49742	-16	387	50595	71	48	144	0.013	0.013	15(Fr)	Si	16
16	-48304	-13	315	54131	65	-409	186	0.017	0.017	16(Qp)	Si	12

Muro :88 - Nodi : [103 - 109 - 107 - 101]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-45625	-8312	-4526	14949 8	14689	-6386	106.19	38.01	-45	1381	14	14	Si	2.4

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-29795	-3040	-1320	10673 7	11220	-2206	106.19	38.01	-32	1259	15	18	Si	2.9

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-33255	-3842	-1974	11200 4	12321	-2440	106.19	38.01	-34	1292	16	20	Si	2.8

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-33255	-3842	-1974	112004	12321	-2440	1046	0.094	0.094	16(Qp)	Si	2.1
13	-29795	-3040	-1320	106737	11220	-2206	1020	0.091	0.091	15(Fr)	Si	2.2

Muro :87 - Nodi : [102 - 108 - 109 - 103]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-47286	-11997	-3358	15774 1	15896	-5614	106.19	38.01	-48	1467	14	14	Si	2.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-30361	-5838	-3587	10810 0	12102	403	106.19	38.01	-33	1276	15	18	Si	2.8
13	-27737	-4167	-699	10783 4	11673	-842	106.19	38.01	-32	1318	15	18	Si	2.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-35107	-8625	-4680	11298 9	13397	374	106.19	38.01	-34	1306	16	20	Si	2.8
13	-33999	-7833	-1605	11150 3	12723	-1438	106.19	38.01	-34	1341	16	20	Si	2.7

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-27737	-4167	-699	107834	11673	-842	1060	0.095	0.095	15(Fr)	Si	2.1
15	-32527	-7476	-2318	110832	13010	-857	1040	0.093	0.093	16(Qp)	Si	2.1

Muro :86 - Nodi : [100 - 106 - 108 - 102]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-50997	-11972	-2420	16962 7	17302	-5558	106.19	38.01	-51	1576	14	14	Si	2.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28483	-4585	269	11189 2	12021	-424	106.19	38.01	-34	1373	15	18	Si	2.6

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34842	-8063	-1132	11493 6	12809	-1314	106.19	38.01	-35	1397	16	20	Si	2.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-34842	-8063	-1132	114936	12809	-1314	1064	0.095	0.095	16(Qp)	Si	2.1
13	-28483	-4585	269	111892	12021	-424	1104	0.099	0.099	15(Fr)	Si	2.0

Muro :85 - Nodi : [42 - 47 - 104 - 98]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-54583	335	2376	20091 5	19937	-1705	106.19	38.01	-61	1939	14	14	Si	1.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28405	324	3022	12415 0	13163	1893	106.19	38.01	-37	1585	15	18	Si	2.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28663	2646	1417	12583 5	13802	650	106.19	38.01	-38	1658	16	20	Si	2.2

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-28663	2646	1417	125835	13802	650	1284	0.115	0.115	16(Qp)	Si	1.7
13	-28405	324	3022	124150	13163	1893	1265	0.113	0.113	15(Fr)	Si	1.8

Muro :84 - Nodi : [99 - 105 - 106 - 100]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-51980	-10965	-1489	17651 6	18485	-4817	106.19	38.01	-53	1654	14	14	Si	2.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28809	-4491	697	11437 3	12384	48	106.19	38.01	-34	1409	15	18	Si	2.6

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-33252	-6425	-898	11719 7	13095	-882	106.19	38.01	-35	1443	16	20	Si	2.5

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-33252	-6425	-898	117197	13095	-882	1113	0.100	0.100	16(Qp)	Si	2.0
13	-28809	-4491	697	114373	12384	48	1132	0.101	0.101	15(Fr)	Si	2.0

Muro :83 - Nodi : [98 - 104 - 105 - 99]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-54198	-7807	113	18804 4	18927	-3772	106.19	38.01	-57	1776	14	14	Si	1.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28787	-3225	1706	11883 4	12766	813	106.19	38.01	-36	1479	15	18	Si	2.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-30762	-2772	70	12106 9	13430	-238	106.19	38.01	-36	1537	16	20	Si	2.3

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-30762	-2772	70	121069	13430	-238	1195	0.107	0.107	16(Qp)	Si	1.9
13	-28787	-3225	1706	118834	12766	813	1190	0.107	0.107	15(Fr)	Si	1.9

Muro :82 - Nodi : [97 - 103 - 101 - 95]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-48781	-6376	-3261	11741 8	10332	-766	106.19	38.01	-36	931	14	14	Si	3.6
16	-44520	-4025	-4219	11543 4	7817	4202	106.19	38.01	-35	955	14	14	Si	3.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-34096	-2432	-2553	79642	5787	4814	106.19	38.01	-25	790	15	18	Si	4.6

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-35858	-2943	-2649	98874	7356	6483	106.19	38.01	-30	826	16	20	Si	4.4

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-33383	-3132	-1209	79080	7781	1960	621	0.056	0.056	15(Fr)	Si	3.6
16	-44804	-3503	-4220	102733	7203	6064	790	0.071	0.071	19(Qp)	Si	2.8

Muro :81 - Nodi : [96 - 102 - 103 - 97]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-52143	-8320	-2887	12310 1	10571	-3444	106.19	38.01	-38	964	14	14	Si	3.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-32656	-4076	-445	80834	8405	916	106.19	38.01	-25	816	15	18	Si	4.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-37969	-4722	-1065	98055	10823	1238	106.19	38.01	-30	845	16	20	Si	4.3

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-37969	-4722	-1065	98055	10823	1238	809	0.072	0.072	16(Qp)	Si	2.8
13	-32656	-4076	-445	80834	8405	916	651	0.058	0.058	15(Fr)	Si	3.4

Muro :80 - Nodi : [94 - 100 - 102 - 96]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-55039	-9173	-2614	13032 4	12530	-5420	106.19	38.01	-40	1023	14	14	Si	3.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-32716	-4480	309	83254	8886	306	106.19	38.01	-26	857	15	18	Si	4.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-37944	-4999	-1753	99971	11219	374	106.19	38.01	-31	894	16	20	Si	4.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-37944	-4999	-1753	99971	11219	374	834	0.075	0.075	16(Qp)	Si	2.7
13	-32716	-4480	309	83254	8886	306	682	0.061	0.061	15(Fr)	Si	3.3

Muro :79 - Nodi : [37 - 42 - 98 - 92]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-59464	-7054	-3248	15324 9	15877	-8032	106.19	38.01	-47	1263	14	14	Si	2.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-32728	-3688	421	91969	10077	-596	106.19	38.01	-28	1029	15	18	Si	3.5

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-33238	-3138	-2205	10781 0	12332	-895	106.19	38.01	-33	1100	16	20	Si	3.3

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-33238	-3138	-2205	107810	12332	-895	992	0.089	0.089	16(Qp)	Si	2.3
13	-32728	-3688	421	91969	10077	-596	793	0.071	0.071	15(Fr)	Si	2.8

Muro :78 - Nodi : [93 - 99 - 100 - 94]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-56331	-9273	-2689	13528 6	13605	-6160	106.19	38.01	-42	1071	14	14	Si	3.2

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-32795	-4533	426	85023	9108	114	106.19	38.01	-26	890	15	18	Si	4.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-36909	-4967	-2247	10151 2	11410	92	106.19	38.01	-31	938	16	20	Si	3.8

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-36909	-4967	-2247	101512	11410	92	866	0.078	0.078	16(Qp)	Si	2.6
13	-32795	-4533	426	85023	9108	114	703	0.063	0.063	15(Fr)	Si	3.2

Muro :77 - Nodi : [92 - 98 - 99 - 93]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-58058	-8530	-3086	14348 8	14270	-7156	106.19	38.01	-44	1155	14	14	Si	2.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-32743	-4313	372	88146	9585	-201	106.19	38.01	-27	951	15	18	Si	3.8

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34832	-4364	-2518	10427 2	11838	-314	106.19	38.01	-32	1017	16	20	Si	3.5

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-34832	-4364	-2518	104272	11838	-314	927	0.083	0.083	16(Qp)	Si	2.4
13	-32743	-4313	372	88146	9585	-201	744	0.067	0.067	15(Fr)	Si	3.0

Muro :76 - Nodi : [348 - 97 - 95 - 90]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-50344	-5243	-2501	10746 7	7826	428	106.19	38.01	-33	787	14	14	Si	4.3
16	-45957	-2555	-2796	10705 1	5119	3181	106.19	38.01	-33	831	14	14	Si	4.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-35959	-1682	-1856	70772	3727	3686	106.19	38.01	-22	650	15	18	Si	5.5

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-37859	-2031	-1817	93807	5305	4828	106.19	38.01	-29	684	16	20	Si	4.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-46554	-2378	-3141	93162	4729	4677	650	0.058	0.058	19(Qp)	Si	3.4
16	-35959	-1682	-1856	70772	3727	3686	488	0.044	0.044	15(Fr)	Si	4.6

Muro :75 - Nodi : [89 - 94 - 96 - 91]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-56479	-8806	-2309	11717 6	10292	-3269	106.19	38.01	-36	841	14	14	Si	4.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34361	-4668	437	73028	7447	1099	106.19	38.01	-23	686	15	18	Si	5.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-39075	-4781	-1634	93886	10242	1078	106.19	38.01	-29	725	16	20	Si	4.8

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-46997	-6506	-950	96415	8063	-415	686	0.061	0.061	19(Qp)	Si	3.3
13	-34361	-4668	437	73028	7447	1099	533	0.048	0.048	15(Fr)	Si	4.2

Muro :74 - Nodi : [32 - 37 - 92 - 87]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-61251	-10306	-3382	13709 2	13573	-5297	106.19	38.01	-42	1037	14	14	Si	3.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34375	-5445	367	80419	8462	502	106.19	38.01	-25	837	15	18	Si	4.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-35037	-5315	-2424	10057 1	11181	187	106.19	38.01	-31	903	16	20	Si	4.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-47899	-7565	-998	109216	11522	-1931	837	0.075	0.075	19(Qp)	Si	2.7
13	-34375	-5445	367	80419	8462	502	626	0.056	0.056	15(Fr)	Si	3.6

Muro :73 - Nodi : [88 - 93 - 94 - 89]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-57730	-9386	-2592	12133 9	11500	-3931	106.19	38.01	-38	879	14	14	Si	3.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34333	-4928	488	74488	7734	933	106.19	38.01	-23	716	15	18	Si	5.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-38165	-5082	-2210	95140	10494	849	106.19	38.01	-29	765	16	20	Si	4.7

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-47192	-6859	-954	98990	9593	-972	716	0.064	0.064	19(Qp)	Si	3.1
13	-34333	-4928	488	74488	7734	933	552	0.049	0.049	15(Fr)	Si	4.0

Muro :72 - Nodi : [87 - 92 - 93 - 88]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
13	-59411	-9859	-3253	12844 7	12062	-4686	106.19	38.01	-40	949	14	14	Si	3.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34247	-5200	332	77132	8111	745	106.19	38.01	-24	771	15	18	Si	4.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-36347	-5306	-2691	97490	10842	571	106.19	38.01	-30	835	16	20	Si	4.3

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-47402	-7188	-1180	103541	10616	-1513	771	0.069	0.069	19(Qp)	Si	2.9
13	-34247	-5200	332	77132	8111	745	586	0.052	0.052	15(Fr)	Si	3.8

Muro :71 - Nodi : [86 - 348 - 90 - 84]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-48052	-1375	-951	93946	2786	1837	106.19	38.01	-29	644	14	14	Si	5.2

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-38587	-1021	-722	57503	1898	2433	106.19	38.01	-18	452	15	18	Si	7.8

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-48861	-1389	-1523	78795	2564	2877	106.19	38.01	-25	480	19	20	Si	5.7

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-48861	-1389	-1523	78795	2564	2877	452	0.040	0.040	19(Qp)	Si	4.9
16	-38587	-1021	-722	57503	1898	2433	301	0.027	0.027	15(Fr)	Si	7.4

Muro :70 - Nodi : [83 - 89 - 91 - 85]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-58668	-8774	-1235	99173	7449	-348	106.19	38.01	-31	597	14	14	Si	5.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-36978	-5115	923	58544	5549	2103	106.19	38.01	-18	456	15	18	Si	7.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-49540	-7013	-245	79763	5477	1335	106.19	38.01	-25	495	19	20	Si	5.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-49540	-7013	-245	79763	5477	1335	456	0.041	0.041	19(Qp)	Si	4.9
13	-36978	-5115	923	58544	5549	2103	329	0.029	0.029	15(Fr)	Si	6.8

Muro :69 - Nodi : [27 - 32 - 87 - 81]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-64423	-14450	-2273	114460	10567	-909	106.19	38.01	-36	722	14	14	Si	4.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-37214	-7710	889	63727	6282	2155	106.19	38.01	-20	564	15	18	Si	6.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-38132	-8019	-1957	88244	9458	1807	106.19	38.01	-27	620	16	20	Si	5.1

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-51085	-11136	-117	90043	9015	1036	564	0.050	0.050	19(Qp)	Si	4.0
13	-37214	-7710	889	63727	6282	2155	388	0.035	0.035	15(Fr)	Si	5.8

Muro :68 - Nodi : [82 - 88 - 89 - 83]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-59767	-10076	-1645	102204	8644	-598	106.19	38.01	-32	622	14	14	Si	5.4

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-36770	-5711	925	59526	5793	2107	106.19	38.01	-19	480	15	18	Si	7.5

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-49564	-7913	-308	81781	7091	1145	106.19	38.01	-25	526	19	20	Si	5.5

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-49564	-7913	-308	81781	7091	1145	480	0.043	0.043	19(Qp)	Si	4.7
13	-36770	-5711	925	59526	5793	2107	343	0.031	0.031	15(Fr)	Si	6.5

Muro :67 - Nodi : [81 - 87 - 88 - 82]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-61483	-12106	-2371	10762 5	9151	-825	106.19	38.01	-33	670	14	14	Si	5.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-36633	-6640	756	61374	6082	2140	106.19	38.01	-19	522	15	18	Si	6.9

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-38693	-6827	-2244	86030	9294	1854	106.19	38.01	-27	578	16	20	Si	5.3

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-49786	-9371	-523	85459	8184	1031	522	0.047	0.047	19(Qp)	Si	4.3
13	-36633	-6640	756	61374	6082	2140	366	0.033	0.033	15(Fr)	Si	6.1

Muro :66 - Nodi : [80 - 86 - 84 - 78]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-50481	-971	393	84347	1821	851	106.19	38.01	-26	501	14	14	Si	6.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-41278	-801	252	47897	1070	1731	106.19	38.01	-15	313	15	18	Si	9.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
16	-51272	-1030	-223	68586	1630	1601	106.19	38.01	-21	335	19	20	Si	6.6

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-51272	-1030	-223	68586	1630	1601	313	0.028	0.028	19(Qp)	Si	7.1
16	-41278	-801	252	47897	1070	1731	175	0.016	0.016	15(Fr)	Si	13

Muro :65 - Nodi : [79 - 85 - 86 - 80]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-58803	-6237	765	84003	3710	1432	106.19	38.01	-26	418	14	14	Si	7.4
16	-56673	-4169	763	83364	3269	1266	106.19	38.01	-26	430	14	14	Si	7.4

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-40275	-4172	1464	47316	3774	2450	106.19	38.01	-15	283	15	18	Si	9.5
16	-40877	-2982	1088	47225	3065	2258	106.19	38.01	-15	284	15	18	Si	9.5

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-52306	-3896	390	66696	2154	2123	106.19	38.01	-21	305	19	20	Si	6.7
13	-52258	-5520	732	66600	2070	2316	106.19	38.01	-21	308	19	20	Si	6.7

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-40275	-4172	1464	47316	3774	2450	177	0.016	0.016	15(Fr)	Si	13
16	-52306	-3896	390	66696	2154	2123	284	0.025	0.025	19(Qp)	Si	7.9

Muro :64 - Nodi : [77 - 83 - 85 - 79]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-60804	-9066	421	86467	5802	1709	106.19	38.01	-27	428	14	14	Si	7.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-39541	-5596	1702	47887	4318	2716	106.19	38.01	-15	300	15	18	Si	9.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-52049	-7591	923	67991	3979	2602	106.19	38.01	-21	332	19	20	Si	6.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-52049	-7591	923	67991	3979	2602	300	0.027	0.027	19(Qp)	Si	7.5
13	-39541	-5596	1702	47887	4318	2716	188	0.017	0.017	15(Fr)	Si	12

Muro :63 - Nodi : [22 - 27 - 81 - 75]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-67623	-16895	-528	97678	8639	2641	106.19	38.01	-30	493	14	14	Si	6.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-40075	-9095	1661	50866	4756	3316	106.19	38.01	-16	363	15	18	Si	8.8

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-41221	-9638	-1083	75554	7926	2930	106.19	38.01	-23	406	16	20	Si	6.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-54335	-13244	1196	75565	7352	3414	363	0.033	0.033	19(Qp)	Si	6.2
13	-40075	-9095	1661	50866	4756	3316	215	0.019	0.019	15(Fr)	Si	10

Muro :62 - Nodi : [76 - 82 - 83 - 77]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-61788	-10859	46	88594	6943	1890	106.19	38.01	-28	443	14	14	Si	7.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-39204	-6427	1694	48417	4509	2864	106.19	38.01	-15	316	15	18	Si	9.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-51955	-8873	890	69460	5585	2777	106.19	38.01	-22	355	19	20	Si	6.5

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-51955	-8873	890	69460	5585	2777	316	0.028	0.028	19(Qp)	Si	7.1

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
13	-39204	-6427	1694	48417	4509	2864	196	0.018	0.018	15(Fr)	Si	11

Muro :61 - Nodi : [75 - 81 - 82 - 76]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-63632	-13807	-582	92540	7346	2218	106.19	38.01	-29	471	14	14	Si	6.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-39049	-7749	1558	49474	4691	3091	106.19	38.01	-15	344	15	18	Si	9.1

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-52255	-10993	782	72183	6632	3074	106.19	38.01	-22	389	19	20	Si	6.2

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-52255	-10993	782	72183	6632	3074	344	0.031	0.031	19(Qp)	Si	6.5
13	-39049	-7749	1558	49474	4691	3091	208	0.019	0.019	15(Fr)	Si	11

Muro :60 - Nodi : [74 - 80 - 78 - 72]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-56178	-1068	2510	80552	2194	-853	106.19	38.01	-25	403	14	14	Si	7.7
16	-53497	-927	1569	79860	1725	-87	106.19	38.01	-25	420	14	14	Si	7.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-46835	-995	2003	43614	1184	746	106.19	38.01	-14	231	15	18	Si	10
16	-44301	-827	1199	43229	896	1192	106.19	38.01	-14	241	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-46329	-852	1426	63862	2155	419	106.19	38.01	-20	256	16	20	Si	7.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-54127	-1000	971	63960	1501	478	241	0.022	0.022	19(Qp)	Si	9.3
16	-44301	-827	1199	43229	896	1192	112	0.010	0.010	15(Fr)	Si	20

Muro :59 - Nodi : [73 - 79 - 80 - 74]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-61334	-4489	3910	79061	3998	905	106.19	38.01	-25	342	14	14	Si	7.8
16	-59306	-4175	2555	78444	3148	1143	106.19	38.01	-24	352	14	14	Si	7.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-45787	-3564	3086	42532	3188	1718	106.19	38.01	-13	206	15	18	Si	10
16	-43722	-3199	2214	42359	2781	2015	106.19	38.01	-13	213	15	18	Si	11

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-55127	-4030	1893	61859	2029	1614	106.19	38.01	-19	228	19	20	Si	7.3

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-42987	-4475	2480	42135	3424	2448	111	0.010	0.010	15(Fr)	Si	20
16	-55127	-4030	1893	61859	2029	1614	213	0.019	0.019	19(Qp)	Si	10

Muro :58 - Nodi : [71 - 77 - 79 - 73]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-64772	-9496	3944	80090	6135	3739	106.19	38.01	-25	325	14	14	Si	7.7
13	-63015	-9372	2411	80070	5478	3060	106.19	38.01	-25	339	14	14	Si	7.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-42747	-4870	2539	42103	3569	2580	106.19	38.01	-13	211	15	18	Si	11
13	-42088	-6012	2647	42105	3856	2940	106.19	38.01	-13	219	15	18	Si	11

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-44777	-5941	835	62100	6374	2544	106.19	38.01	-19	243	16	20	Si	7.2

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-54594	-8057	2362	62114	3681	3401	219	0.020	0.020	19(Qp)	Si	10
13	-42088	-6012	2647	42105	3856	2940	116	0.010	0.010	15(Fr)	Si	19

Muro :57 - Nodi : [17 - 22 - 75 - 69]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-70410	-17935	1259	87848	7896	5252	106.19	38.01	-27	361	14	14	Si	7.0
15	-67588	-16418	1367	85945	7217	4832	106.19	38.01	-27	364	14	14	Si	7.2

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-42733	-9758	2394	42910	3981	3912	106.19	38.01	-13	247	15	18	Si	10
14	-42198	-9469	2403	42784	4009	3818	106.19	38.01	-13	249	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-44056	-10407	-189	62685	6543	3484	106.19	38.01	-20	277	16	20	Si	7.2
15	-43374	-9643	-223	62483	6601	3292	106.19	38.01	-19	281	16	20	Si	7.2

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
14	-56328	-13658	2401	66390	6483	4915	249	0.022	0.022	19(Qp)	Si	9.0
16	-41579	-8787	2470	42563	4032	3636	123	0.011	0.011	15(Fr)	Si	18

Muro :56 - Nodi : [70 - 76 - 77 - 71]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-63902	-11374	2156	81507	6505	3623	106.19	38.01	-25	347	14	14	Si	7.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-41656	-6939	2655	42194	3969	3191	106.19	38.01	-13	230	15	18	Si	11

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-44090	-6989	408	62134	6521	2773	106.19	38.01	-19	258	16	20	Si	7.2

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-54420	-9502	2404	63060	5169	3889	230	0.021	0.021	19(Qp)	Si	9.7
13	-41656	-6939	2655	42194	3969	3191	119	0.011	0.011	15(Fr)	Si	19

Muro :55 - Nodi : [69 - 75 - 76 - 70]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-65790	-14702	1615	84217	6744	4424	106.19	38.01	-26	360	14	14	Si	7.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-41451	-8414	2517	42467	4032	3547	106.19	38.01	-13	245	15	18	Si	11

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-43304	-8752	-101	62324	6607	3113	106.19	38.01	-19	278	16	20	Si	7.2

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-54744	-11883	2358	64806	6041	4499	245	0.022	0.022	19(Qp)	Si	9.1
13	-41451	-8414	2517	42467	4032	3547	123	0.011	0.011	15(Fr)	Si	18

Muro :54 - Nodi : [68 - 74 - 72 - 66]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-60319	-1591	4138	87707	3789	-2000	106.19	38.01	-27	446	14	14	Si	7.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-50567	-1542	3449	50172	2300	-41	106.19	38.01	-16	280	15	18	Si	8.9

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-49703	-1186	2578	53718	1928	-470	106.19	38.01	-17	244	16	20	Si	8.4
4	-52452	-1747	3785	46182	1900	-1080	106.19	38.01	-15	282	16	20	Si	9.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-48784	-3893	4176	49086	4323	898	136	0.012	0.012	15(Fr)	Si	16
16	-49703	-1186	2578	53718	1928	-470	172	0.015	0.015	16(Qp)	Si	13

Muro :53 - Nodi : [67 - 73 - 74 - 68]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-65640	-7086	5707	86754	6778	2350	106.19	38.01	-27	389	14	14	Si	7.1
4	-64034	-5350	5592	86692	6443	603	106.19	38.01	-27	402	14	14	Si	7.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-48382	-4364	4164	48806	4610	1180	106.19	38.01	-15	265	15	18	Si	9.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-48526	-3805	2993	52440	4340	1115	106.19	38.01	-16	221	16	20	Si	8.6
4	-50092	-4535	3736	44911	3960	675	106.19	38.01	-14	267	16	20	Si	9.9

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-48382	-4364	4164	48806	4610	1180	136	0.012	0.012	15(Fr)	Si	16
16	-48526	-3805	2993	52440	4340	1115	168	0.015	0.015	16(Qp)	Si	13

Muro :52 - Nodi : [65 - 71 - 73 - 67]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-67304	-9452	5761	87565	8233	4351	106.19	38.01	-27	384	14	14	Si	7.1
4	-66068	-7690	5726	86887	7042	2888	106.19	38.01	-27	387	14	14	Si	7.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-47257	-5623	4143	47774	5069	1963	106.19	38.01	-15	259	15	18	Si	9.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-47580	-5272	2345	51696	5124	1911	106.19	38.01	-16	219	16	20	Si	8.7
1	-48509	-6503	2506	43067	4625	1975	106.19	38.01	-14	265	16	20	Si	10

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-47257	-5623	4143	47774	5069	1963	134	0.012	0.012	15(Fr)	Si	17
13	-46860	-6329	1863	51208	5356	2348	168	0.015	0.015	16(Qp)	Si	13

Muro :51 - Nodi : [12 - 17 - 69 - 63]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-73856	-16890	4138	90758	9618	7858	106.19	38.01	-28	365	14	14	Si	6.8
4	-69998	-14935	5195	89537	8882	6928	106.19	38.01	-28	383	14	14	Si	6.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-45499	-8799	3999	44762	4841	3272	106.19	38.01	-14	258	15	18	Si	10.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-45538	-9417	942	50166	5364	3143	106.19	38.01	-16	244	16	20	Si	8.9
4	-47118	-9217	1696	40988	4446	2799	106.19	38.01	-13	270	16	20	Si	11

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-45499	-8799	3999	44762	4841	3272	119	0.011	0.011	15(Fr)	Si	19
16	-45538	-9417	942	50166	5364	3143	167	0.015	0.015	16(Qp)	Si	13

Muro :50 - Nodi : [64 - 70 - 71 - 65]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-68020	-11084	5936	88203	8910	5301	106.19	38.01	-27	385	14	14	Si	7.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-46463	-6632	4250	46703	5104	2511	106.19	38.01	-15	259	15	18	Si	9.6
1	-46067	-7126	4368	46194	5057	2720	106.19	38.01	-14	260	15	18	Si	9.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-46660	-6622	1760	51087	5385	2446	106.19	38.01	-16	229	16	20	Si	8.8
1	-47911	-7288	2362	42370	4606	2267	106.19	38.01	-13	270	16	20	Si	10

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-46463	-6632	4250	46703	5104	2511	130	0.012	0.012	15(Fr)	Si	17
13	-46219	-7297	1562	50839	5413	2633	169	0.015	0.015	16(Qp)	Si	13

Muro :49 - Nodi : [63 - 69 - 70 - 64]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-69297	-14161	5481	89204	8758	6608	106.19	38.01	-28	385	14	14	Si	6.9
3	-68393	-12545	5884	88612	8707	5925	106.19	38.01	-28	386	14	14	Si	7.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
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P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-45870	-7422	4399	45963	5030	2807	106.19	38.01	-14	261	15	18	Si	9.7
3	-45629	-7801	4357	45659	4974	2930	106.19	38.01	-14	262	15	18	Si	9.8

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-46017	-7639	1469	50724	5415	2720	106.19	38.01	-16	238	16	20	Si	8.8
2	-47187	-8442	2039	41552	4523	2583	106.19	38.01	-13	273	16	20	Si	11

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-45870	-7422	4399	45963	5030	2807	127	0.011	0.011	15(Fr)	Si	18
15	-45780	-8093	1342	50580	5411	2830	169	0.015	0.015	16(Qp)	Si	13

Muro :48 - Nodi : [60 - 68 - 66 - 61]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-65856	-6278	6805	10373 3	10446	-213	106.19	38.01	-32	580	14	14	Si	5.8
3	-64618	-4812	7258	10328 6	9100	-2289	106.19	38.01	-32	586	14	14	Si	5.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-54426	-3060	5664	64727	4850	-1191	106.19	38.01	-20	425	15	18	Si	6.9
2	-51487	-4952	5316	63838	6568	-179	106.19	38.01	-20	439	15	18	Si	7.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-53418	-2032	4191	43697	1910	-1268	106.19	38.01	-14	305	16	20	Si	10
2	-52732	-5272	5256	35797	3113	-725	106.19	38.01	-12	431	16	20	Si	8.4

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
2	-51487	-4952	5316	63838	6568	-179	260	0.023	0.023	15(Fr)	Si	8.6
13	-50931	-4419	4155	42719	3578	182	76	0.007	0.007	16(Qp)	Si	29

Muro :47 - Nodi : [59 - 67 - 68 - 60]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-68274	-7770	6985	10455 4	10745	2602	106.19	38.01	-33	566	14	14	Si	5.9

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
4	-66677	-6666	6851	10393 4	10476	567	106.19	38.01	-32	574	14	14	Si	5.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-50785	-5390	4862	63065	7074	507	106.19	38.01	-20	435	15	18	Si	7.1

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-50595	-4782	3907	42431	3849	519	106.19	38.01	-13	294	16	20	Si	10
4	-52013	-5619	4356	35130	3514	24	106.19	38.01	-12	425	16	20	Si	8.5

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-50785	-5390	4862	63065	7074	507	258	0.023	0.023	15(Fr)	Si	8.7
16	-50595	-4782	3907	42431	3849	519	76	0.007	0.007	16(Qp)	Si	30

Muro :46 - Nodi : [57 - 65 - 67 - 59]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-70071	-9242	6845	10536 3	11719	4791	106.19	38.01	-33	558	14	14	Si	5.9
4	-68611	-8213	7089	10475 1	10928	3169	106.19	38.01	-33	565	14	14	Si	5.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-49743	-6088	4768	61477	7218	1210	106.19	38.01	-19	427	15	18	Si	7.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-49620	-5826	3106	41308	4314	1367	106.19	38.01	-13	289	16	20	Si	11
4	-51150	-6224	3556	33660	3701	798	106.19	38.01	-11	418	16	20	Si	8.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-49743	-6088	4768	61477	7218	1210	249	0.022	0.022	15(Fr)	Si	9.0
16	-49620	-5826	3106	41308	4314	1367	72	0.006	0.006	16(Qp)	Si	31

Muro :45 - Nodi : [10 - 12 - 63 - 62]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-75369	-14342	5296	10645 3	12410	8565	106.19	38.01	-33	522	14	14	Si	5.8
4	-71573	-13097	6891	10574 3	11902	7461	106.19	38.01	-33	549	14	14	Si	5.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-47476	-8057	4643	56143	6605	2462	106.19	38.01	-18	396	15	18	Si	8.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-47611	-9076	1905	37926	4146	2636	106.19	38.01	-12	290	16	20	Si	12
4	-49065	-8390	2479	28711	3228	2017	106.19	38.01	-10	391	16	20	Si	9.2

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-47476	-8057	4643	56143	6605	2462	212	0.019	0.019	15(Fr)	Si	11
16	-47611	-9076	1905	37926	4146	2636	58	0.005	0.005	16(Qp)	Si	40

Muro :44 - Nodi : [58 - 64 - 65 - 57]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
2	-70982	-9811	7535	10565 9	12160	5433	106.19	38.01	-33	553	14	14	Si	5.8
4	-70601	-9401	7050	10554 7	11978	5079	106.19	38.01	-33	555	14	14	Si	5.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-49359	-6454	4717	59709	7069	1709	106.19	38.01	-19	415	15	18	Si	7.5

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-48949	-6711	2614	40128	4379	1913	106.19	38.01	-13	290	16	20	Si	11
4	-50917	-6597	2965	32024	3612	1321	106.19	38.01	-11	406	16	20	Si	8.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-49359	-6454	4717	59709	7069	1709	234	0.021	0.021	15(Fr)	Si	9.6
16	-48949	-6711	2614	40128	4379	1913	67	0.006	0.006	16(Qp)	Si	34

Muro :43 - Nodi : [62 - 63 - 64 - 58]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-71014	-12551	7201	10562 4	11836	7103	106.19	38.01	-33	552	14	14	Si	5.9
3	-70479	-11468	7882	10549 2	11910	6251	106.19	38.01	-33	556	14	14	Si	5.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-48460	-7045	5339	58341	6912	1916	106.19	38.01	-18	410	15	18	Si	7.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-48257	-7550	2553	39293	4314	2185	106.19	38.01	-12	294	16	20	Si	11
3	-49447	-7656	3218	30173	3437	1633	106.19	38.01	-10	403	16	20	Si	8.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-48460	-7045	5339	58341	6912	1916	227	0.020	0.020	15(Fr)	Si	9.9
16	-48257	-7550	2553	39293	4314	2185	64	0.006	0.006	16(Qp)	Si	36

Muro :42 - Nodi : [54 - 60 - 61 - 55]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-68419	-8297	7327	13279 8	16246	475	106.19	38.01	-41	905	14	14	Si	3.7
2	-65513	-8247	6920	13040 2	16033	-945	106.19	38.01	-40	906	14	14	Si	3.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-57286	-6547	7236	88643	10523	-2521	106.19	38.01	-28	716	15	18	Si	5.0
2	-52073	-6613	4942	86935	10748	-616	106.19	38.01	-27	770	15	18	Si	4.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-56748	-4208	6787	34053	2229	-1985	106.19	38.01	-12	472	16	20	Si	7.6
2	-52865	-6768	4772	26112	3158	-1040	106.19	38.01	-10	749	16	20	Si	4.8

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
2	-52073	-6613	4942	86935	10748	-616	516	0.046	0.046	15(Fr)	Si	4.3
14	-52955	-5793	5372	33417	3121	-845	20	0.001	0.001	16(Qp)	Si	>100

Muro :41 - Nodi : [53 - 59 - 60 - 54]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-72180	-8706	7858	13618 2	16562	3563	106.19	38.01	-42	906	14	14	Si	3.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-54036	-6491	4651	87025	10679	-420	106.19	38.01	-27	762	15	18	Si	4.7
1	-53334	-6507	5064	85532	10512	1023	106.19	38.01	-27	765	15	18	Si	4.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-52534	-5848	4444	32774	3393	-161	106.19	38.01	-11	488	16	20	Si	7.4
4	-54837	-6608	4130	26393	3093	-852	106.19	38.01	-10	739	16	20	Si	4.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-54036	-6491	4651	87025	10679	-420	498	0.045	0.045	15(Fr)	Si	4.5
16	-52534	-5848	4444	32774	3393	-161	18	0.001	0.001	16(Qp)	Si	>100

Muro :40 - Nodi : [51 - 57 - 59 - 53]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-73551	-9117	7084	13691 7	16758	5715	106.19	38.01	-42	901	14	14	Si	3.7
4	-72170	-8833	7821	13633 3	16619	2613	106.19	38.01	-42	908	14	14	Si	3.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-53017	-6481	5016	84898	10434	16	106.19	38.01	-26	763	15	18	Si	4.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-51711	-6306	3706	31173	3478	572	106.19	38.01	-11	479	16	20	Si	7.5
4	-54055	-6609	3828	24505	2881	-347	106.19	38.01	-10	736	16	20	Si	4.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-53017	-6481	5016	84898	10434	16	483	0.043	0.043	15(Fr)	Si	4.6
16	-51711	-6306	3706	31173	3478	572	13	0.001	0.001	16(Qp)	Si	>100

Muro :39 - Nodi : [52 - 58 - 57 - 51]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-75031	-9196	6685	13698 6	16795	4282	106.19	38.01	-43	886	14	14	Si	3.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-53488	-6488	4232	82442	10105	346	106.19	38.01	-26	723	15	18	Si	5.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-51681	-6510	2984	29383	3343	1109	106.19	38.01	-10	461	16	20	Si	7.8
4	-54816	-6635	2573	22277	2587	11	106.19	38.01	-9	692	16	20	Si	5.2

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-53488	-6488	4232	82442	10105	346	450	0.040	0.040	15(Fr)	Si	5.0
16	-51681	-6510	2984	29383	3343	1109	7	0.000	0.000	16(Qp)	Si	>100

Muro :38 - Nodi : [56 - 62 - 58 - 52]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi
 Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-74200	-9434	9365	13620 3	16723	4979	106.19	38.01	-42	885	14	14	Si	3.8
3	-70707	-9590	10507	13334 1	16712	5511	106.19	38.01	-41	887	14	14	Si	3.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-51592	-6487	5957	80201	9859	586	106.19	38.01	-25	711	15	18	Si	5.1

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-50697	-7089	3624	27928	3199	1231	106.19	38.01	-10	455	16	20	Si	7.9
4	-53026	-6665	4042	20227	2363	240	106.19	38.01	-9	675	16	20	Si	5.3

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-51592	-6487	5957	80201	9859	586	442	0.040	0.040	15(Fr)	Si	5.1
16	-50697	-7089	3624	27928	3199	1231	4	0.000	0.000	16(Qp)	Si	>100

Muro :37 - Nodi : [5 - 10 - 62 - 56]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-77500	-10247	5869	13607 6	16700	9618	106.19	38.01	-42	849	14	14	Si	4.0
4	-74027	-9764	7777	13520 5	16601	6773	106.19	38.01	-42	875	14	14	Si	3.9

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-50135	-6475	4910	76690	9434	1227	106.19	38.01	-24	677	15	18	Si	5.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-49582	-8024	2657	25646	2909	1775	106.19	38.01	-9	440	16	20	Si	8.2
4	-51759	-6689	2855	17024	1981	832	106.19	38.01	-8	642	16	20	Si	5.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-52856	-6903	1614	15671	1794	2336	0	0.000	0.000	16(Qp)	Si	>100
4	-50135	-6475	4910	76690	9434	1227	415	0.037	0.037	15(Fr)	Si	5.4

Muro :36 - Nodi : [45 - 50 - 49 - 44]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-316816	22693	46079	31994 1	42553	-40775	106.19	100.01	-100	941	14	14	Si	1.9
16	-80960	55188	12440	24219 2	28548	4989	106.19	100.01	-74	2151	14	14	Si	1.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-163531	14272	25090	19356 3	24300	-22383	106.19	100.01	-60	783	15	18	Si	2.3
16	-40346	28019	7998	14594 3	17717	4628	106.19	100.01	-44	1753	15	18	Si	2.1

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-169289	23156	23619	20569 7	26806	-26807	106.19	100.01	-64	836	16	20	Si	2.2
16	-39965	34278	6608	14974 5	19062	2810	106.19	100.01	-45	1829	16	20	Si	2.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-39965	34278	6608	149745	19062	2810	1454	0.130	0.130	16(Qp)	Si	1.5
16	-40346	28019	7998	145943	17717	4628	1400	0.125	0.125	15(Fr)	Si	1.6

Muro :35 - Nodi : [44 - 49 - 48 - 43]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-72296	47754	12247	23830 6	25449	5813	106.19	100.01	-72	2206	14	14	Si	1.5
14	-66413	41292	11581	23469 8	23573	5423	106.19	76.03	-71	2232	14	14	Si	1.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-35944	23866	7977	14328 4	16383	5224	106.19	100.01	-43	1794	15	18	Si	2.0
14	-32969	20455	7603	14101 5	15543	5122	106.19	76.03	-42	1813	15	18	Si	2.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-35466	29496	6654	14664 7	17495	3541	106.19	100.01	-44	1871	16	20	Si	1.9
14	-32386	25610	6283	14401 4	16513	3508	106.19	76.03	-43	1889	16	20	Si	1.9

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
14	-32386	25610	6283	144014	16513	3508	1474	0.132	0.132	16(Qp)	Si	1.5
14	-32969	20455	7603	141015	15543	5122	1428	0.128	0.128	15(Fr)	Si	1.6

Muro :34 - Nodi : [43 - 48 - 46 - 41]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-57438	24153	8343	22246 9	20774	3087	106.19	76.03	-67	2184	14	14	Si	1.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28822	11755	5923	13419 8	14025	4116	106.19	76.03	-40	1769	15	18	Si	2.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28145	15932	4504	136314	14774	2633	106.19	76.03	-41	1843	16	20	Si	2.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-28145	15932	4504	136314	14774	2633	1427	0.128	0.128	16(Qp)	Si	1.6
13	-28822	11755	5923	134198	14025	4116	1391	0.124	0.124	15(Fr)	Si	1.6

Muro :33 - Nodi : [41 - 46 - 47 - 42]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-54465	8188	4358	208163	20607	267	106.19	76.03	-63	2035	14	14	Si	1.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-28290	3905	3855	127284	13466	2776	106.19	76.03	-38	1650	15	18	Si	2.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-27985	7055	2284	128906	14097	1444	106.19	76.03	-38	1724	16	20	Si	2.1

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-27985	7055	2284	128906	14097	1444	1332	0.119	0.119	16(Qp)	Si	1.7
13	-28290	3905	3855	127284	13466	2776	1307	0.117	0.117	15(Fr)	Si	1.7

Muro :32 - Nodi : [40 - 45 - 44 - 39]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-218210	-2759	15473	207784	2048	-6402	106.19	76.03	-65	512	14	14	Si	3.0
16	-102589	-15182	23084	189920	15739	-13615	106.19	76.03	-59	1243	14	14	Si	2.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-111820	-1489	8339	11972	1272	-2530	106.19	76.03	-37	412	15	18	Si	3.7

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
				0										
16	-52508	-8142	13101	10944 1	9729	-4685	106.19	76.03	-34	1004	15	18	Si	3.6

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-117380	-1593	8810	13859 5	1430	-3743	106.19	76.03	-43	420	16	20	Si	3.2
16	-52755	-7818	12431	12679 6	11632	-6759	106.19	76.03	-39	1044	16	20	Si	3.4

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-78723	-11929	19489	149775	12898	-8844	1004	0.090	0.090	19(Qp)	Si	2.2
16	-52508	-8142	13101	109441	9729	-4685	788	0.071	0.071	15(Fr)	Si	2.8

Muro :31 - Nodi : [39 - 44 - 43 - 38]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-88689	-12704	15888	18457 9	16542	-12216	106.19	76.03	-57	1327	14	14	Si	2.5
16	-68778	-7081	4157	17351 3	16503	-9965	106.19	76.03	-53	1413	14	14	Si	2.4

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-45640	-6836	9540	10654 5	10512	-3692	106.19	76.03	-33	1072	15	18	Si	3.4
16	-36075	-3926	3853	10097 2	10812	-2035	106.19	76.03	-31	1142	15	18	Si	3.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-45540	-6138	8397	12346 4	12617	-5419	106.19	76.03	-38	1117	16	20	Si	3.2
16	-35632	-2795	2056	11718 4	13088	-3090	106.19	76.03	-36	1196	16	20	Si	3.0

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-35632	-2795	2056	117184	13088	-3090	1084	0.097	0.097	16(Qp)	Si	2.1
16	-36075	-3926	3853	100972	10812	-2035	869	0.078	0.078	15(Fr)	Si	2.6

Muro :30 - Nodi : [38 - 43 - 41 - 36]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-65676	-6339	1977	17027 9	16429	-9539	106.19	76.03	-52	1408	14	14	Si	2.4

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34712	-3527	2808	99436	10735	-1709	106.19	76.03	-30	1138	15	18	Si	3.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34281	-2385	868	11550 1	13026	-2608	106.19	76.03	-35	1195	16	20	Si	3.0

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-34281	-2385	868	115501	13026	-2608	1079	0.097	0.097	16(Qp)	Si	2.1
13	-34712	-3527	2808	99436	10735	-1709	866	0.077	0.077	15(Fr)	Si	2.6

Muro :29 - Nodi : [36 - 41 - 42 - 37]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-60261	-6363	-2404	15935 0	16496	-8445	106.19	76.03	-49	1332	14	14	Si	2.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-32759	-3393	782	94491	10280	-877	106.19	76.03	-29	1079	15	18	Si	3.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-32717	-2534	-1605	11029 7	12582	-1361	106.19	76.03	-33	1146	16	20	Si	3.1

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-32717	-2534	-1605	110297	12582	-1361	1030	0.092	0.092	16(Qp)	Si	2.2
13	-32759	-3393	782	94491	10280	-877	825	0.074	0.074	15(Fr)	Si	2.7

Muro :28 - Nodi : [35 - 40 - 39 - 34]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-189646	-1155	9837	17903 5	1184	-2998	106.19	38.01	-56	432	14	14	Si	3.4
16	-112948	-15144	22505	16893 5	11451	-8313	106.19	38.01	-53	890	14	14	Si	3.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-97072	-612	5325	10022 6	647	-533	106.19	38.01	-31	341	15	18	Si	4.5
16	-58345	-8006	12802	94822	6850	-1815	106.19	38.01	-30	711	15	18	Si	4.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-101896	-652	5624	12240 2	838	-1414	106.19	38.01	-38	347	16	20	Si	3.7
16	-59286	-8194	12454	11619 9	8706	-3363	106.19	38.01	-36	739	16	20	Si	3.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-86979	-11950	19119	132301	9314	-4718	711	0.064	0.064	19(Qp)	Si	3.1
16	-58345	-8006	12802	94822	6850	-1815	548	0.049	0.049	15(Fr)	Si	4.1

Muro :27 - Nodi : [34 - 39 - 38 - 33]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-97564	-15923	17621	16470 9	12646	-7860	106.19	38.01	-51	989	14	14	Si	3.4
16	-74764	-13820	5868	15508 7	13588	-6627	106.19	38.01	-48	1112	14	14	Si	3.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-50709	-8411	10451	92678	7832	-1438	106.19	38.01	-29	792	15	18	Si	4.5
16	-39759	-7310	4751	88095	8733	-490	106.19	38.01	-27	892	15	18	Si	4.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-51114	-8452	9644	11372 2	9997	-2767	106.19	38.01	-35	826	16	20	Si	4.0
16	-39624	-7012	3044	10855 5	11293	-1339	106.19	38.01	-33	938	16	20	Si	3.8

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
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P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-57199	-10663	6357	121931	11538	-3132	892	0.080	0.080	19(Qp)	Si	2.5
16	-39759	-7310	4751	88095	8733	-490	662	0.059	0.059	15(Fr)	Si	3.4

Muro :26 - Nodi : [33 - 38 - 36 - 31]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-70783	-12931	3197	15223 8	13697	-6346	106.19	38.01	-47	1121	14	14	Si	3.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-37964	-6842	3463	86806	8782	-269	106.19	38.01	-27	899	15	18	Si	4.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-37803	-6498	1545	10714 6	11400	-1003	106.19	38.01	-33	949	16	20	Si	3.8
14	-36556	-6086	358	10584 8	11437	-722	106.19	38.01	-32	951	16	20	Si	3.8

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-54221	-9897	4278	119850	11640	-2870	899	0.080	0.080	19(Qp)	Si	2.5
13	-37964	-6842	3463	86806	8782	-269	666	0.060	0.060	15(Fr)	Si	3.4

Muro :25 - Nodi : [31 - 36 - 37 - 32]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-63092	-10838	-2355	14254 0	14226	-5653	106.19	38.01	-44	1085	14	14	Si	3.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-34876	-5720	839	82600	8658	270	106.19	38.01	-25	872	15	18	Si	4.1

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-35030	-5445	-1682	10273 2	11360	-156	106.19	38.01	-31	934	16	20	Si	3.9

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-48879	-8042	-106	112927	11867	-2225	872	0.078	0.078	19(Qp)	Si	2.6
13	-34876	-5720	839	82600	8658	270	648	0.058	0.058	15(Fr)	Si	3.4

Muro :24 - Nodi : [30 - 35 - 34 - 29]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-164801	-535	5036	143808	702	136	106.19	38.01	-45	286	14	14	Si	4.2
16	-120997	-11653	16373	138422	7370	-1105	106.19	38.01	-43	493	14	14	Si	4.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-84582	-279	2799	75652	334	1058	106.19	38.01	-24	216	15	18	Si	5.9
16	-63253	-6073	9602	73234	3985	1716	106.19	38.01	-23	379	15	18	Si	6.1

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-88740	-303	2907	101313	486	638	106.19	38.01	-32	218	16	20	Si	4.4
16	-65104	-6469	9278	98516	5842	876	106.19	38.01	-31	394	16	20	Si	4.6

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-93405	-9183	14352	106685	5837	671	379	0.034	0.034	19(Qp)	Si	5.9
16	-63253	-6073	9602	73234	3985	1716	266	0.024	0.024	15(Fr)	Si	8.4

Muro :23 - Nodi : [29 - 34 - 33 - 28]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-108491	-14420	14569	135658	8392	-1170	106.19	38.01	-42	560	14	14	Si	4.6
16	-84597	-17434	6888	128597	9799	-1023	106.19	38.01	-40	690	14	14	Si	4.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-57169	-7512	8866	72045	4802	1729	106.19	38.01	-22	433	15	18	Si	6.2
16	-45789	-9088	5276	69119	5954	1931	106.19	38.01	-22	538	15	18	Si	6.5

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
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P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-58497	-7956	8191	97114	7043	965	106.19	38.01	-30	452	16	20	Si	4.6
16	-46321	-9512	3691	93808	8786	1361	106.19	38.01	-29	570	16	20	Si	4.8

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-65393	-13604	7296	99761	8299	885	538	0.048	0.048	19(Qp)	Si	4.2
16	-45789	-9088	5276	69119	5954	1931	368	0.033	0.033	15(Fr)	Si	6.1

Muro :22 - Nodi : [28 - 33 - 31 - 26]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-79377	-17463	4561	12640 0	10087	-977	106.19	38.01	-39	715	14	14	Si	4.7
16	-69333	-16293	-270	12025 6	10860	-925	106.19	38.01	-37	742	14	14	Si	4.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-43391	-9113	4165	68239	6123	1995	106.19	38.01	-21	557	15	18	Si	6.5
16	-39022	-8564	1855	65845	6320	2111	106.19	38.01	-20	579	15	18	Si	6.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-43815	-9516	2325	92853	9061	1474	106.19	38.01	-29	593	16	20	Si	4.9
16	-39468	-8915	-589	90349	9429	1697	106.19	38.01	-28	626	16	20	Si	5.0

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-54242	-12591	1626	93979	9098	1029	579	0.052	0.052	19(Qp)	Si	3.9
16	-39022	-8564	1855	65845	6320	2111	395	0.035	0.035	15(Fr)	Si	5.7

Muro :21 - Nodi : [26 - 31 - 32 - 27]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-67756	-15853	-1015	11879 5	11056	-926	106.19	38.01	-37	740	14	14	Si	4.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-38395	-8358	1499	65289	6324	2124	106.19	38.01	-20	578	15	18	Si	6.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-38919	-8699	-1065	89786	9459	1730	106.19	38.01	-28	628	16	20	Si	5.1

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
13	-53172	-12236	1008	92974	9200	1032	578	0.052	0.052	19(Qp)	Si	3.9
13	-38395	-8358	1499	65289	6324	2124	395	0.035	0.035	15(Fr)	Si	5.7

Muro :20 - Nodi : [25 - 30 - 29 - 24]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-153175	-332	2358	11911 2	463	2013	106.19	38.01	-38	170	14	14	Si	5.1
16	-124549	-9037	8991	11542 0	5124	3928	106.19	38.01	-36	267	14	14	Si	5.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-78996	-171	1413	57828	165	1808	106.19	38.01	-19	118	15	18	Si	7.5
16	-65808	-4657	5775	56508	2314	3769	106.19	38.01	-18	190	15	18	Si	7.8

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-83030	-187	1396	83113	305	1766	106.19	38.01	-26	119	16	20	Si	5.4
16	-68329	-5055	5211	81587	4078	3465	106.19	38.01	-25	197	16	20	Si	5.5

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-96216	-7061	8586	87106	3865	4188	190	0.017	0.017	19(Qp)	Si	12
16	-65808	-4657	5775	56508	2314	3769	108	0.010	0.010	15(Fr)	Si	21

Muro :19 - Nodi : [24 - 29 - 28 - 23]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-114521	-12082	8572	11346 2	5913	3798	106.19	38.01	-35	305	14	14	Si	5.4
16	-92013	-17462	5134	10828 0	7363	3483	106.19	38.01	-34	405	14	14	Si	5.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
13	-61087	-6233	5751	55846	2931	3718	106.19	38.01	-18	220	15	18	Si	8.0
16	-50590	-9056	4327	54124	4046	3618	106.19	38.01	-17	297	15	18	Si	8.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-63153	-6747	4913	80785	5076	3374	106.19	38.01	-25	229	16	20	Si	5.6
16	-51783	-9745	2730	78841	6814	3234	106.19	38.01	-25	316	16	20	Si	5.7

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-71697	-13603	5980	82459	6145	3958	297	0.027	0.027	19(Qp)	Si	7.5
16	-50590	-9056	4327	54124	4046	3618	170	0.015	0.015	15(Fr)	Si	13

Muro :18 - Nodi : [23 - 28 - 26 - 21]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-86313	-18284	3855	10664 1	7742	3374	106.19	38.01	-33	432	14	14	Si	5.8
16	-74236	-18560	873	10204 3	8771	3008	106.19	38.01	-32	483	14	14	Si	6.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-47987	-9508	3743	53592	4270	3588	106.19	38.01	-17	317	15	18	Si	8.4
16	-42671	-9777	2344	52141	4649	3468	106.19	38.01	-16	356	15	18	Si	8.6

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-49012	-10216	1918	78273	7157	3200	106.19	38.01	-24	340	16	20	Si	5.7
16	-43534	-10451	-40	76790	7739	3077	106.19	38.01	-24	390	16	20	Si	5.9

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-58760	-14470	2524	78400	7271	3673	356	0.032	0.032	19(Qp)	Si	6.3
16	-42671	-9777	2344	52141	4649	3468	208	0.019	0.019	15(Fr)	Si	11

Muro :17 - Nodi : [21 - 26 - 27 - 22]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-72179	-18262	370	10095 0	9015	2911	106.19	38.01	-31	489	14	14	Si	6.1
16	-68873	-17402	-329	98744	8944	2729	106.19	38.01	-31	494	14	14	Si	6.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-41819	-9663	2104	51804	4694	3430	106.19	38.01	-16	360	15	18	Si	8.7
16	-40525	-9310	1763	51161	4745	3356	106.19	38.01	-16	364	15	18	Si	8.8

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-42716	-10312	-391	76459	7814	3039	106.19	38.01	-24	397	16	20	Si	5.9
16	-41566	-9893	-914	75835	7905	2969	106.19	38.01	-24	405	16	20	Si	5.9

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-55126	-13617	1416	76253	7460	3479	364	0.033	0.033	19(Qp)	Si	6.1
16	-40525	-9310	1763	51161	4745	3356	214	0.019	0.019	15(Fr)	Si	10

Muro : 16 - Nodi : [20 - 25 - 24 - 19]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-150318	-285	410	103406	344	3305	106.19	38.01	-34	94	14	14	Si	5.7
16	-126774	-8321	1825	100610	4046	7625	106.19	38.01	-32	153	14	14	Si	6.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-77924	-144	419	46136	74	2145	106.19	38.01	-16	57	15	18	Si	8.8
16	-67701	-4243	2081	45406	1413	4917	106.19	38.01	-15	97	15	18	Si	9.3

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-82247	-158	305	65970	189	2426	106.19	38.01	-21	56	16	20	Si	6.7
16	-70789	-4632	1210	65203	2828	4985	106.19	38.01	-20	99	16	20	Si	6.8

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-97964	-6395	3030	74260	2847	6548	97	0.008	0.008	19(Qp)	Si	25
16	-67701	-4243	2081	45406	1413	4917	37	0.003	0.003	15(Fr)	Si	75

Muro : 15 - Nodi : [19 - 24 - 23 - 18]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
13	-117778	-11376	1984	99145	4736	7503	106.19	38.01	-31	179	14	14	Si	6.1
16	-96326	-17350	1953	95340	6260	6880	106.19	38.01	-30	256	14	14	Si	6.5

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-63606	-5820	2335	45069	1917	4865	106.19	38.01	-15	116	15	18	Si	9.5
16	-53835	-8977	2600	44228	3007	4599	106.19	38.01	-14	171	15	18	Si	10.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-66266	-6345	1226	64803	3631	4792	106.19	38.01	-20	119	16	20	Si	6.9
16	-55570	-9754	899	63900	5225	4305	106.19	38.01	-20	181	16	20	Si	7.0

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-75600	-13414	3487	71218	5053	6092	171	0.015	0.015	19(Qp)	Si	13
16	-53835	-8977	2600	44228	3007	4599	74	0.007	0.007	15(Fr)	Si	31

Muro :14 - Nodi : [18 - 23 - 21 - 16]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-90577	-18436	1840	94163	6703	6643	106.19	38.01	-29	280	14	14	Si	6.5
16	-77842	-19342	1438	90921	7906	5928	106.19	38.01	-28	336	14	14	Si	6.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-51249	-9583	2595	43987	3266	4503	106.19	38.01	-14	189	15	18	Si	10
16	-45686	-10241	2475	43379	3769	4205	106.19	38.01	-14	229	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-52775	-10399	720	63661	5586	4168	106.19	38.01	-20	201	16	20	Si	7.1
16	-46903	-11045	168	63093	6265	3800	106.19	38.01	-20	250	16	20	Si	7.1

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-62308	-15099	2887	68699	6401	5490	229	0.020	0.020	19(Qp)	Si	9.8
16	-45686	-10241	2475	43379	3769	4205	106	0.009	0.009	15(Fr)	Si	21

Muro :13 - Nodi : [16 - 21 - 22 - 17]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-75574	-19146	1359	90158	8185	5752	106.19	38.01	-28	345	14	14	Si	6.9
16	-71849	-18414	1265	88606	8174	5414	106.19	38.01	-28	358	14	14	Si	7.0

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-44744	-10197	2443	43248	3842	4129	106.19	38.01	-14	236	15	18	Si	10
16	-43266	-9942	2400	43012	3946	3983	106.19	38.01	-13	245	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-45954	-10973	50	62977	6365	3714	106.19	38.01	-20	259	16	20	Si	7.1
16	-44531	-10639	-134	62772	6501	3559	106.19	38.01	-20	273	16	20	Si	7.2

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
16	-58225	-14494	2549	67378	6690	5159	245	0.022	0.022	19(Qp)	Si	9.1
16	-43266	-9942	2400	43012	3946	3983	117	0.010	0.010	15(Fr)	Si	19

Muro :12 - Nodi : [15 - 20 - 19 - 14]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-165031	-673	-3898	96630	379	4973	106.19	38.01	-33	32	14	14	Si	5.8
4	-128667	-13003	-11426	95389	5098	12098	106.19	38.01	-31	116	14	14	Si	6.3

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-86011	-331	-1741	40976	76	2293	106.19	38.01	-15	12	15	18	Si	9.0
4	-70179	-6581	-4722	41177	1762	5593	106.19	38.01	-14	65	15	18	Si	9.9

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-85722	-198	-816	48970	98	2756	106.19	38.01	-17	22	16	20	Si	8.2
4	-74172	-7032	-6202	36563	1301	5597	106.19	38.01	-14	63	16	20	Si	10

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-70179	-6581	-4722	41177	1762	5593	14	0.001	0.001	15(Fr)	Si	>100
16	-73029	-5376	-2877	48930	1876	5669	39	0.003	0.003	16(Qp)	Si	70

Muro :11 - Nodi : [14 - 19 - 18 - 13]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-118028	-15776	-9231	94753	6024	11796	106.19	38.01	-30	149	14	14	Si	6.4
4	-96506	-19035	-2694	93326	7872	10409	106.19	38.01	-29	238	14	14	Si	6.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-65413	-8038	-3524	41327	2343	5446	106.19	38.01	-14	87	15	18	Si	10
4	-55886	-9933	-74	41984	3548	4798	106.19	38.01	-14	147	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-68291	-7127	-2524	48913	2517	5391	106.19	38.01	-16	80	16	20	Si	8.8
4	-58184	-10759	-1989	37942	3086	4384	106.19	38.01	-13	147	16	20	Si	11

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-55886	-9933	-74	41984	3548	4798	53	0.004	0.004	15(Fr)	Si	46
16	-57683	-10213	-988	49022	3925	4638	91	0.008	0.008	16(Qp)	Si	25

Muro :10 - Nodi : [13 - 18 - 16 - 11]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-91435	-19296	-975	92962	8345	9961	106.19	38.01	-29	264	14	14	Si	6.6
4	-80499	-18575	2618	91926	9558	8792	106.19	38.01	-29	327	14	14	Si	6.7

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-49162	-10069	2701	43071	4411	4064	106.19	38.01	-14	211	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-54995	-10736	-547	49101	4269	4425	106.19	38.01	-15	153	16	20	Si	9.1
4	-50762	-10851	554	39245	4025	3563	106.19	38.01	-13	216	16	20	Si	11

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-49162	-10069	2701	43071	4411	4064	87	0.008	0.008	15(Fr)	Si	26
16	-49388	-11141	302	49411	4950	3891	136	0.012	0.012	16(Qp)	Si	16

Muro :9 - Nodi : [11 - 16 - 17 - 12]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-78551	-18159	3115	91685	9828	8546	106.19	38.01	-29	338	14	14	Si	6.7
4	-75202	-17330	3864	91074	9856	8073	106.19	38.01	-28	357	14	14	Si	6.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-47143	-9650	3319	43716	4636	3736	106.19	38.01	-14	235	15	18	Si	10

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-47024	-10717	567	49686	5205	3576	106.19	38.01	-16	226	16	20	Si	9.0
4	-48654	-10309	1066	39938	4266	3247	106.19	38.01	-13	244	16	20	Si	11

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-47143	-9650	3319	43716	4636	3736	101	0.009	0.009	15(Fr)	Si	22
16	-47024	-10717	567	49686	5205	3576	153	0.014	0.014	16(Qp)	Si	15

Muro :8 - Nodi : [6 - 15 - 14 - 7]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-194487	-2392	-11420	10456 7	992	6382	106.19	38.01	-37	7	14	14	Si	5.2
4	-123855	-19751	-16429	10541 6	8442	13364	106.19	38.01	-33	196	14	14	Si	5.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-101167	-1194	-5495	47134	413	2625	106.19	38.01	-18	-1	15	18	Si	7.8
4	-68772	-10121	-7432	48380	3682	5280	106.19	38.01	-16	123	15	18	Si	8.9

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-94673	-424	-2614	31200	16	2757	106.19	38.01	-14	5	16	20	Si	9.7
4	-73169	-10701	-9281	19710	624	4480	106.19	38.01	-10	118	16	20	Si	14

Verifica aperture fessure:Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-108213	-1196	-5870	16459	-6	2519	0	0.000	0.000	16(Qp)	Si	>100
4	-68772	-10121	-7432	48380	3682	5280	48	0.004	0.004	15(Fr)	Si	55

Muro :7 - Nodi : [7 - 14 - 13 - 8]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-93285	-18463	-2336	10660 5	11077	10909	106.19	38.01	-33	379	14	14	Si	5.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-55424	-9891	-166	51037	5378	4018	106.19	38.01	-16	250	15	18	Si	8.7

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-68712	-9232	-5710	32889	1636	5097	106.19	38.01	-12	94	16	20	Si	11
4	-57820	-10645	-2095	23489	2038	3378	106.19	38.01	-10	245	16	20	Si	14

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-55424	-9891	-166	51037	5378	4018	116	0.010	0.010	15(Fr)	Si	19
16	-58136	-10885	-2069	34280	2825	4203	12	0.001	0.001	16(Qp)	Si	>100

Muro :6 - Nodi : [8 - 13 - 11 - 9]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-80916	-15942	4365	10686 0	12373	9242	106.19	38.01	-33	478	14	14	Si	5.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-50584	-8983	3392	53302	6143	3243	106.19	38.01	-17	328	15	18	Si	8.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-55804	-10996	-1147	34693	3126	3961	106.19	38.01	-12	181	16	20	Si	12
4	-52297	-9602	1363	25968	2809	2684	106.19	38.01	-10	323	16	20	Si	11

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-50584	-8983	3392	53302	6143	3243	163	0.015	0.015	15(Fr)	Si	14
16	-51145	-10638	729	35889	3728	3390	35	0.003	0.003	16(Qp)	Si	75

Muro :5 - Nodi : [9 - 11 - 12 - 10]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-79663	-15345	4812	10690 4	12578	9050	106.19	38.01	-33	490	14	14	Si	5.8
4	-76863	-14555	5104	10669 6	12591	8738	106.19	38.01	-33	512	14	14	Si	5.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-49286	-8426	3682	54477	6349	2996	106.19	38.01	-17	357	15	18	Si	8.2

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-49189	-10074	1231	36711	3959	3081	106.19	38.01	-12	261	16	20	Si	12
4	-50886	-8934	1567	27138	3009	2496	106.19	38.01	-10	352	16	20	Si	10

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
4	-49286	-8426	3682	54477	6349	2996	182	0.016	0.016	15(Fr)	Si	12
16	-49189	-10074	1231	36711	3959	3081	46	0.004	0.004	16(Qp)	Si	55

Muro :4 - Nodi : [4 - 9 - 10 - 5]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-83383	-10496	7163	13648 0	16720	10031	106.19	38.01	-42	794	14	14	Si	4.2
4	-79731	-10388	4854	13617 5	16746	7910	106.19	38.01	-42	828	14	14	Si	4.1

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-52524	-6634	3248	74894	9159	1688	106.19	38.01	-23	621	15	18	Si	5.8

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-51544	-8416	1610	24016	2678	2298	106.19	38.01	-9	398	16	20	Si	9.0
4	-54284	-6882	1281	15454	1739	1205	106.19	38.01	-8	596	16	20	Si	6.0

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-55163	-6985	2733	14613	1622	2553	0	0.000	0.000	16(Qp)	Si	>100
4	-52524	-6634	3248	74894	9159	1688	372	0.033	0.033	15(Fr)	Si	6.0

Muro :3 - Nodi : [3 - 8 - 9 - 4]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-81930	-11095	6367	13587 6	16691	8329	106.19	38.01	-42	802	14	14	Si	4.2

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-52410	-6895	4242	73231	8969	1967	106.19	38.01	-23	595	15	18	Si	6.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
16	-52704	-9088	1668	22729	2491	2402	106.19	38.01	-9	369	16	20	Si	9.8
4	-54267	-7182	2334	13925	1563	1400	106.19	38.01	-8	578	16	20	Si	6.2

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-56603	-7543	-382	11614	1225	2883	0	0.000	0.000	16(Qp)	Si	>100
4	-52410	-6895	4242	73231	8969	1967	354	0.032	0.032	15(Fr)	Si	6.3

Muro :2 - Nodi : [2 - 7 - 8 - 3]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-90886	-12515	-712	13479 4	16352	9685	106.19	38.01	-42	703	14	14	Si	4.6

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
4	-55610	-7399	371	69951	8484	2595	106.19	38.01	-22	507	15	18	Si	6.4

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
13	-66781	-11100	-6906	17001	823	3804	106.19	38.01	-9	192	16	20	Si	15
4	-58081	-7781	-1430	10660	1080	1793	106.19	38.01	-7	498	16	20	Si	7.2

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-65695	-8895	-5211	6288	435	3299	0	0.000	0.000	16(Qp)	Si	>100
4	-55610	-7399	371	69951	8484	2595	291	0.026	0.026	15(Fr)	Si	7.7

Muro :1 - Nodi : [1 - 6 - 7 - 2]

Pann.X=4 Pann.Y=4 Spess.= 160 cm Criterio CLS_Muri Materiale: C35/45

Armatura a maglia doppia, Stampa elementi piu' gravosi

Combinazione Rara: sca[kg/cmq]=193 sfa[kg/cmq]=3375

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-253437	-35096	-53388	12992 4	11833	20234	106.19	38.01	-47	-16	14	14	Si	4.1
4	-114324	-16457	-13316	12771 1	15176	12298	106.19	38.01	-40	436	14	14	Si	4.8

Combinazione Freq.: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-131330	-17887	-26623	64595	5943	9409	106.19	38.01	-24	-11	15	18	Si	5.8
4	-65098	-9093	-6152	64064	7610	4056	106.19	38.01	-20	310	15	18	Si	7.0

Combinazione QP: sca[kg/cmq]=140 sfa[kg/cmq]=3600

P.	Nx	Ny	Nxy	Mx	My	Mxy	Afx	Afy	scmax	sfmax	Cbc	Cbf	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	cmq/m	cmq/m	kg/cmq	kg/cmq				
1	-140013	-18582	-26943	-6356	-481	2721	106.19	38.01	-14	-11	16	19	Si	10
4	-69587	-9669	-8096	3649	120	2419	106.19	38.01	-7	302	16	20	Si	12

Verifica aperture fessure: Wamm_Freq[mm]=0.200 Wamm_Qp[mm]=0.200

P.	Nx	Ny	Nxy	Mx	My	Mxy	sfmed	Wd	Wk	Cb	Ver	Cs
	kg/mq	kg/mq	kg/mq	kg	kg	kg	kg/cmq	mm	mm			
1	-140013	-18582	-26943	-6356	-481	2721	0	0.000	0.000	16(Qp)	Si	>100
4	-65098	-9093	-6152	64064	7610	4056	170	0.015	0.015	15(Fr)	Si	13

13 VERIFICHE STRUTTURALI IN FASE DI SPINTA

13.1 VALUTAZIONE DELLA SPINTA

Tra la struttura del monolite ed il piano di scorrimento (estradosso platea) viene posizionato uno *strato di scorrimento* composto da due fogli di TNT tra i quali vengono interposti, a contatto tra loro, due fogli di polietilene cerato al fine di evitare fenomeni di adesione e ridurre l'attrito.

In ogni caso, prudenzialmente, si può assumere un valore del coefficiente di attrito di primo distacco μ (corrispondente all'inizio della traslazione del monolite) pari a 1. L'attrito di scorrimento, dopo la fase di primo distacco, scende a valori più modesti; tale riduzione fornisce una 'riserva' disponibile per superare la resistenza frontale.

Inoltre, durante l'infissione, oltre all'attrito tra monolite e platea, si oppone all'avanzamento della struttura anche l'attrito con il terreno in corrispondenza delle pareti laterali.

Pertanto, è possibile valutare la spinta massima necessaria per l'avanzamento del monolite in fase di infissione nel modo seguente:

$$S_{m,max} = \mu P_{monolite} + S_l,$$

dove S_l è il valore della spinta necessaria a contrastare gli attriti laterali. Tale azione può essere valutata, nella fase di primo stacco, con l'espressione seguente:

$$S_l = \tan \delta L_m K_0 \gamma H_m^2 / 2$$

Con

$$L_m = \text{Lunghezza complessiva del monolite} = (39,01+30,49)/2 \text{ m} =$$

$$H_m = \text{Altezza complessiva del monolite} = 10,75 \text{ m}$$

$$\Phi = \text{angolo di attrito} = 36^\circ$$

$$\delta = \text{adesione terra muro in c.a.} = 2/3 \phi = 24^\circ$$

$$\tan \delta = 0,45$$

$$K_0 = \text{coefficiente di spinta a riposo} = 1 - \text{sen } \phi = 0,4122$$

$$\gamma = \text{peso di volume} = 21 \text{ kN/m}^3$$

Si ottiene quindi il seguente valore:

$$S_l = 7821 \text{ kN}$$

Il valore di $S_{m,max}$ è, pertanto, funzione della posizione del monolite; in effetti il valore massimo di S_l viene attinto allorché l'infissione del monolite è quasi completa (ovvero quando risulta massima la superficie delle pareti del monolite a contatto con il terreno). In tali condizioni, se si assume ancora, a favore di sicurezza, che il coefficiente di attrito di primo stacco in corrispondenza della soletta di fondazione (che in tale fase è ormai poggiata sul terreno e non più sulla platea di varo) sia pari all'unità, si ottiene:

$$S_{m,max} = \mu P_{\text{monolite}} + S_{l,max} = 78040 \text{ kN, con } P_{\text{monolite}} = 70219 \text{ kN}$$

Quindi il valore della spinta da considerare sui martinetti vale:

$$Q = S_{m,max} / 0.6 = 130060 \text{ kN}$$

13.2 VERIFICA DELLA PLATEA DI VARO

La platea di varo è costituita da una soletta in c.a. di spessore pari a 0.50 m affiancata da n.2 cordoli laterali con funzione di "guida" del monolite. La platea di varo viene verificata nei confronti di uno sforzo di trazione pari alla risultante dell'attrito tra la platea ed il terreno sottostante e di quello tra la platea ed il monolite.

Le due azioni sono espresse tramite le espressioni seguenti:

$$R_{p-m} = f_m P_m,$$

$$R_{p-t} = (\text{tg } \phi') (P_m + P_{pl}),$$

essendo:

f_m coefficiente di attrito tra platea di varo e monolite il cui valore è assunto pari ad 1 in fase di primo stacco (mentre scende circa a 0.36 allorché la traslazione è già iniziata per effetto della interposizione dello *strato di scorrimento* descritto in precedenza),

$\text{tg } \phi' = 0.45$, coefficiente di attrito terreno-platea di varo,

$P_{pl} = 8500 \text{ kN}$, è il peso della platea di varo (comprensivo dei cordoli).

La Forza di trazione massima cui è sottoposta la platea si instaura all'inizio della spinta in assenza di attrito ed è pari al peso totale del monolite ovvero:

$$F_{p,max} = 70219 \text{ kN}$$

Invece durante la fase di spinta attivandosi l'attrito tra i componenti di spinta, la Forza di trazione cui è sottoposta la platea di varo risulta pari a:

$$F_{p,spinta} = R_{p-m} - R_{p-t} = 35423 \text{ kN}$$

Tale azione dovrà essere integralmente assorbita dall'armatura della soletta ovvero dall'armatura di collegamento tra la soletta e la parete reggi-spinta.

La forza di trazione di calcolo a metro lineare risulta:

$$F_{sd} = 1.3 \times 70220 / 23.02 = 3968 \text{ kN}$$

Considerando un'armatura pari a 1 + 1 Ø 26/10, la tensione nel ferro risulta:

$$sf = 3968 \times 10 / (2 \times 10 \times 5.30) = 373 \text{ MPa} < 391.3 \text{ MPa}$$

14 VERIFICHE GEOTECNICHE

14.1 MODELLO PER IL CALCOLO DEL CARICO LIMITE

Il terreno di fondazione è considerato costituito da due strati uno superiore ed uno inferiore al piano di posa della fondazione. La presenza della falda è presa in considerazione in base alla sua profondità dal piano campagna. Per la verifica a carico limite si adotta l'approccio 2 con una unica combinazione di carico A1+M1+R3, in cui i coefficienti parziali di sicurezza per le resistenze sono unitari ed il coefficiente di sicurezza globale è 2.3 per il carico limite verticale e 1.1 per il coefficiente di sicurezza a carico orizzontale. L'effetto del sisma è portato in conto considerando che la forza applicata a causa del sisma non è nè centrata nè verticale; ciò comporta l'applicazione di fattori correttivi per l'inclinazione e una riduzione delle dimensioni della fondazione in funzione dell'eccentricità. Di seguito si riporta il calcolo per le combinazioni più gravose; in calce è riportato un riepilogo per tutte le combinazioni.

Il calcolo del carico limite è valutato secondo la formula di Terzaghi-Meyerof

$$Q_{lim} = q \cdot N_q \cdot \zeta_q \cdot \xi_q \cdot \alpha_q \cdot \beta_q \cdot \psi_q + c \cdot N_c \cdot \zeta_c \cdot \xi_c \cdot \alpha_c \cdot \beta_c \cdot \psi_c + \gamma \cdot N_\gamma \cdot \frac{B}{2} \cdot \zeta_\gamma \cdot \xi_\gamma \cdot \alpha_\gamma \cdot \beta_\gamma \cdot \psi_\gamma$$

dove:

N_q, N_c, N_γ = Coefficienti di Terzaghi - Meyerof per la striscia indefinita

$\zeta_q, \zeta_c, \zeta_\gamma$ = coefficienti correttivi di forma funzione del rapporto B/L

ξ_q, ξ_c, ξ_γ = coefficienti correttivi di inclinazione del carico dipendente da H/V

$\alpha_q, \alpha_c, \alpha_\gamma$ = coefficienti correttivi di inclinazione del piano di posa

$\beta_q, \beta_c, \beta_\gamma$ = coefficienti correttivi di inclinazione del piano campagna

Z_q, Z_c, Z_γ = coefficienti sismici per considerare l'effetto cinematico, considerati solo in presenza di sisma

$\psi_q, \psi_c, \psi_\gamma$ = coefficienti correttivi di punzonamento dipendenti da un indice di rigidezza del terreno; in particolare detto I_r l'indice di rigidezza del terreno (secondo la teoria di Vesic dipendente dal modulo tangenziale $G < 1.5 E / (1 + \nu)$ del terreno, dalla coesione c, dalla tensione effettiva alla profondità B/2 sotto il piano di posa, dall'angolo di attrito del terreno di fondazione) ed $I_{r_{crit}}$ l'indice di rigidezza critico (dipendente dall'angolo di attrito del terreno e dal rapporto B/L), risulta che i coefficienti di punzonamento sono uguali alla unità quando $I_r \geq I_{r_{crit}}$, mentre sono minori dell'unità quando $I_r < I_{r_{crit}}$.

Oltre a queste correzioni un'altra deriva dalla eccentricità del carico riducendo le dimensioni della fondazione in modo che il carico risulti centrato rispetto alla fondazione ridotta; dette e_b ed e_l le eccentricità del carico nella direzione di B ed L, il carico limite si calcola per una fondazione di dimensioni ridotte $B' = B - 2e_b$ e $L' = L - 2e_l$

Altra correzione deriva dalla presenza della falda inserendo i pesi del terreno immerso nel primo e terzo termine, in particolare, detta H_f la profondità della falda e D la profondità del piano di posa, si ha:

per $H_f < D$ si valuta la pressione effettiva sul piano di posa considerando che parte del terreno superiore è immerso, mentre nel terzo termine si userà il peso immerso

per $H_f > D$ ed $H_f < D + B$ il peso del terreno del terzo termine si interpola tra i valori immerso e secco secondo la formula:

$$\gamma = \gamma' + (\gamma - \gamma') * D/B$$

per $H_f > D+B$ la falda è trascurata.

I coefficienti di Terzaghi - Meyerof per la striscia ed i coefficienti correttivi sono dati dalle relazioni:

$$N_q = \frac{1 + \sin(\varphi)}{1 - \sin(\varphi)} e^{r \tan(\varphi)}$$

$$N_c = (N_q - 1) \cot(\varphi)$$

Il coefficiente N_γ non è suscettibile di una espressione in forma analitica chiusa, ed è stato calcolato per via numerica da diversi Autori. I valori del coefficiente sono riportati nella seguente tabella in funzione dell'angolo ϕ :

ϕ°	0	1	2	3	4	5	6	7	8
N_γ	0	0.07	0.15	0.24	0.34	0.45	0.57	0.71	0.86
ϕ°	9	10	11	12	13	14	15	16	17
N_γ	1.03	1.22	1.44	1.69	1.97	2.29	2.65	3.06	3.53
ϕ°	18	19	20	21	22	23	24	25	26
N_γ	4.07	4.68	5.39	6.2	7.13	8.2	9.44	10.88	12.54
ϕ°	27	28	29	30	31	32	33	34	35
N_γ	14.47	16.72	19.34	22.4	25.99	30.22	35.19	41.06	48.03
ϕ°	36	37	38	39	40	41	42	43	44
N_γ	56.31	66.19	78.03	92.25	109.41	130.22	155.55	186.54	224.64
ϕ°	45	46	47	48	49	50			
N_γ	271.76	330.75	403.67	496.01	613.16	762.89			

$$\zeta_q = 1 + \frac{B}{L} \tan(\varphi)$$

$$\zeta_c = 1 + \frac{B}{L} \frac{N_q}{N_c}$$

$$\zeta_r = 1 - 0.4 \frac{B}{L}$$

$$m = \frac{2 + \frac{B}{L}}{1 + \frac{B}{L}}$$

$$\xi_q = \left[1 - \frac{H \tan(\varphi)}{V \tan(\varphi) + BLc} \right]^m$$

$$\xi_c = \xi_q - \frac{1 - \xi_q}{N_c \cdot \tan(\varphi)}$$

$$\xi_r = \left[1 - \frac{H \tan(\varphi)}{V \tan(\varphi) + BLc} \right]^{m+1}$$

$$\psi_q = \exp \left(0.6 \frac{B}{L} - 4.4 \right) \tan(\varphi) + \frac{3.07 \sin(\varphi) \log_{10}(2I_r)}{1 + \sin(\varphi)}$$

$$\psi_c = \psi_q - \frac{1 - \psi_q}{N_q \tan(\varphi)} \text{ se } \varphi \neq 0; \quad \psi_c = 0.32 + 0.12 \frac{B}{L} + 0.6 \log_{10}(I_r) \text{ se } \varphi = 0$$

$$\psi_y = \psi_q$$

$$\alpha_q = \alpha_y = (1 - \varepsilon \tan(\varphi))^2$$

$$\alpha_c = \alpha_q - \frac{1 - \alpha_q}{N_c \tan(\varphi)}$$

$$\beta_q = (1 - \tan(\omega))^2 \cos(\omega)$$

$$\beta_c = \beta_q - \frac{q - \beta_q}{N_c \tan(\varphi)}$$

$$\beta_c = \beta_q - \frac{q - \beta_q}{N_c \tan(\varphi)}$$

$$\varepsilon < \pi/4; \quad \omega < \pi/4; \quad \omega < \varphi$$

$$zq = zc = 1$$

$$zg = (1 - kh / \tan(\varphi))^{0.45}$$

$$kh = \beta \frac{\alpha_{\max}}{g} \cdot (\text{vedi NT-7.11.3})$$

Per la fondazione composta si adotta una fondazione rettangolare equivalente ottenuta mediando le basi dei tratti pesati rispetto alla loro lunghezza; il numero di tratti che si prendono in considerazione sono quelli che si ottengono considerando la parte di fondazione sulla quale le tensioni del terreno non sono nulle considerando le sole condizioni di equilibrio (metodo del trapezio). La fondazione equivalente è poi ridotta in base alle eccentricità della risultante dei carichi verticali.

Simbologia carico limite fondazione rettangolare:

B	Base
L	Lunghezza
e _b	Eccentricità secondo B
e _l	Eccentricità secondo L
D	Profondità del piano di posa
ε	Inclinazione del piano di posa
ω	Inclinazione del piano campagna
φ	Angolo di attrito del terreno di fondazione
c	Coesione del terreno di fondazione
G	Modulo tangenziale del terreno di fondazione
γ ₁	Peso specifico terreno superiore
γ	Peso specifico terreno di fondazione
γ _{1Sat}	Peso specifico terreno saturo superiore
γ _{Sat}	Peso specifico terreno saturo di fondazione
H _f	Profondità della falda

W0	Peso specifico acqua
Fv	Componente ortogonale dell'azione sulla fondazione
Fh	Componente tangenziale dell'azione sulla fondazione

Platea 153-2

Dati della fondazione rettangolare

Profondità della falda Hf=6.00[m]

Peso specifico acqua W0=1.00[t/mc]

B	21.10	[m]
L	26.14	[m]
eb	0.97	[m]
el	1.84	[m]
D	9.20	[m]
e	0.00	[°]
w	0.00	[°]
f	31.00	[°]
c	0.00	[kg/cm ²]
G	87.40	[kg/cm ²]
g ₁	1.90	[t/mc]
g	1.90	[t/mc]
g _{1Sat}	2.10	[t/mc]
g _{Sat}	2.10	[t/mc]
Hf	6.00	[m]
W0	1.00	[t/mc]
Fv	15017209	[kg]
Fh	451167	[kg]

Carico limite

N _q	N _c	N _g
20.631	32.671	25.990
a _q	a _c	a _g
1.000	1.000	1.000
b _q	b _c	b _g
1.000	1.000	1.000
x _q	x _c	x _g
0.954	0.952	0.925
y _q	y _c	y _g
0.828	0.814	0.828
z _q	z _c	z _g
1.513	1.539	0.659
z _q	z _c	z _g
1.000	1.000	1.000
N' _q	N' _c	N' _g
24.661	38.967	13.124

Indice di rigidezza critico $I_{crit} = 86.580$

Indice di rigidezza $I_r = 57.141$

V = 15017209 [kg]

H = 451167 [kg]

eb = 0.97 [m]

el = 1.84 [m]

Q_{lim} = 24.661 * 1.49 [kg/cm²] + 13.124 * 1.10 [t/mc] * 19.16 [m] / 2 = 50.62 [kg/cm²]

Q_d = 22.01 [kg/cm²]

h_{vd} = 2.300

H_{lim} = 9023249 [kg]

Hd = 8202954 [kg]
 $h_{nd}=1.100$
 $V=15017209$ [kg] <= $V_d=94677008$ [kg]
 $H=4511167$ [kg] <= $H_d=8202954$ [kg]

VERIFICATO
VERIFICATO

La fondazione è considerata infinitamente *rigida* rispetto al terreno. Il volume di terreno influenzato dalla costruzione è tale che il substrato rigido non influenza il comportamento della fondazione, pertanto l'ultimo strato viene esteso fino alla profondità per la quale sono significativi gli incrementi di tensione indotti dai carichi

N°	H[m]	Eed[kg/cmq]	g[t/mc]	Imp.	A	E0[kg/cmq]	g _{Sat} [t/mc]
1	15.00	340.00	19.00	No	-----	-----	2.10

Profondità fondazione **Df = 9.20** [m]
 Carico netto **q_{eff}=0.00**[kg/cmq]
 Cedimento Immediato (fine) **W_{0f}=0**[mm]
 Cedimento Immediato (grossa) **W_{0g}=0**[mm]
 Cedimento di consolidazione(fine) **W_c=0**[mm]
 Cedimento totale **W_t=0**[mm]

Platea 153-4

Dati della fondazione rettangolare

Profondità della falda $H_f=6.00$ [m]
 Peso specifico acqua $W_0=1.00$ [t/mc]

B	21.10	[m]
L	26.14	[m]
eb	0.88	[m]
el	2.01	[m]
D	9.20	[m]
e	0.00	[°]
w	0.00	[°]
f	31.00	[°]
c	0.00	[kg/cmq]
G	87.40	[kg/cmq]
g ₁	1.90	[t/mc]
g	1.90	[t/mc]
g _{1Sat}	2.10	[t/mc]
g _{Sat}	2.10	[t/mc]
Hf	6.00	[m]
W0	1.00	[t/mc]
Fv	15238172	[kg]
Fh	593958	[kg]

Carico limite

N _q	N _c	N _g
20.631	32.671	25.990
a _q	a _c	a _g
1.000	1.000	1.000
b _q	b _c	b _g
1.000	1.000	1.000
x _q	x _c	x _g
0.941	0.938	0.904
y _q	y _c	y _g

0.833	0.820	0.833
Z _q	Z _c	Z _g
1.525	1.552	0.650
z _q	z _c	z _g
1.000	1.000	1.000
N' _q	N' _c	N' _g
24.660	38.968	12.734

Indice di rigidezza critico $l_{r_{crit}} = 85.162$

Indice di rigidezza $l_r = 56.924$

V = 15238172 [kg]

H = 593958 [kg]

eb = 0.88 [m]

el = 2.01 [m]

Q_{lim} = 24.660 * 1.49 [kg/cmq] + 12.734 * 1.10 [t/mc] * 19.33 [m] / 2 = 50.33 [kg/cmq]

Q_d = 21.88 [kg/cmq]

h_{vd} = 2.300

H_{lim} = 9156018 [kg]

H_d = 8323652 [kg]

h_{nd} = 1.100

V = 15238172 [kg] <= V_d = 93597447 [kg]

H = 593958 [kg] <= H_d = 8323652 [kg]

VERIFICATO

VERIFICATO

La fondazione è considerata infinitamente rigida rispetto al terreno. Il volume di terreno influenzato dalla costruzione è tale che il substrato rigido non influenza il comportamento della fondazione, pertanto l'ultimo strato viene esteso fino alla profondità per la quale sono significativi gli incrementi di tensione indotti dai carichi

N°	H[m]	E _{ed} [kg/cmq]	g[t/mc]	Imp.	A	E ₀ [kg/cmq]	g _{Sat} [t/mc]
1	15.00	340.00	19.00	No	-----	-----	2.10

Profondità fondazione **D_f = 9.20 [m]**

Carico netto **q_{eff} = 0.00 [kg/cmq]**

Cedimento Immediato (fine) **W_{0f} = 0 [mm]**

Cedimento Immediato (grossa) **W_{0g} = 0 [mm]**

Cedimento di consolidazione (fine) **W_c = 0 [mm]**

Cedimento totale **W_t = 0 [mm]**

Platea 153-(12+13)-VI-3

Dati della fondazione rettangolare

Profondità della falda H_f = 6.00 [m]

Peso specifico acqua W₀ = 1.00 [t/mc]

B	21.10	[m]
L	26.14	[m]
eb	0.36	[m]
el	1.72	[m]
D	9.20	[m]
e	0.00	[°]
w	0.00	[°]
f	31.00	[°]
c	0.00	[kg/cmq]
G	87.40	[kg/cmq]
g ₁	1.90	[t/mc]
g	1.90	[t/mc]
g _{1Sat}	2.10	[t/mc]

g _{sat}	2.10	[t/mc]
H _f	6.00	[m]
W ₀	1.00	[t/mc]
F _v	8404434	[kg]
F _h	1813284	[kg]

Carico limite

N _q	N _c	N _g
20.631	32.671	25.990
a _q	a _c	a _g
1.000	1.000	1.000
b _q	b _c	b _g
1.000	1.000	1.000
x _q	x _c	x _g
0.690	0.674	0.541
y _q	y _c	y _g
0.832	0.818	0.832
z _q	z _c	z _g
1.539	1.567	0.641
z _q	z _c	z _g
1.000	1.000	0.977
N' _q	N' _c	N' _g
18.224	28.234	7.324

Coefficiente sismico Kh (effetto cinematico) = 0.031

Indice di rigidezza critico $I_{r,crit} = 83.578$

Indice di rigidezza $I_r = 55.677$

V = 8404434 [kg]

H = 1813284 [kg]

eb = 0.36 [m]

el = 1.72 [m]

Q_{lim} = 18.224 * 1.49 [kg/cm²] + 7.324 * 1.10 [t/mc] * 20.37 [m] / 2 = 35.40 [kg/cm²]

Q_d = 15.39 [kg/cm²]

h_{vd} = 2.300

H_{lim} = 5049894 [kg]

H_d = 4590812 [kg]

h_{nd} = 1.100

V = 8404434 [kg] <= V_d = 71181457 [kg]

VERIFICATO

H = 1813284 [kg] <= H_d = 4590812 [kg]

VERIFICATO

La fondazione è considerata infinitamente rigida rispetto al terreno. Il volume di terreno influenzato dalla costruzione è tale che il substrato rigido non influenza il comportamento della fondazione, pertanto l'ultimo strato viene esteso fino alla profondità per la quale sono significativi gli incrementi di tensione indotti dai carichi

N°	H[m]	E _{ed} [kg/cm ²]	g[t/mc]	Imp.	A	E ₀ [kg/cm ²]	g _{sat} [t/mc]
1	15.00	340.00	19.00	No	-----	-----	2.10

Profondità fondazione **D_f = 9.20 [m]**

Carico netto **q_{eff} = 0.00 [kg/cm²]**

Cedimento Immediato (fine) **W_{0f} = 0 [mm]**

Cedimento Immediato (grossa) **W_{0g} = 0 [mm]**

Cedimento di consolidazione (fine) **W_c = 0 [mm]**

Cedimento totale

Wt=0[mm]

Riepilogo risultati del calcolo

Elm.	Cmb	V [kg]	Vd [kg]	CsV (>2.30)	H [kg]	Hd [kg]	CsH (>1.10)	Qd [kg/cmq]	qe [kg/cmq]	w [mm]
153	2	15017209	94677008	14.50	451167	8202954	20.00	22.01	0.00	0
	3	14840560	92684325	14.36	599544	8106462	14.87	21.87	0.00	0
	4	15238172	93597447	14.13	593958	8323652	15.42	21.88	0.00	0
	5	14969474	94098373	14.46	513874	8176879	17.50	21.93	0.00	0
	6	14840604	91870323	14.24	690045	8106486	12.92	21.64	0.00	0
	7	14842410	92517845	14.34	689826	8107472	12.93	21.53	0.00	0
	8	14503380	91230943	14.47	675841	7922282	12.89	21.77	0.00	0
	9	10871790	89408321	18.91	614584	5938573	10.63	21.31	0.00	0
	(10+11)-I-1	8424749	78333531	21.39	1215974	4601909	4.16	19.16	0.00	0
	(10+11)-I-2	8451906	76327698	20.77	850726	4616743	5.97	20.24	0.00	0
	(10+11)-I-3	8429016	84846511	23.15	1111866	4604240	4.56	17.76	0.00	0
	(10+11)-I-4	8456173	82182194	22.35	747913	4619074	6.79	18.69	0.00	0
	(10+11)-II-1	8394559	71868705	19.69	1583270	4585418	3.19	16.71	0.00	0
	(10+11)-II-2	8485083	76016621	20.61	285539	4634866	17.86	21.07	0.00	0
	(10+11)-II-3	8395839	75531605	20.69	1551369	4586117	3.25	16.45	0.00	0
	(10+11)-II-4	8486363	78010566	21.14	243967	4635565	20.90	20.67	0.00	0
	(10+11)-III-1	8438358	78687011	21.45	1193374	4609343	4.25	19.28	0.00	0
	(10+11)-III-2	8438297	76279293	20.79	855697	4609310	5.93	20.19	0.00	0
	(10+11)-III-3	8442625	86050314	23.44	1052054	4611673	4.82	18.04	0.00	0
	(10+11)-III-4	8442564	81182462	22.12	801771	4611640	6.33	18.43	0.00	0
	(10+11)-IV-1	8439922	74661727	20.35	1434923	4610197	3.53	17.44	0.00	0
	(10+11)-IV-2	8439720	78710685	21.45	136108	4610087	37.26	21.71	0.00	0
	(10+11)-IV-3	8441202	79069924	21.54	1372598	4610896	3.70	17.31	0.00	0
	(10+11)-IV-4	8441000	77761589	21.19	267377	4610786	18.97	20.50	0.00	0
	(10+11)-V-1	8397126	80254835	21.98	1115391	4586820	4.52	19.61	0.00	0
	(10+11)-V-2	8424284	77420138	21.14	790514	4601655	6.40	20.51	0.00	0
	(10+11)-V-3	8456638	82457149	22.43	1224829	4619328	4.15	17.28	0.00	0
	(10+11)-V-4	8483796	80559532	21.84	829253	4634163	6.15	18.34	0.00	0
	(10+11)-VI-1	8386272	72515623	19.89	1544609	4580891	3.26	16.86	0.00	0
	(10+11)-VI-2	8476797	75613208	20.52	310287	4630339	16.42	20.95	0.00	0
	(10+11)-VI-3	8404126	74832887	20.48	1590699	4590644	3.17	16.30	0.00	0
	(10+11)-VI-4	8494650	78451675	21.24	217776	4640092	23.44	20.79	0.00	0
	(10+11)-VII-1	8410735	80528492	22.02	1097035	4594254	4.61	19.71	0.00	0
	(10+11)-VII-2	8410675	77522078	21.20	787121	4594221	6.42	20.50	0.00	0
	(10+11)-VII-3	8470247	83647640	22.71	1164877	4626762	4.37	17.56	0.00	0
	(10+11)-VII-4	8470187	79515114	21.59	885980	4626729	5.74	18.07	0.00	0
	(10+11)-VIII-1	8431635	75301953	20.54	1397109	4605671	3.63	17.60	0.00	0
	(10+11)-VIII-2	8431433	78668162	21.46	139401	4605560	36.34	21.69	0.00	0
	(10+11)-VIII-3	8449489	78356300	21.33	1412008	4615423	3.60	17.15	0.00	0
	(10+11)-VIII-4	8449287	77692266	21.15	270620	4615312	18.76	20.49	0.00	0
	(12+13)-I-1	8425058	74671809	20.39	1396829	4602078	3.62	18.30	0.00	0
	(12+13)-I-2	8452215	73562776	20.02	982991	4616912	5.17	19.54	0.00	0
	(12+13)-I-3	8429325	80335571	21.92	1306758	4604408	3.88	16.86	0.00	0
	(12+13)-I-4	8456482	78842528	21.44	894843	4619243	5.68	17.98	0.00	0
	(12+13)-II-1	8394867	68487942	18.76	1802000	4585587	2.80	15.81	0.00	0
	(12+13)-II-2	8485392	76346739	20.69	235221	4635035	21.68	21.22	0.00	0
	(12+13)-II-3	8396148	71863782	19.69	1773938	4586286	2.84	15.54	0.00	0
	(12+13)-II-4	8486672	78565128	21.29	181564	4635734	28.09	20.88	0.00	0
	(12+13)-III-1	8438667	75127748	20.48	1368594	4609511	3.70	18.44	0.00	0
	(12+13)-III-2	8438606	73316288	19.98	999192	4609478	5.07	19.45	0.00	0
	(12+13)-III-3	8442934	81517755	22.21	1246819	4611842	4.07	17.13	0.00	0
	(12+13)-III-4	8442873	77780509	21.19	952804	4611809	5.32	17.71	0.00	0
	(12+13)-IV-1	8440231	71333234	19.44	1649455	4610366	3.07	16.54	0.00	0
	(12+13)-IV-2	8440029	75969301	20.70	266616	4610255	19.02	21.01	0.00	0
	(12+13)-IV-3	8441511	75357286	20.53	1595423	4611065	3.18	16.38	0.00	0
	(12+13)-IV-4	8441309	75779448	20.65	351709	4610955	14.42	20.04	0.00	0
	(12+13)-V-1	8397435	76690657	21.01	1287670	4586989	3.92	18.77	0.00	0
	(12+13)-V-2	8424592	75029870	20.48	899394	4601823	5.63	19.92	0.00	0

Elm.	Cmb	V [kg]	Vd [kg]	CsV (>2.30)	H [kg]	Hd [kg]	CsH (>1.10)	Qd [kg/cmq]	qe [kg/cmq]	w [mm]
	(12+13)-V-3	8456947	77931192	21.19	1424822	4619497	3.57	16.37	0.00	0
	(12+13)-V-4	8484105	76939590	20.86	993767	4634331	5.13	17.56	0.00	0
	(12+13)-VI-1	8386581	69123805	18.96	1763155	4581060	2.86	15.96	0.00	0
	(12+13)-VI-2	8477105	76459860	20.75	229154	4630508	22.23	21.25	0.00	0
	(12+13)-VI-3	8404434	71181457	19.48	1813284	4590812	2.78	15.39	0.00	0
	(12+13)-VI-4	8494959	78300375	21.20	196047	4640260	26.04	20.81	0.00	0
	(12+13)-VII-1	8411044	77092863	21.08	1262479	4594423	4.00	18.91	0.00	0
	(12+13)-VII-2	8410983	74889694	20.48	909496	4594390	5.56	19.85	0.00	0
	(12+13)-VII-3	8470556	79094282	21.48	1364999	4626931	3.73	16.65	0.00	0
	(12+13)-VII-4	8470496	75869416	20.60	1052854	4626898	4.83	17.29	0.00	0
	(12+13)-VIII-1	8431944	71967612	19.63	1611226	4605839	3.14	16.69	0.00	0
	(12+13)-VIII-2	8431742	76542885	20.88	233300	4605729	21.72	21.17	0.00	0
	(12+13)-VIII-3	8449798	74660140	20.32	1634833	4615592	3.11	16.22	0.00	0
	(12+13)-VIII-4	8449596	75315756	20.50	378161	4615481	13.43	19.92	0.00	0
	Minimi coeff. sic.									
153	4			14.13						
153	(12+13)-VI-3						2.78			

Wmax=0,Wmin=0

Verifica a scorrimento globale delle fondazione

Comb. = Combinazione di verifica

N[kg] = Sforzo normale

Hd[kg] = Azione orizzontale depurata dalle azioni assorbite da pali e plinti su pali

R[kg] = Resistenza allo scorrimento $R=Area \cdot c + N \cdot \tan(\phi)$

CS = R/Hd

CSd = Coefficiente di sicurezza di progetto

Area delle strutture di fondazione a contatto con il terreno **A=447.2303 m²**

Comb.	N kg	Hd kg	R kg	CS.	CSd	ver
2	15017209	451167	9023249	20.00	1.10	Si
3	14840560	599544	8917108	14.87	1.10	Si
4	15238172	593958	9156018	15.42	1.10	Si
5	14969474	513874	8994567	17.50	1.10	Si
6	14840604	690045	8917135	12.92	1.10	Si
7	14842410	689826	8918220	12.93	1.10	Si
8	14503380	675841	8714510	12.89	1.10	Si
9	10871790	614584	6532431	10.63	1.10	Si
(10+11)-I-1	8424749	1215974	5062100	4.16	1.10	Si
(10+11)-I-2	8451906	850726	5078418	5.97	1.10	Si
(10+11)-I-3	8429016	1111866	5064664	4.56	1.10	Si
(10+11)-I-4	8456173	747913	5080981	6.79	1.10	Si
(10+11)-II-1	8394559	1583270	5043960	3.19	1.10	Si
(10+11)-II-2	8485083	285539	5098352	17.86	1.10	Si
(10+11)-II-3	8395839	1551369	5044729	3.25	1.10	Si
(10+11)-II-4	8486363	243967	5099122	20.90	1.10	Si
(10+11)-III-1	8438358	1193374	5070277	4.25	1.10	Si
(10+11)-III-2	8438297	855697	5070241	5.93	1.10	Si
(10+11)-III-3	8442625	1052054	5072841	4.82	1.10	Si
(10+11)-III-4	8442564	801771	5072804	6.33	1.10	Si
(10+11)-IV-1	8439922	1434923	5071217	3.53	1.10	Si
(10+11)-IV-2	8439720	136108	5071095	37.26	1.10	Si
(10+11)-IV-3	8441202	1372598	5071986	3.70	1.10	Si
(10+11)-IV-4	8441000	267377	5071865	18.97	1.10	Si
(10+11)-V-1	8397126	1115391	5045502	4.52	1.10	Si
(10+11)-V-2	8424284	790514	5061820	6.40	1.10	Si
(10+11)-V-3	8456638	1224829	5081261	4.15	1.10	Si
(10+11)-V-4	8483796	829253	5097579	6.15	1.10	Si
(10+11)-VI-1	8386272	1544609	5038980	3.26	1.10	Si

Comb.	N	Hd	R	CS.	CSd	ver
(10+11)-VI-2	8476797	310287	5093373	16.42	1.10	Si
(10+11)-VI-3	8404126	1590699	5049708	3.17	1.10	Si
(10+11)-VI-4	8494650	217776	5104101	23.44	1.10	Si
(10+11)-VII-1	8410735	1097035	5053680	4.61	1.10	Si
(10+11)-VII-2	8410675	787121	5053643	6.42	1.10	Si
(10+11)-VII-3	8470247	1164877	5089438	4.37	1.10	Si
(10+11)-VII-4	8470187	885980	5089402	5.74	1.10	Si
(10+11)-VIII-1	8431635	1397109	5066238	3.63	1.10	Si
(10+11)-VIII-2	8431433	139401	5066116	36.34	1.10	Si
(10+11)-VIII-3	8449489	1412008	5076965	3.60	1.10	Si
(10+11)-VIII-4	8449287	270620	5076844	18.76	1.10	Si
(12+13)-I-1	8425058	1396829	5062285	3.62	1.10	Si
(12+13)-I-2	8452215	982991	5078603	5.17	1.10	Si
(12+13)-I-3	8429325	1306758	5064849	3.88	1.10	Si
(12+13)-I-4	8456482	894843	5081167	5.68	1.10	Si
(12+13)-II-1	8394867	1802000	5044145	2.80	1.10	Si
(12+13)-II-2	8485392	235221	5098538	21.68	1.10	Si
(12+13)-II-3	8396148	1773938	5044914	2.84	1.10	Si
(12+13)-II-4	8486672	181564	5099307	28.09	1.10	Si
(12+13)-III-1	8438667	1368594	5070463	3.70	1.10	Si
(12+13)-III-2	8438606	999192	5070426	5.07	1.10	Si
(12+13)-III-3	8442934	1246819	5073026	4.07	1.10	Si
(12+13)-III-4	8442873	952804	5072990	5.32	1.10	Si
(12+13)-IV-1	8440231	1649455	5071402	3.07	1.10	Si
(12+13)-IV-2	8440029	266616	5071281	19.02	1.10	Si
(12+13)-IV-3	8441511	1595423	5072171	3.18	1.10	Si
(12+13)-IV-4	8441309	351709	5072050	14.42	1.10	Si
(12+13)-V-1	8397435	1287670	5045688	3.92	1.10	Si
(12+13)-V-2	8424592	899394	5062006	5.63	1.10	Si
(12+13)-V-3	8456947	1424822	5081447	3.57	1.10	Si
(12+13)-V-4	8484105	993767	5097764	5.13	1.10	Si
(12+13)-VI-1	8386581	1763155	5039166	2.86	1.10	Si
(12+13)-VI-2	8477105	229154	5093559	22.23	1.10	Si
(12+13)-VI-3	8404434	1813284	5049894	2.78	1.10	Si
(12+13)-VI-4	8494959	196047	5104286	26.04	1.10	Si
(12+13)-VII-1	8411044	1262479	5053865	4.00	1.10	Si
(12+13)-VII-2	8410983	909496	5053829	5.56	1.10	Si
(12+13)-VII-3	8470556	1364999	5089624	3.73	1.10	Si
(12+13)-VII-4	8470496	1052854	5089587	4.83	1.10	Si
(12+13)-VIII-1	8431944	1611226	5066423	3.14	1.10	Si
(12+13)-VIII-2	8431742	233300	5066302	21.72	1.10	Si
(12+13)-VIII-3	8449798	1634833	5077151	3.11	1.10	Si
(12+13)-VIII-4	8449596	378161	5077029	13.43	1.10	Si