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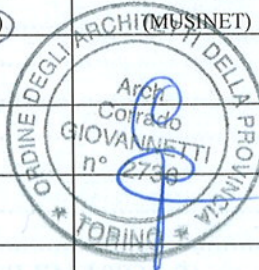
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# RILOCALIZZAZIONE DELL' AUTOPORTO DI SUSAS

## PROLUNGAMENTO SOTTOPASSO PK 24+497 - RELAZIONE DI CALCOLO

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## 1. Premessa

Il presente elaborato è parte integrante del Progetto Definitivo del “Collegamento Lione – Torino – Rilocalizzazione dell’Autoporto di Susa”. L’intervento consiste nella rilocalizzazione dell’area dell’Autoporto e dell’area di servizio dall’attuale posizione, ubicata nel comune di Susa (TO), alla nuova, situata all’interno del territorio comunale di San Didero (TO).

In particolare, nella presente relazione di calcolo sono illustrate le scelte progettuali e le verifiche di sicurezza relative allo stato di fatto ed allo stato di progetto del sottopasso situato alla progressiva K 24+497 dell’Autostrada A32 Torino – Bardonecchia.

Il documento è stato redatto in osservanza delle Norme Tecniche per le Costruzioni di cui al DM 14/01/2008, utilizzando la metodologia di verifica agli Stati Limite.

## 2. Normativa di riferimento

Il presente documento è stato redatto in osservanza delle seguenti normative:

- **Legge 5 Novembre 1971 n. 1086** – “*Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica*” ;
- **Circolare LL.PP. 14 Febbraio 1974 n. 11951** – “*Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica – Istruzioni per l'applicazione*” ;
- **D.M. LL.PP. 14 Gennaio 2008** - “*Norme tecniche per le costruzioni*”;
- **Circolare LL.PP. 2 Febbraio 2009 n. 617-** *Istruzioni per l'applicazione delle “Norme tecniche per le costruzioni” di cui al D.M. 14 gennaio 2008.*
- **Eurocodice 7, EN 1997-1:2004** – “*Geotechnical design - Part 1: General rules*”.

### 3. Descrizione delle opere

#### 3.1 Stato di fatto

Il sottopasso è costituito da due impalcati separati (uno per la carreggiata di discesa ed uno per quella di salita); essi presentano larghezza pari a 12.50 e luce di 22.00 m con schema statico di trave in semplice appoggio. Entrambi gli impalcati delle due carreggiate scaricano per ciascun lato su un'unica spalla mediante cuscinetti in neoprene con inclinazione di  $21.6^\circ$  rispetto alle due spalle. Il sistema di fondazione è costituito da colonne in pali jet grouting di 60 cm di diametro, di cui le file perimetrali risultano armate con tubi di acciaio.

Gli impalcati sono realizzati con travi prefabbricate a cassoncino con ala larga inferiore in c.a.p. affiancate poste ad interasse 2.00 m, con altezza di 1.05 m e spessore delle anime di 14.5 cm.

Le travi sono collegate da una soletta di 22 cm di spessore, gettata su coppelle autoportanti, e dai trasversi di testata.

Le spalle sono in calcestruzzo armato, con spessore del paramento di 1.40 m. La larghezza del plinto, alto 1.80 m, è di 6.50 m in retto nel senso longitudinale dell'impalcato e poggia su 5 file di colonne jet grouting disposte ad interasse di 1.30 m nel senso trasversale e di 1.70 m nella direzione normale all'asse dell'impalcato.

#### 3.2 Stato di progetto

Gli interventi sul sottopasso situato alla progressiva K 24+497 rientrano nell'ambito del Progetto di Delocalizzazione dell'Autoporto di Susa ed in particolare riguardano gli interventi di adeguamento dell'attuale tracciato autostradale della A32 con la realizzazione di rampe di ingresso e di uscita per il nuovo Autoporto.

Per il sottopasso in oggetto è previsto un allargamento di 2.30 m in corrispondenza della spalla lato Torino e 2.80 m in corrispondenza di quella lato Bardonecchia dell'impalcato a servizio del senso di marcia in direzione Bardonecchia, necessario per la realizzazione della nuova rampe di uscita dalla A32.

Nel caso del sottopasso in oggetto, l'allargamento dell'impalcato comporta la necessità di allargare anche le spalle e le fondazioni; poiché ciò porta ad ottenere un organismo strutturale diverso dal precedente, si è reso necessario prevedere anche degli interventi di adeguamento sismico in quanto le colonne di jet grouting esistenti non sono risultate idonee a resistere alle azioni taglianti indotte dal sisma di progetto e gli appoggi in neoprene non sono in grado di trasmettere l'azione sismica alle sottostrutture. Pertanto sono stati previsti anche degli interventi atti ad eliminare tali criticità, consistenti nella disposizione di 10 tiranti passivi lungo lo sviluppo orizzontale del paramento e di ritegni sismici metallici.

Si rimanda agli elaborati grafici strutturali di progetto per un riscontro più accurato.

## 4. Rilievo delle strutture esistenti

### 4.1 Premessa

La definizione della geometria della struttura, delle caratteristiche meccaniche dei materiali e l'individuazione di dimensioni e dettagli costruttivi degli elementi strutturali è avvenuta nel rispetto di quanto prescritto al paragrafo C8A.8.4 – *Circolare n.617*.

Pertanto si ritiene che il livello di conoscenza conseguito è quello massimo, LC3, cui corrisponde un fattore di confidenza FC=1.

Si indicano di seguito le modalità di svolgimento del rilievo delle strutture esistenti.

### 4.2 Rilievo geometrico e dei dettagli costruttivi

La geometria ed i dettagli costruttivi dell'opera nel suo stato attuale è stata desunta dai disegni costruttivi originali e mediante un rilievo visivo *in situ*. In particolare, è stato necessario individuare:

- dimensioni di tutti gli elementi strutturali;
- quantità, diametro e disposizione delle armature.

### 4.3 Caratteristiche meccaniche dei materiali

Le caratteristiche meccaniche dei materiali, conglomerati ed acciaio, sono state definite a partire dalle indicazioni iniziali di progetto. A sostegno della bontà di tali indicazioni si riporta quanto asserito a pagina 9 della “Relazione e Certificato di Collaudo Statico” del sottopasso esistente, depositata presso il Servizio Opere Pubbliche e Difesa del Suolo della Regione Piemonte in data 29.05.1990 con Pratica n. 2222: “.....*I sottoscritti Collaudatori hanno preso visione dei certificati di prova sui materiali impiegati nella costruzione dell'opera in oggetto.....relativi ai calcestruzzi, agli acciai ordinari, e a quelli pretesi; sono stati pure visionati i documenti ufficiali di qualifica all'origine relativi ai materiali impiegati nella costruzione dell'opera. Da tutti questi documenti si rileva come le modalità di prelievo e i risultati sperimentali ottenuti in ordine alle caratteristiche dei calcestruzzi, dell'acciaio ordinario e dei trefoli di acciaio preteso siano conformi con le norme vigenti; i valori caratteristici determinati sono risultati inoltre uguali o superiori ai valori minimi richiesti in sede di progetto. ....*”.

## 5. Interventi di adeguamento sismico

Il sottopasso oggetto della presente relazione tecnica è interessato da interventi di allargamento delle strutture costituenti le spalle e l'impalcato della correggiata che si percorre con senso di marcia verso Bardonecchia (salita). Per tali tipologie di interventi è risultato necessario adeguare sismicamente le strutture costituenti il sottopasso al fine di adempiere alle prescrizioni del paragrafo 8.4.1.b - NTC che obbliga alla valutazione della sicurezza e, qualora necessario (come nel caso in oggetto), all'adeguamento sismico quando il progetto preveda di “*ampliare la costruzione mediante opere strutturalmente connesse alla costruzione*”.

Pertanto la valutazione della sicurezza è stata finalizzata a verificare che la struttura, a seguito dell'intervento, sia in grado di resistere alle combinazioni delle azioni di progetto contenute nelle NTC, con il grado di sicurezza richiesto dalle stesse.

## 6. Caratterizzazione geotecnica dei terreni

### 6.1 Inquadramento geologico e parametri geotecnici

L'area di progetto è situata nella bassa Valle di Susa e ricade nel comune di San Didero (TO). L'intervento di Delocalizzazione dell'Autoporto nell'area di San Didero prevede, oltre alla realizzazione di due edifici destinati a posto di controllo ed area di servizio e la realizzazione di aree di sosta per mezzi pesanti, una serie di interventi di adeguamento del tracciato autostradale con la realizzazione in viadotto delle rampe di ingresso e di uscita dall'autostrada A32 Torino-Bardonecchia.

Per una completa descrizione dell'area si rimanda alla Relazione geologico-geotecnica (Elaborato PD2-C3A-MUS-1200-0-PA-NOT). In sintesi, l'area è impostata sui depositi quaternari della Dora Riparia che scorre nelle immediate vicinanze. Dalle analisi delle stratigrafie dei sondaggi realizzati si evince che si tratta di sedimenti prevalentemente medio-grossolani costituiti da ghiaie e ghiaie ciottolose in matrice sabbiosa o sabbioso-limosa, passanti localmente a sabbie limose con ghiaia e locali ciottoli. Il basamento roccioso, che non viene raggiunto dalle opere in progetto, è costituito dai litotipi appartenenti all'Unità tettometamorfica del Dora-Maira.

In base alle unità litostratigrafiche individuate ed in base ai risultati delle prove in foro e di laboratorio realizzate, è stato possibile riconoscere nell'area di studio quattro unità geotecniche fondamentali:

- *unità geotecnica UG1*: comprende l'orizzonte di potenza variabile di terreno di riporto di tipo prevalentemente ghiaioso-ciottoloso con subordinata sabbia limosa;
- *unità geotecnica UG2*: corrispondente ai depositi prevalentemente costituiti da sabbia e sabbia limosa con ghiaia e rari ciottoli presenti localmente nei primi metri al di sotto dei terreni dell' UG1;
- *unità geotecnica UG3*: è l'unità dominante e comprende i depositi più grossolani rappresentati da ghiaie con ciottoli in matrice sabbiosa o sabbioso-limosa caratterizzati da un grado di addensamento da medio ad alto;
- *unità geotecnica UG4*: è costituita da depositi più fini limoso-sabbiosi con subordinata ghiaia. Tali terreni formano livelli discontinui di potenza ridotta (mediamente metrica) intercalati all'interno dei litotipi dell'unità sopradescritta a partire da circa 15m di profondità.

Nei calcoli geotecnici riportati nella presente relazione sono utilizzati i valori riportati nella seguente tabella, desunta dalle indagini geognostiche eseguite.



| Unità geotecnica | Descrizione                                     | $z_{sup}$ [m] | $z_{inf}$ [m] | H [m] | $\gamma_n$ [kN/m <sup>3</sup> ] | c [kPa] | $\varphi$ [°] | $E_{Young}$ [MPa] |
|------------------|-------------------------------------------------|---------------|---------------|-------|---------------------------------|---------|---------------|-------------------|
| UG1              | Terreno vegetale e di riporto ghiaioso-sabbioso | 0             | 3             | 3     | 19                              | 0       | 28            | 23                |
| UG3              | Ghiaia con ciottoli in matrice sabbiosa-limosa  | 3             | 15            | 12    | 21                              | 0       | 37            | 75                |
| UG4              | Limi sabbiosi con subordinata ghiaia            | 15            | 16            | 1     | 20                              | 5       | 28            | 45                |
| UG3              | Ghiaia con ciottoli in matrice sabbiosa-limosa  | 16            | 24            | 8     | 21                              | 0       | 37            | 75                |
| UG4              | Limi sabbiosi con subordinata ghiaia            | 24            | 25            | 1     | 20                              | 5       | 28            | 45                |
| UG3              | Ghiaia con ciottoli in matrice sabbiosa-limosa  | >25           | -             | -     | 21                              | 0       | 37            | 75                |

**Tabella 1** – Stratigrafia e parametri geotecnici

Per il terreno di riporto, costituente il rilevato a tergo delle spalle, si è considerato:

peso per unità di volume  $\gamma = 20 \text{ kN/m}^3$   
 angolo di attrito di calcolo  $\phi' = 35^\circ$   
 coesione  $c' = 0 \text{ kPa}$

La falda è considerata a 3 m dall'attuale piano campagna.

## 6.2 Caratterizzazione sismica dei terreni

Con riferimento al sottosuolo nell'area di progetto, la caratterizzazione ai fini della valutazione della risposta sismica locale è stata effettuata in fase di progettazione mediante indagini geofisiche in grado di stimare la distribuzione delle onde di taglio nei primi 30 m. In particolare, come ampiamente descritto nella Relazione geologico-geotecnica, sono state effettuate indagini di tipo Tomografiche elettriche, Down-hole e MASW che hanno permesso di classificare il sottosuolo come di categoria B, ossia "Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di  $V_{s,30}$  compresi tra 360 m/s e 800 m/s (ovvero  $N_{SPT,30} > 50$  nei terreni a grana grossa e  $c_{u,30} > 250 \text{ kPa}$  nei terreni a grana fina)"

Con riferimento all'amplificazione dell'azione sismica per effetto della categoria topografica espressa dal coefficiente  $S_T$ , si adotta il seguente coefficiente:

| Categoria | Caratteristica della sup. topografica                                                    | $S_T$ |
|-----------|------------------------------------------------------------------------------------------|-------|
| T1        | Superficie pianeggiante, pendii e rilievi isolati con inclinazione media $\leq 15^\circ$ | 1.0   |

**Tabella 2** – Coefficiente di amplificazione topografica

Ne consegue che i valori dei coefficienti di amplificazione stratigrafica  $S_s$  e  $C_c$  sono pari a:

$$S_s = 1.198 \quad C_c = 1.430$$

## 7. Schematizzazione delle strutture

### 7.1 Premessa

Nel presente paragrafo vengono riportate, nell'ordine, le caratteristiche dei materiali adottati e di quelli esistenti, l'analisi dei carichi ed il calcolo delle forze sismiche.

### 7.2 Caratteristiche dei materiali delle strutture esistenti

Si riportano di seguito i valori medi delle resistenze dei materiali costituenti le strutture esistenti, desunti secondo le modalità indicate nei paragrafi precedenti.

Si evidenzia che, in accordo con le indicazioni della Tabella C8.4 – Circolare n.617, per il calcolo della capacità di elementi/meccanismi duttili si impiegano le proprietà dei materiali esistenti divise per i fattori di confidenza e per il calcolo di quella degli elementi fragili primari, le resistenze dei materiali si dividono per i corrispondenti coefficienti parziali e per i fattori di confidenza. Pertanto, nel caso in esame, avendo potuto ottenere un fattore di confidenza unitario, i valori medi di resistenza dei materiali delle strutture esistenti saranno ridotti, dove necessario, soltanto mediante i classici coefficienti parziali di sicurezza.

Solo per quanto riguarda il valore della resistenza del materiale costituente le colonne di jet grouting, che è stato desunto da prove eseguite sulle fondazioni di altri viadotti della A32 in cui sono presenti sovrastrutture fondate mediante tale tecnologia, si considera un Livello di conoscenza LC1, a cui corrisponde un fattore di confidenza  $FC = 1.35$ .

#### 7.2.1 Conglomerato di classe di resistenza $R_{cm} = 25\text{Mpa}$

(per le spalle ed i plinti)

|                                              |                              |                         |
|----------------------------------------------|------------------------------|-------------------------|
| Modulo elastico medio                        | $E_c = 27386$                | MPa                     |
| Coefficiente di Poisson                      | $\nu = 0.20$                 |                         |
| Coefficiente di dilatazione termica          | $\alpha = 10 \times 10^{-6}$ | $^{\circ}\text{C}^{-1}$ |
| Coefficiente parziale di sicurezza           | $\gamma_c = 1.5$             |                         |
| Resistenza media cubica a compressione       | $R_{cm} = 25$                | MPa                     |
| Resistenza media cilindrica a compressione   | $f_{cm} = 20.75$             | MPa                     |
| Resistenza media a trazione semplice         | $f_{ctm} = 2.27$             | MPa                     |
| Resistenza media a trazione per flessione    | $f_{cfm} = 2.72$             | MPa                     |
| Resistenza di calcolo a compressione (Dutt.) | $f_{cd} = 20.75$             | MPa                     |
| Resistenza di calcolo a compressione (Frag.) | $f_{cd} = 13.83$             | MPa                     |
| Resistenza di calcolo a trazione             | $f_{ctd} = 1.51$             | MPa                     |
| Resistenza tang. media di aderenza           | $f_{bm} = 5.10$              | MPa                     |
| Resistenza tang. di aderenza di calcolo      | $f_{bd} = 3.40$              | MPa                     |

### 7.2.2 Conglomerato di classe di resistenza $R_{cm} = 35\text{Mpa}$

(per soletta e trasversi dell'impalcato)

|                                              |                              |                         |
|----------------------------------------------|------------------------------|-------------------------|
| Modulo elastico medio                        | $E_c = 30295$                | MPa                     |
| Coefficiente di Poisson                      | $\nu = 0.20$                 |                         |
| Coefficiente di dilatazione termica          | $\alpha = 10 \times 10^{-6}$ | $^{\circ}\text{C}^{-1}$ |
| Coefficiente parziale di sicurezza           | $\gamma_c = 1.5$             |                         |
| Resistenza media cubica a compressione       | $R_{cm} = 35$                | MPa                     |
| Resistenza media cilindrica a compressione   | $f_{cm} = 29.05$             | MPa                     |
| Resistenza media a trazione semplice         | $f_{ctm} = 2.83$             | MPa                     |
| Resistenza media a trazione per flessione    | $f_{ctfm} = 3.40$            | MPa                     |
| Resistenza di calcolo a compressione (Dutt.) | $f_{cd} = 29.05$             | MPa                     |
| Resistenza di calcolo a compressione (Frag.) | $f_{cd} = 19.37$             | MPa                     |
| Resistenza di calcolo a trazione             | $f_{ctd} = 1.89$             | MPa                     |
| Resistenza tang. media di aderenza           | $f_{bm} = 6.38$              | MPa                     |
| Resistenza tang. di aderenza di calcolo      | $f_{bd} = 4.25$              | MPa                     |

### 7.2.3 Conglomerato di classe di resistenza $R_{cm} = 55\text{Mpa}$

(per travi prefabbricate dell'impalcato)

|                                              |                              |                         |
|----------------------------------------------|------------------------------|-------------------------|
| Modulo elastico medio                        | $E_c = 34694$                | MPa                     |
| Coefficiente di Poisson                      | $\nu = 0.20$                 |                         |
| Coefficiente di dilatazione termica          | $\alpha = 10 \times 10^{-6}$ | $^{\circ}\text{C}^{-1}$ |
| Coefficiente parziale di sicurezza           | $\gamma_c = 1.5$             |                         |
| Resistenza media cubica a compressione       | $R_{cm} = 55$                | MPa                     |
| Resistenza media cilindrica a compressione   | $f_{cm} = 45.65$             | MPa                     |
| Resistenza media a trazione semplice         | $f_{ctm} = 3.83$             | MPa                     |
| Resistenza media a trazione per flessione    | $f_{ctfm} = 4.60$            | MPa                     |
| Resistenza di calcolo a compressione (Dutt.) | $f_{cd} = 45.65$             | MPa                     |
| Resistenza di calcolo a compressione (Frag.) | $f_{cd} = 30.43$             | MPa                     |
| Resistenza di calcolo a trazione             | $f_{ctd} = 2.55$             | MPa                     |
| Resistenza tang. media di aderenza           | $f_{bm} = 8.62$              | MPa                     |
| Resistenza tang. di aderenza di calcolo      | $f_{bd} = 5.75$              | MPa                     |

### 7.2.4 Jet grouting $R_{cm} = 8\text{Mpa}$

(per colonne di jet grouting)

|                                            |                              |                         |
|--------------------------------------------|------------------------------|-------------------------|
| Coefficiente di Poisson                    | $\nu = 0.20$                 |                         |
| Coefficiente di dilatazione termica        | $\alpha = 10 \times 10^{-6}$ | $^{\circ}\text{C}^{-1}$ |
| Coefficiente parziale di sicurezza         | $\gamma_c = 1.5$             |                         |
| Fattore di confidenza                      | $FC = 1.35$                  |                         |
| Resistenza media cilindrica a compressione | $f_{cm} = 8.0$               | MPa                     |
| Resistenza di calcolo a compressione       | $f_{cd} = 3.95$              | MPa                     |

### 7.2.5 Acciaio da c.a. tipo $F_{eB44k}$

(per barre e reti di diametro  $6.0\text{mm} \leq \varnothing \leq 26.0\text{mm}$ )

|                                    |                   |     |
|------------------------------------|-------------------|-----|
| Coefficiente parziale di sicurezza | $\gamma_s = 1.15$ |     |
| Tensione media di snervamento      | $f_{ym} = 430$    | MPa |
| Tensione media di rottura          | $f_{tm} = 540$    | MPa |
| Resistenza di calcolo (Dutt.)      | $f_{yd} = 430$    | MPa |
| Resistenza di calcolo (Frag.)      | $f_{yd} = 374$    | MPa |

### 7.2.6 Acciaio da carpenteria metallica $F_e 510$

(per tubolari di armatura jet-grouting)

|                                    |                   |     |
|------------------------------------|-------------------|-----|
| Modulo elastico convenzionale      | $E_s = 210000$    | MPa |
| Modulo elasticità trasversale      | $G = 80769$       | MPa |
| Coefficiente di Poisson            | $\nu = 0.30$      |     |
| Coefficiente parziale di sicurezza | $\gamma_s = 1.05$ |     |
| Tensione di snervamento            | $f_{ym} = 355$    | MPa |
| Tensione di rottura                | $f_{tm} = 510$    | MPa |
| Resistenza di calcolo              | $f_{yd} = 338.1$  | MPa |

### 7.3 Caratteristiche dei materiali delle nuove strutture

#### 7.3.1 Conglomerato di classe di resistenza C35/45

(per le solette degli impalcati in sistema misto acciaio-calcestruzzo)

|                                               |                              |                         |
|-----------------------------------------------|------------------------------|-------------------------|
| Modulo elastico                               | $E_c = 34625$                | MPa                     |
| Coefficiente di Poisson                       | $\nu = 0.20$                 |                         |
| Coefficiente di dilatazione termica           | $\alpha = 10 \times 10^{-6}$ | $^{\circ}\text{C}^{-1}$ |
| Coefficiente parziale di sicurezza            | $\gamma_c = 1.5$             |                         |
| Resistenza caratt. cubica a compressione      | $R_{ck} = 45$                | MPa                     |
| Resistenza caratt. cilindrica a compressione  | $f_{ck} = 37.35$             | MPa                     |
| Resistenza media cilindrica a compressione    | $f_{cm} = 45.35$             | MPa                     |
| Resistenza media a trazione semplice          | $f_{ctm} = 3.35$             | MPa                     |
| Resistenza caratteristica a trazione semplice | $f_{ctk} = 2.34$             | MPa                     |
| Resistenza media a trazione per flessione     | $f_{ctfm} = 4.02$            | MPa                     |
| Resistenza di calcolo a compressione          | $f_{cd} = 21.16$             | MPa                     |
| Resistenza di calcolo a trazione              | $f_{ctd} = 1.56$             | MPa                     |
| Resistenza tang. caratteristica di aderenza   | $f_{bk} = 5.26$              | MPa                     |
| Resistenza tang. di aderenza di calcolo       | $f_{bd} = 3.51$              | MPa                     |

#### 7.3.2 Conglomerato di classe di resistenza C32/40

(per gli allargamenti delle spalle)

|                                               |                              |                         |
|-----------------------------------------------|------------------------------|-------------------------|
| Modulo elastico                               | $E_c = 33643$                | MPa                     |
| Coefficiente di Poisson                       | $\nu = 0.20$                 |                         |
| Coefficiente di dilatazione termica           | $\alpha = 10 \times 10^{-6}$ | $^{\circ}\text{C}^{-1}$ |
| Coefficiente parziale di sicurezza            | $\gamma_c = 1.5$             |                         |
| Resistenza caratt. cubica a compressione      | $R_{ck} = 40$                | MPa                     |
| Resistenza caratt. cilindrica a compressione  | $f_{ck} = 33.20$             | MPa                     |
| Resistenza media cilindrica a compressione    | $f_{cm} = 41.20$             | MPa                     |
| Resistenza media a trazione semplice          | $f_{ctm} = 3.10$             | MPa                     |
| Resistenza caratteristica a trazione semplice | $f_{ctk} = 2.17$             | MPa                     |
| Resistenza media a trazione per flessione     | $f_{ctfm} = 3.72$            | MPa                     |
| Resistenza di calcolo a compressione          | $f_{cd} = 18.81$             | MPa                     |
| Resistenza di calcolo a trazione              | $f_{ctd} = 1.45$             | MPa                     |
| Resistenza tang. caratteristica di aderenza   | $f_{bk} = 4.88$              | MPa                     |
| Resistenza tang. di aderenza di calcolo       | $f_{bd} = 3.25$              | MPa                     |

### 7.3.3 Conglomerato di classe di resistenza C28/35

(per le strutture di fondazione)

|                                               |                              |                  |
|-----------------------------------------------|------------------------------|------------------|
| Modulo elastico                               | $E_c = 32588$                | MPa              |
| Coefficiente di Poisson                       | $\nu = 0.20$                 |                  |
| Coefficiente di dilatazione termica           | $\alpha = 10 \times 10^{-6}$ | °C <sup>-1</sup> |
| Coefficiente parziale di sicurezza            | $\gamma_c = 1.5$             |                  |
| Resistenza caratt. cubica a compressione      | $R_{ck} = 35$                | MPa              |
| Resistenza caratt. cilindrica a compressione  | $f_{ck} = 29.05$             | MPa              |
| Resistenza media cilindrica a compressione    | $f_{cm} = 37.05$             | MPa              |
| Resistenza media a trazione semplice          | $f_{ctm} = 2.83$             | MPa              |
| Resistenza caratteristica a trazione semplice | $f_{ctk} = 1.98$             | MPa              |
| Resistenza media a trazione per flessione     | $f_{ctfm} = 3.40$            | MPa              |
| Resistenza di calcolo a compressione          | $f_{cd} = 16.46$             | MPa              |
| Resistenza di calcolo a trazione              | $f_{ctd} = 1.32$             | MPa              |
| Resistenza tang. caratteristica di aderenza   | $f_{bk} = 4.45$              | MPa              |
| Resistenza tang. di aderenza di calcolo       | $f_{bd} = 2.97$              | MPa              |

### 7.3.4 Acciaio da c.a. tipo B450C saldabile

(per barre e reti di diametro  $6.0\text{mm} \leq \varnothing \leq 40.0\text{mm}$ )

|                                        |                      |     |
|----------------------------------------|----------------------|-----|
| Coefficiente parziale di sicurezza     | $\gamma_s = 1.15$    |     |
| Tensione caratteristica di snervamento | $f_{yk} \geq 450$    | MPa |
| Tensione caratteristica di rottura     | $f_{tk} \geq 540$    | MPa |
| Allungamento                           | $A_{gtk} \geq 7.5\%$ |     |
| Resistenza di calcolo                  | $f_{yd} = 391$       | MPa |

### 7.3.5 Acciaio da carpenteria metallica S355 (Rif. UNI EN 10025-2)

(per piatti e profilati metallici costituenti i tiranti)

|                                 |                |     |
|---------------------------------|----------------|-----|
| Modulo elastico (convenzionale) | $E_s = 210000$ | MPa |
| Modulo elasticità trasversale   | $G = 80769$    | MPa |
| Coefficiente di Poisson         | $\nu = 0.30$   |     |
| Tensione di snervamento         | $f_{yk} = 355$ | MPa |
| Tensione di rottura             | $f_{tk} = 510$ | MPa |

### 7.3.6 Bulloni di classe 10.9 e dadi classe 10.0

|                                    |                 |     |
|------------------------------------|-----------------|-----|
| Tensione di rottura (UNI 3740)     | $f_{tb} = 1000$ | MPa |
| Tensione di snervamento (UNI 3740) | $f_{yb} = 900$  | MPa |

### ***7.3.7 Collegamenti in unioni saldate***

Le saldature di elementi in acciaio devono essere effettuate con uno dei procedimenti all'arco elettrico codificati secondo la norma UNI EN ISO 4063/2001. Tutti i procedimenti di saldatura, (manuali, semiautomatici, automatici o robotizzati) dovranno essere qualificati secondo la norma UNI EN ISO 15614-1/2005. Nell'esecuzione delle saldature dovranno inoltre essere rispettate le norme UNI EN 1011/2005 parti 1 e 2 per gli acciai ferritici e della parte 3 per gli acciai inossidabili. La preparazione dei lembi dovrà essere eseguita secondo la norma UNI EN ISO 9692-1/2005.

## 7.4 Azioni di progetto

I valori delle azioni di seguito assunti, sono stati considerati come valori caratteristici nelle verifiche agli stati limite. Si riportano di seguito le analisi dei carichi unitari applicati alle membrature costituenti la struttura.

Le azioni di progetto, in accordo con quanto prescritto dal D.M. 18.01.2008, vengono di seguito elencate:

### 7.4.1 Azioni gravitazionali

Peso proprio elementi strutturali in c.a. ed acciaio

|                                                   |                         |
|---------------------------------------------------|-------------------------|
| Calcestruzzo ordinario armato                     | 25.00 kN/m <sup>3</sup> |
| Calcestruzzo ordinario armato – soletta esistente | 25.00 kN/m <sup>3</sup> |
| Calcestruzzo ordinario armato – nuova soletta     | 26.00 kN/m <sup>3</sup> |
| Acciaio da carpenteria metallica                  | 78.50 kN/m <sup>3</sup> |

Nel dettaglio, i carichi per peso proprio delle spalle sono automaticamente determinati dal programma di analisi strutturale in funzione delle geometrie degli elementi e del peso specifico del cls ad essi associato.

### Impalcato esistente in c.a.p.

#### *Permanenti strutturali*

- Soletta collaborante in cls:  
 $0.22 \text{ m} * 12.50 \text{ m} * 25.0 \text{ kN/m}^3 = 68.75 \text{ kN/m}$
- Trave prefabbricata:  
 $6 * 0.643 \text{ m}^2 * 25.0 \text{ kN/m}^3 = 96.41 \text{ kN/m}$
- Coppelle:  
 $6 * 0.04 \text{ m} * 0.96 \text{ m} * 25.0 \text{ kN/m}^3 = 5.73 \text{ kN/m}$
- Trasversi:  
 $6 * (0.896 \text{ m}^2 * (0.4 + 0.3/2) \text{ m}) * 25.0 \text{ kN/m}^3 = 73.90 \text{ kN}$

#### *Permanenti portati*

- Pavimentazione:  
 $11.20 \text{ m} * 3.00 \text{ kN/m}^2 = 33.60 \text{ kN/m}$
- Guard-rail:  
 $1.00 \text{ kN/m} + 1.00 \text{ kN/m} = 2.00 \text{ kN/m}$
- Cordoli:  
 $(0.70 \text{ m} * 0.25 \text{ m} + 0.60 \text{ m} * 0.25 \text{ m}) * 25.0 \text{ kN/m}^2 = 8.13 \text{ kN/m}$



## Allargamento impalcato

### *Permanenti strutturali*

- Soletta collaborante in cls:  
 $0.22 \text{ m} * 2.30 \text{ m} * 26.0 \text{ kN/m}^3 = 13.16 \text{ kN/m}$  (Lato Torino)  
 $0.22 \text{ m} * 2.80 \text{ m} * 26.0 \text{ kN/m}^3 = 16.02 \text{ kN/m}$  (Lato Bardonecchia)
- Trave in acciaio:  
 $0.1028 \text{ m}^2 * 78.5 \text{ kN/m}^3 = 8.07 \text{ kN/m}$

### *Permanenti portati*

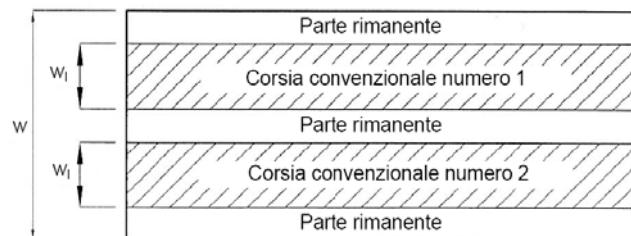
- Pavimentazione:  
 $1.5 \text{ m} * 3.00 \text{ kN/m}^2 = 4.50 \text{ kN/m}$  (Spalla Lato Torino)  
 $2.0 \text{ m} * 3.00 \text{ kN/m}^2 = 6.00 \text{ kN/m}$  (Spalla Lato Bardonecchia)
- Guard-rail:  
 $1.00 \text{ kN/m} = 1.00 \text{ kN/m}$
- Cordoli:  
 $0.80 \text{ m} * 0.15 \text{ m} * 25.0 \text{ kN/m}^2 = 3.00 \text{ kN/m}$

### **7.4.2 Sovraccarichi variabili da traffico sul terrapieno**

Il sovraccarico variabile tenuto in conto sulla sommità del terrapieno è pari a  $20.00 \text{ kN/m}^2$ .

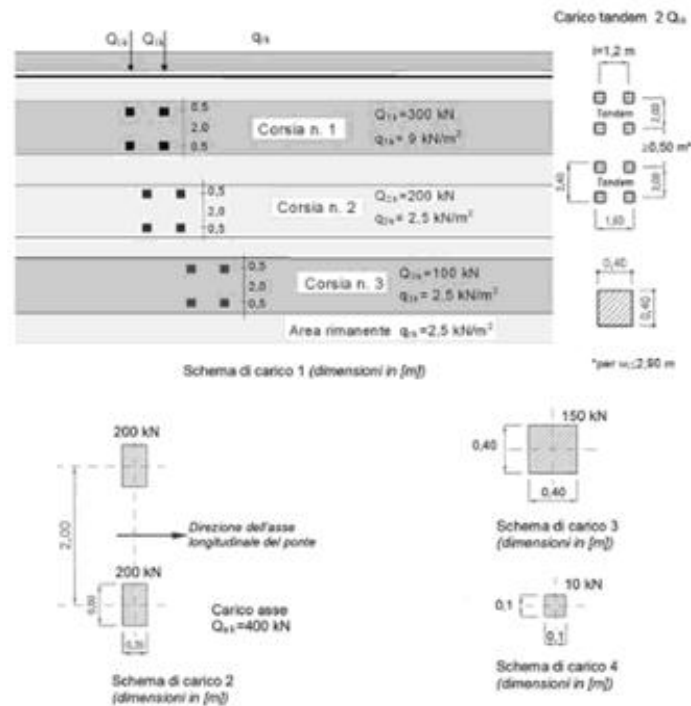
### **7.4.3 Azioni variabili da traffico**

Ai fini della determinazione degli effetti prodotti dalle azioni variabili da traffico, le norme vigenti stabiliscono che l'asse viario di 1<sup>a</sup> Categoria venga suddiviso in corsie convenzionali di larghezza pari a 3 m, ed un'area rimanente.



Schema corsie convenzionali

La posizione e la numerazione delle corsie è stata determinata in modo da indurre le più sfavorevoli condizioni di progetto. I carichi da considerare per ponti di 1<sup>a</sup> Categoria sono quelli indicati dalla normativa vigente e schematizzati nel modo seguente:



Schemi di azioni variabili da traffico

Sono stati applicati i carichi definiti dagli Schemi di carico 1-5 così come indicato al paragrafo 5.1.3.3.3 - NTC:

## 7.5 Azioni sismiche

### 7.5.1 Vita nominale e periodo di riferimento

Per la struttura in oggetto, si assume la vita nominale utile pari a  $V_N = 50$  anni, trattandosi di un'opera esistente ordinaria di importanza normale.

Ai fini della valutazione delle azioni sismiche, e con riferimento alle conseguenze di un'improvvisa interruzione di operatività o di un eventuale collasso, è stato assunto che la struttura in esame appartenga alla Classe IV. In base alla classe d'uso, è stato definito un coefficiente d'uso  $C_U = 2.0$ , mediante il quale si perviene alla definizione del periodo di riferimento per l'azione sismica  $V_R = V_N \times C_U = 100$  anni.

Le probabilità di superamento  $P_{VR}$  nel periodo di riferimento  $V_R$ , sono stabilite dalla norma in funzione dei differenti stati limite; per lo SLV si ha  $P_{VR} = 10\%$ .

In funzione dei valori del periodo di riferimento  $V_R$  e della probabilità di superamento  $P_{VR}$ , si definisce il periodo di ritorno  $T_R$  mediante la relazione:

$$T_R = -\frac{V_R}{\ln(1 - P_{VR})} = 949 \text{anni (SLV)}$$

La struttura in oggetto ricade nel comune di San Didero (TO), cui sono assegnati, nella mappatura di microzonazione sismica, i seguenti valori dei parametri di pericolosità sismica relativi allo *SLV*:

### 7.5.2 Spettri di progetto

Lo spettro di risposta elastico della componente orizzontale è definito dalle espressioni seguenti:

$$\begin{aligned}
 0 \leq T \leq T_B & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0 \left[ \frac{T}{T_B} + \frac{1}{\eta \cdot F_0} \left( 1 - \frac{T}{T_B} \right) \right] \\
 T_B \leq T \leq T_C & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0 \\
 T_C \leq T \leq T_D & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0 \frac{T_C}{T} \\
 T_D \leq T & \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_0 \left( \frac{T_C \cdot T_D}{T^2} \right)
 \end{aligned}$$

Lo spettro di progetto  $S_d(T)$  da utilizzare per le componenti orizzontali è lo spettro elastico corrispondente riferito alla probabilità di superamento nel periodo di riferimento  $P_{VR}$  considerata, con le ordinate ridotte sostituendo nelle formule precedenti  $\eta$  con  $1/q$ , dove  $q$  è il fattore di struttura.

Il valore di  $q$  da utilizzare per ciascuna direzione orizzontale dell'azione sismica, dipende dalla tipologia strutturale, dal suo grado di iperstaticità e dai criteri di progettazione adottati e prende in conto le non linearità di materiale.

Per la struttura in esame è stato assunto  $q=1.5$  coerentemente con quanto prescritto al paragrafo 7.9.5.6.2 – *NTC* per quanto riguarda l'analisi in direzione longitudinale delle spalle da ponte fisse.

Si riportano di seguito lo spettro elastico e di progetto allo *SLV* calcolati per  $V_R=100$  anni.

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

**Parametri indipendenti**

| STATO LIMITE | SLV     |
|--------------|---------|
| $a_g$        | 0.164 g |
| $F_o$        | 2.484   |
| $T_c^*$      | 0.269 s |
| $S_s$        | 1.200   |
| $C_G$        | 1.430   |
| $S_T$        | 1.000   |
| $q$          | 1.000   |

**Parametri dipendenti**

|        |         |
|--------|---------|
| $S$    | 1.200   |
| $\eta$ | 1.000   |
| $T_B$  | 0.128 s |
| $T_C$  | 0.385 s |
| $T_D$  | 2.258 s |

**Espressioni dei parametri dipendenti**

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

$$\eta = \sqrt{10/(5 + \xi)} \geq 0,55; \eta = 1/q \quad (\text{NTC-08 Eq. 3.2.6; §. 3.2.3.5})$$

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

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

$$T_D = 4,0 \cdot a_g / g + 1,6 \quad (\text{NTC-07 Eq. 3.2.9})$$

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

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

$$T_B \leq T < T_C \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$$

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

$$T_D \leq T \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left( \frac{T_C T_D}{T^2} \right)$$

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

**Punti dello spettro di risposta**

|       | T [s] | Se [g] |
|-------|-------|--------|
|       | 0.000 | 0.197  |
|       | 0.128 | 0.490  |
| $T_B$ | 0.385 | 0.490  |
| $T_C$ | 0.474 | 0.398  |
|       | 0.563 | 0.335  |
|       | 0.653 | 0.289  |
|       | 0.742 | 0.255  |
|       | 0.831 | 0.227  |
|       | 0.920 | 0.205  |
|       | 1.009 | 0.187  |
|       | 1.098 | 0.172  |
|       | 1.188 | 0.159  |
|       | 1.277 | 0.148  |
|       | 1.366 | 0.138  |
|       | 1.455 | 0.130  |
|       | 1.544 | 0.122  |
|       | 1.633 | 0.116  |
|       | 1.723 | 0.110  |
|       | 1.812 | 0.104  |
|       | 1.901 | 0.099  |
|       | 1.990 | 0.095  |
|       | 2.079 | 0.091  |
|       | 2.169 | 0.087  |
| $T_D$ | 2.258 | 0.084  |
|       | 2.341 | 0.078  |
|       | 2.424 | 0.073  |
|       | 2.507 | 0.068  |
|       | 2.590 | 0.064  |
|       | 2.673 | 0.060  |
|       | 2.755 | 0.056  |
|       | 2.838 | 0.053  |
|       | 2.921 | 0.050  |
|       | 3.004 | 0.047  |
|       | 3.087 | 0.045  |
|       | 3.170 | 0.042  |
|       | 3.253 | 0.040  |
|       | 3.336 | 0.038  |
|       | 3.419 | 0.036  |
|       | 3.502 | 0.035  |
|       | 3.585 | 0.033  |
|       | 3.668 | 0.033  |
|       | 3.751 | 0.033  |
|       | 3.834 | 0.033  |
|       | 3.917 | 0.033  |
|       | 4.000 | 0.033  |

**Figura 1 – Parametri e punti spettri di risposta orizzontale elastico allo SLV ( $V_R=100$  anni)**

### Spettri di risposta (componenti orizz. e vert.) per lo stato limi SLV

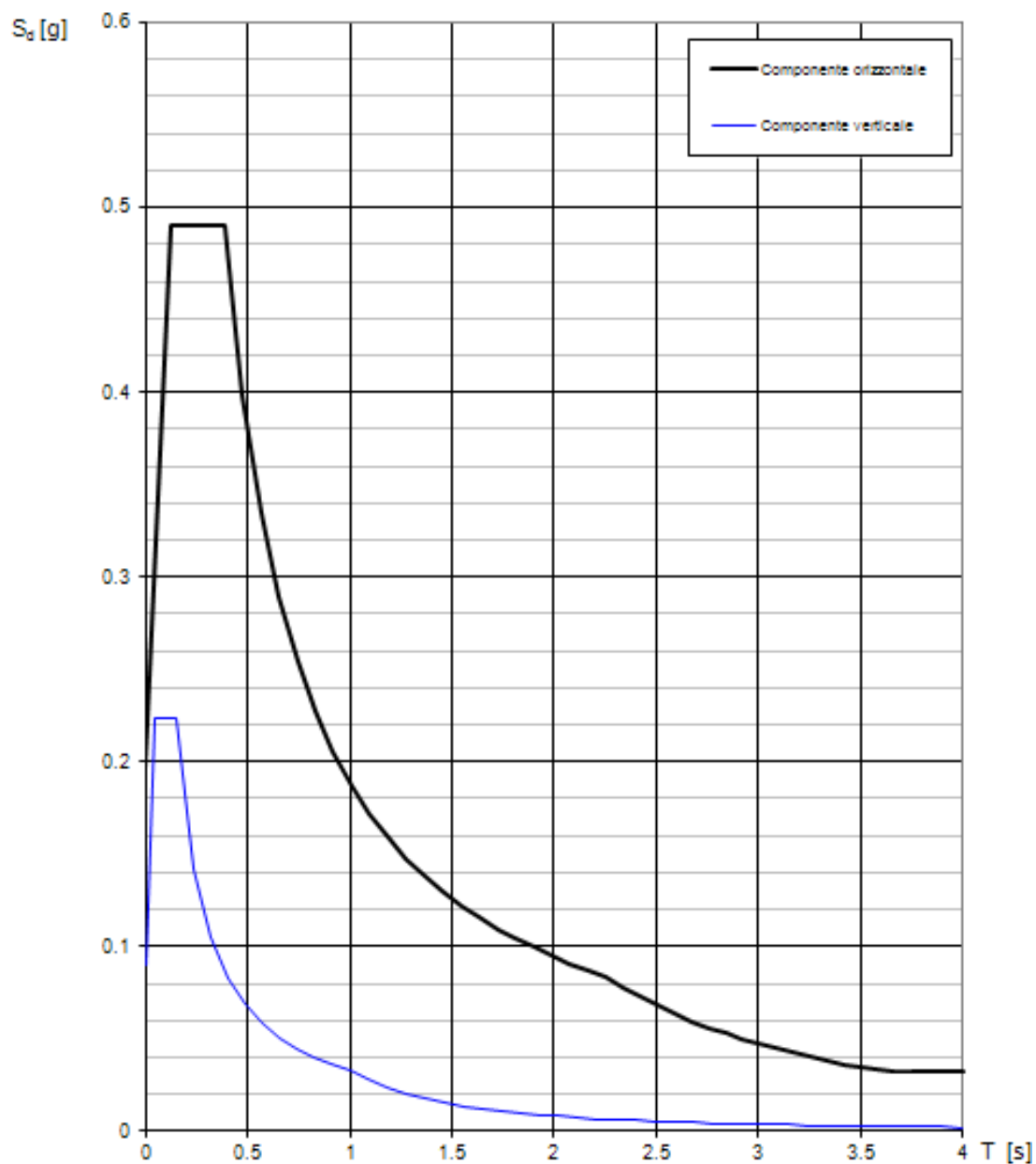


Figura 2 – Grafico spettro di risposta elastico allo SLV ( $V_R=100$  anni)

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

**Parametri indipendenti**

| STATO LIMITE | SLV     |
|--------------|---------|
| $a_g$        | 0.164 g |
| $F_o$        | 2.484   |
| $T_c^*$      | 0.269 s |
| $S_s$        | 1.200   |
| $C_c$        | 1.430   |
| $S_T$        | 1.000   |
| $q$          | 1.500   |

**Parametri dipendenti**

|        |         |
|--------|---------|
| $S$    | 1.200   |
| $\eta$ | 0.667   |
| $T_B$  | 0.128 s |
| $T_C$  | 0.385 s |
| $T_D$  | 2.258 s |

**Espressioni dei parametri dipendenti**

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

$$\eta = \sqrt{10/(5 + \xi)} \geq 0,55; \eta = 1/q \quad (\text{NTC-08 Eq. 3.2.6, §. 3.2.3.5})$$

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

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

$$T_D = 4,0 \cdot a_g / g + 1,6 \quad (\text{NTC-07 Eq. 3.2.9})$$

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

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

$$T_B \leq T < T_C \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$$

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

$$T_D \leq T \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left( \frac{T_C T_D}{T^2} \right)$$

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

**Punti dello spettro di risposta**

|         | T [s] | Se [g] |
|---------|-------|--------|
|         | 0000  | 0.197  |
| $T_B$ ← | 0.128 | 0.327  |
| $T_C$ ← | 0.385 | 0.327  |
|         | 0.474 | 0.265  |
|         | 0.563 | 0.223  |
|         | 0.653 | 0.193  |
|         | 0.742 | 0.170  |
|         | 0.831 | 0.151  |
|         | 0.920 | 0.137  |
|         | 1.009 | 0.125  |
|         | 1.098 | 0.115  |
|         | 1.188 | 0.106  |
|         | 1.277 | 0.099  |
|         | 1.366 | 0.092  |
|         | 1.455 | 0.086  |
|         | 1.544 | 0.082  |
|         | 1.633 | 0.077  |
|         | 1.723 | 0.073  |
|         | 1.812 | 0.069  |
|         | 1.901 | 0.066  |
|         | 1.990 | 0.063  |
|         | 2.079 | 0.061  |
|         | 2.169 | 0.058  |
| $T_D$ ← | 2.258 | 0.056  |
|         | 2.341 | 0.052  |
|         | 2.424 | 0.048  |
|         | 2.507 | 0.045  |
|         | 2.590 | 0.042  |
|         | 2.673 | 0.040  |
|         | 2.755 | 0.037  |
|         | 2.838 | 0.035  |
|         | 2.921 | 0.033  |
|         | 3.004 | 0.033  |
|         | 3.087 | 0.033  |
|         | 3.170 | 0.033  |
|         | 3.253 | 0.033  |
|         | 3.336 | 0.033  |
|         | 3.419 | 0.033  |
|         | 3.502 | 0.033  |
|         | 3.585 | 0.033  |
|         | 3.668 | 0.033  |
|         | 3.751 | 0.033  |
|         | 3.834 | 0.033  |
|         | 3.917 | 0.033  |
|         | 4.000 | 0.033  |

**Figura 3 – Parametri e punti spettro di progetto ( $q = 1.5$ ) allo SLV ( $V_R = 100$  anni)**

### Spettro di progetto della componente in accelerazione orizzontale allo SLV

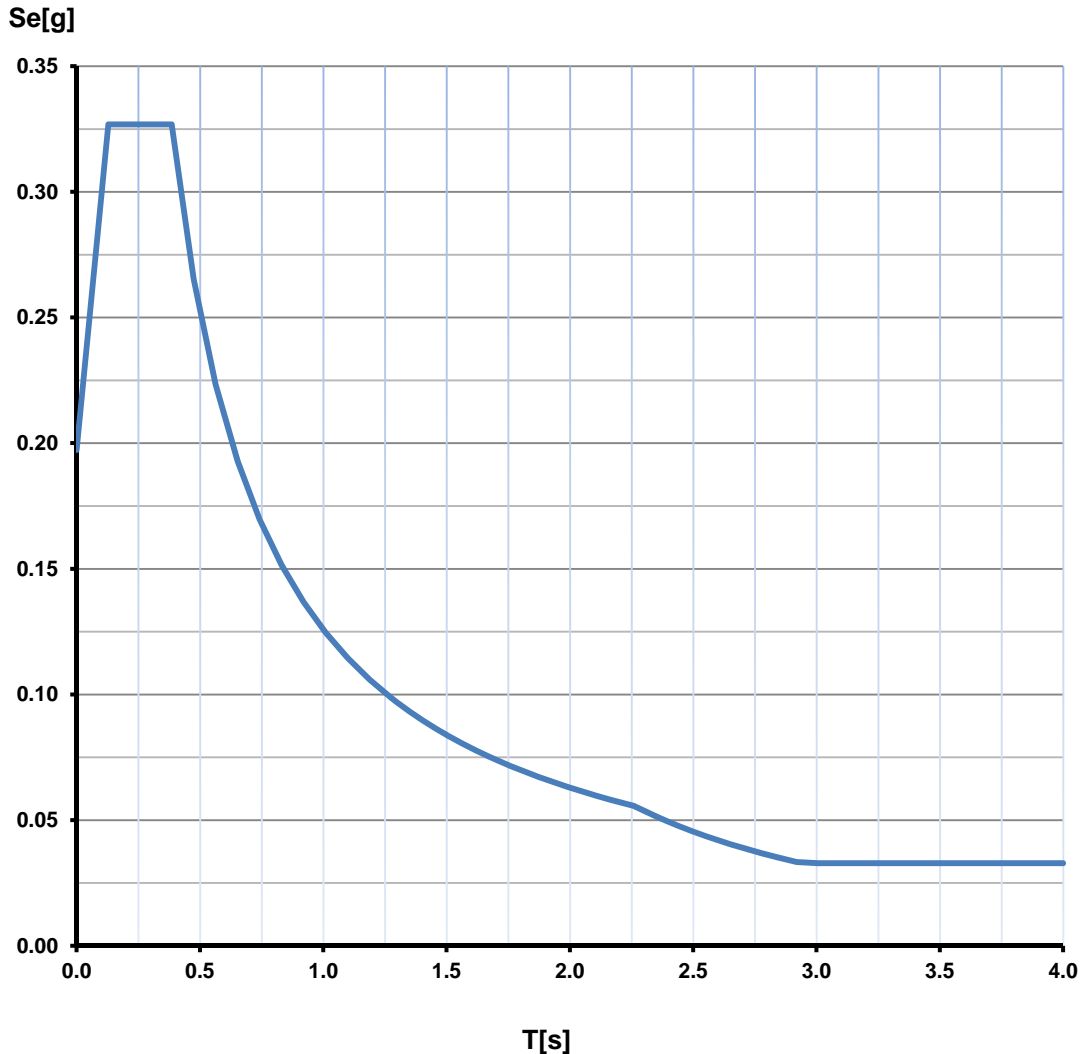


Figura 4 – Grafico spettro di progetto ( $q = 1.5$ ) allo SLV ( $V_R=100$  anni)

#### 7.6 Valore dell'ordinata spettrale di progetto

Sia per lo stato di fatto che di progetto dell'opera, in accordo col paragrafo 7.9.5.6.2 – NTC è stato utilizzato, per l'azione sismica diretta ortogonalmente all'asse dell'impalcato, il valore dello spettro di progetto della componente di accelerazione orizzontale corrispondente ad un periodo del modo di vibrare fondamentale pari a zero, ossia  $S_d(T=0) = 0.197g$

Nello stato di fatto dell'opera, mediante un'analisi dell'interazione spalla – terreno retrostante – terreno di fondazione, in direzione longitudinale, si è calcolato un periodo del modo di vibrare fondamentale  $T_1 = 0.645\text{sec}$ , a cui corrisponde un valore dell'ordinata spettrale pari a **0.196g**.

Nello stato di progetto in direzione longitudinale, per la presenza dei tiranti, il sistema spalla – terreno retrostante – terreno di fondazione oscillano monoliticamente e pertanto le forze d'inerzia di progetto si possono determinare considerando un'accelerazione pari ad  $a_g * S = 0.197g$ .

## 8. Criteri di verifica geotecnici e strutturali

### 8.1 Premessa

In generale, per ogni stato limite deve essere verificata la condizione:

$$E_d \leq R_d$$

dove  $E_d$  rappresenta l'insieme amplificato delle azioni agenti, ed  $R_d$  l'insieme delle resistenze, queste ultime corrette in funzione della tipologia del metodo di approccio al calcolo eseguito, della geometria del sistema e delle proprietà meccaniche dei materiali e dei terreni in uso.

A seconda dell'approccio perseguito, sarà necessario applicare dei coefficienti di sicurezza o amplificativi, a secondo si tratti del calcolo delle caratteristiche di resistenza o delle azioni agenti.

Nei seguenti paragrafi si riportano le combinazioni di carico da considerare per le varie verifiche ed i criteri utilizzati per le verifiche geotecniche e strutturali

### 8.2 Combinazioni di carico

Tutte le condizioni di carico elementari di carico possono essere raggruppate nei seguenti gruppi di condizioni:

$G_1$  : azioni dovute al peso proprio e ai carichi permanenti strutturali;

$G_2$  : azioni dovute ai carichi permanenti non strutturali;

$P$  : azioni dovute ai carichi di precompressione;

$Q_{ik}$  : azioni dovute ai sovraccarichi accidentali;

$E$  : azioni dovute ai carichi sismici orizzontali e verticali.

Secondo quanto previsto dalle NTC 2008, allo Stato Limite Ultimo si considerano tutte le combinazioni:

– non sismiche del tipo:  $F_d = \gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_p \cdot P_k + \gamma_q \left[ Q_k + \sum (\Psi_{0i} \cdot Q_{ik}) \right]$

essendo:

– sismiche del tipo:  $F_d = G_1 + G_2 + P_k + E + \left[ \sum (\Psi_{2i} \cdot Q_{ik}) \right]$

essendo:

$\Psi_{2i} = 0$  nel caso di sovraccarichi stradali.

I parametri  $\gamma$  e  $\Psi$  sono desunti dalle tabelle 5.1.V e 5.1.VI delle NTC 2008.



### 8.3 Criteri di verifica per le sezioni in cemento armato

#### 8.3.1 Verifiche SLU per tensioni normali per c.a.o.

Allo Stato Limite Ultimo le verifiche per tensioni normali vengono condotte confrontando per ogni sezione le resistenze ultime e le sollecitazioni massime agenti, valutando di conseguenza il corrispondente fattore di sicurezza secondo la relazione:

$$M_{rd} (N_{Ed}) \geq M_{Ed}$$

dove

$M_{rd}$  è il valore di calcolo del momento resistente associato a  $N_{Ed}$ ;

$N_{Ed}$  è il valore di calcolo della componente assiale (sforzo normale) dell'azione;

$M_{Ed}$  è il valore di calcolo della componente flettente dell'azione.

#### 8.3.2 Verifiche SLU per tensioni tangenziali per c.a.

La verifica allo Stato Limite Ultimo per taglio viene condotta, in assenza di armature trasversali a taglio secondo le relazioni:

$$V_{Rd} \geq V_{Ed}$$

$$V_{Rd} = [0.18 k (100 \rho_l f_{CK})^{1/3} / \gamma_c + 0.15 \sigma_{cp}] b_w d \geq (v_{min} + 0.15 \sigma_{cp}) b_w d$$

dove

$$k = 1 + (200/d)^{1/2} \leq 2$$

$$v_{min} = 0.035 k^{3/2} f_{CK}^{1/2}$$

$b_w$  è la larghezza minima della sezione (in mm)

$d$  è l'altezza utile della sezione (in mm)

$\rho_l = A_{sl} / (b_w d)$  è il rapporto geometrico dell'armatura longitudinale ( $\leq 0.2$ )

$\sigma_{cp} = N_{Ed} / A_c$  è la tensione media di compressione nella sezione ( $\leq 0.2 f_{Cd}$ )

Nel caso in cui siano presenti armature trasversali a taglio le verifiche vengono condotte secondo le relazioni:

$$V_{Rd} \geq V_{Ed}$$

$$V_{Rd} = \min (V_{Rsd}, V_{Rcd})$$

$$V_{Rsd} = 0.9 d A_{sw} / s f_{yd} (\cotg \alpha + \cotg \theta) \sin \alpha \text{ (resistenza armature trasversali)}$$

$$V_{Rsd} = 0.9 d b_w \alpha_c f'_{Cd} (\cotg \alpha + \cotg \theta) / (1 + \cotg^2 \theta) \text{ (resistenza puntone compresso)}$$

dove

$$1 \leq \cotg \theta \leq 2.5$$

( $\theta$  inclinazione dei puntoni compressi in cls rispetto asse trave)

$A_{sw}$  = area dell'armatura trasversale

$s$  è il passo armature trasversali

$\alpha$  è l'angolo di inclinazione dell'armatura trasversale rispetto all'asse della trave

$f'_{Cd}$  è la resistenza a compressione ridotta del cls d'anima ( $f'_{Cd} = 0.5 f_{Cd}$ )

$\alpha_c$  è il coefficiente maggiorativo pari a:

1 per membrature non compresse

$1 + \sigma_{cp} / f_{Cd}$  per  $0 \leq \sigma_{cp} < 0.25 f_{Cd}$

1.25 per  $0.25 f_{Cd} \leq \sigma_{cp} < 0.5 f_{Cd}$

$2.5 (1 - \sigma_{cp} / f_{Cd})$  per  $0.5 f_{Cd} \leq \sigma_{cp} < f_{Cd}$

### 8.4 Criteri di verifica per le sezioni in acciaio

### 8.4.1 Resistenza delle membrature

La resistenza di calcolo delle membrature  $R_d$  si pone nella forma:

$$R_d = R_k / \gamma_M$$

dove

$R_k$  è il valore caratteristico della resistenza della membratura rispetto ai vari meccanismi di crisi, determinata a partire dai valori di resistenza dei materiali riportati nei precedenti paragrafi e dalle caratteristiche geometriche degli elementi strutturali, dipendenti dalla classe della sezione;

$\gamma_M$  è il fattore parziale globale relativo al modello di resistenza adottato, che assume i valori riportati nella seguente tabella.

| <b>STRUTTURE IN ACCIAIO</b>                                                |                    |
|----------------------------------------------------------------------------|--------------------|
| Resistenza delle Sezioni di Classe 1-2-3-4                                 | $\gamma_{M0}=1.05$ |
| Resistenza all'instabilità delle membrature                                | $\gamma_{M1}=1.05$ |
| Resistenza all'instabilità delle membrature di ponti stradali e ferroviari | $\gamma_{M1}=1.10$ |
| Resistenza, nei riguardi della frattura, delle sezioni tese (forate)       | $\gamma_{M2}=1.25$ |

**Tabella 3** – Coefficienti di sicurezza per la resistenza delle membrature e la stabilità

### 8.4.2 Verifiche SLU per tensioni normali

- Membrature soggette a sola trazione

In generale per la verifica allo Stato Limite Ultimo per trazione pura deve essere rispettata la relazione:

$$N_{Ed} \leq N_t, R_d$$

dove

$N_{Ed}$  è l'azione assiale di calcolo

$N_t, R_d$  è la resistenza di calcolo a trazione che, per membrature con sezioni indebolite da fori per collegamenti bullonati o chiodati, si assume pari al valore minimo tra:

$$N_{pl, Rd} = A f_{yk} / \gamma_{M0} \quad (\text{resistenza plastica della sezione lorda})$$

$$N_{u, Rd} = 0.9 A_{net} f_{tk} / \gamma_{M2} \quad (\text{resistenza a rottura della sezione netta in corrispondenza dei fori per i collegamenti})$$

In presenza di azioni sismiche, per il rispetto della gerarchia delle resistenze, deve risultare:

$$N_{pl, Rd} \leq N_{u, Rd}$$

- Membrature soggette a sola compressione

La verifica allo Stato Limite Ultimo per compressione pura viene condotta secondo la relazione:

$$N_{Ed} \leq N_c, R_d$$

dove

$N_{Ed}$  è la forza di compressione di calcolo

$N_c, R_d$  è la resistenza di calcolo a compressione della sezione da assumere pari a:

$$N_{c, Rd} = A f_{yk} / \gamma_{M0} \quad (\text{per le sezioni di classe 1, 2 e 3})$$

$$N_{c, Rd} = A_{eff} f_{yk} / \gamma_{M0} \quad (\text{per le sezioni di classe 4})$$

- Membrature soggette a taglio

La verifica allo Stato Limite Ultimo per compressione pura viene condotta secondo la relazione:

$$V_{Ed} \leq V_{c, Rd}$$

dove

$V_{Ed}$  è la forza di taglio di calcolo

$V_{c, Rd}$  è la resistenza di calcolo a taglio della sezione da assumere pari a:

$$V_{c, Rd} = A_v f_{yk} / (\sqrt{3} \gamma_{M0})$$

con  $A_v = 2 A / \pi$  per le sezioni circolari cave

## 8.5 Criteri di verifica delle sezioni miste acciaio - cls

### 8.5.1 Premessa

In accordo con quanto indicato al punto 4.3.2.3 – *N.T.C.* la distribuzione delle tensioni normali negli elementi composti deve essere determinata o mediante una analisi rigorosa oppure considerando nel calcolo una larghezza efficace della soletta.

La larghezza efficace,  $b_{eff}$ , può essere valutata come:

$$b_{eff} = b_0 + b_{e1} + b_{e2}$$

dove  $b_0$  è la distanza tra gli assi dei connettori e  $b_{ei} = \min(L_e/8; b_i)$  è il valore della larghezza collaborante di ciascun lato della sezione composta.

$L_e$  nelle travi semplicemente appoggiate è la luce della trave.

Per gli appoggi di estremità la formula diviene:

$$b_{eff} = b_0 + \beta_1 b_{e1} + \beta_2 b_{e2}$$

$$\text{dove } \beta_i = \left( 0,55 + 0,025 \cdot \frac{L_e}{b_{ei}} \right) \leq 1,0$$

La resistenza di calcolo dei materiali  $f_d$  è definita mediante l'espressione:

$$f_d = \frac{f_k}{\gamma_M}$$

dove  $f_k$  è la resistenza caratteristica del materiale

$$\gamma_c \text{ (calcestruzzo)} = 1,5$$

$$\gamma_a \text{ (acciaio da carpenteria)} = 1,05$$

$$\gamma_s \text{ (acciaio da armatura)} = 1,15$$

$$\gamma_v \text{ (connessioni)} = 1,25$$

In particolare, per gli impalcati in sistema misto di progetto, le verifiche di resistenza allo Stato Limite Ultimo sono condotte con il Metodo elastico. La resistenza delle membrature viene calcolata al limite elastico ovvero viene individuata dal raggiungimento, anche in un solo punto della sezione, della resistenza di progetto nell'acciaio e nel calcestruzzo senza deformazioni plastiche.

Le resistenze di calcolo dei materiali acciaio e cls sono rispettivamente:

$$f_d = \frac{f_{yk}}{\gamma_s} = 338,1 \text{ MPa}$$

$$f_d = \frac{f_{ck}}{\gamma_c} = 21,2 \text{ MPa}$$

### 8.5.2 Resistenza a flessione

Le verifiche sono svolte in accordo con quanto indicato al punto 4.3.4.2.1 – N.T.C. Il momento resistente delle sezioni composte può essere ricavato utilizzando differenti metodi:

- Metodo elastico

Il momento resistente elastico è calcolato sulla base di una distribuzione elastica delle tensioni all'interno della sezione, è applicabile a qualunque tipo di sezione e limitato all' ipotesi di comportamento lineare dei materiali. Viene trascurato il contributo del calcestruzzo teso.

Il momento resistente elastico,  $M_{el}$ , è calcolato limitando le deformazioni al limite elastico della resistenza dei materiali, ossia:

$f_{cd}$  per il calcestruzzo

$f_{yd}$  per l'acciaio strutturale

$f_{sd}$  per le barre d'armatura

Le verifiche in campo elastico si eseguono con il seguente criterio:

$$\sigma_{x,Ed}^2 + \sigma_{z,Ed}^2 - \sigma_{z,Ed} \cdot \sigma_{x,Ed} + 3 \cdot \tau_{Ed}^2 \leq (f_{yk} / \gamma_{M0})^2$$

### 8.5.3 Verifica delle connessioni a taglio con pioli

La resistenza di calcolo a taglio di un piolo dotato di testa, saldato in modo automatico, con collare di saldatura normale, posto in una soletta di calcestruzzo piena può essere assunta pari al minore dei seguenti valori:

$$P_{Rd,a} = 0,8 \cdot f_t (\pi d^2 / 4) / \gamma_v$$

$$P_{Rd,c} = 0,29 \cdot \alpha \cdot d^2 (f_{ck} \cdot E_c)^{0,5} / \gamma_v$$

essendo:

$\gamma_v$  il fattore parziale connessioni pari ad 1,25

$f_t$  la resistenza a rottura dell'acciaio del piolo

$f_{ck}$  la resistenza cilindrica del cls della soletta

$d$  il diametro del piolo, compreso tra 16 e 25 mm

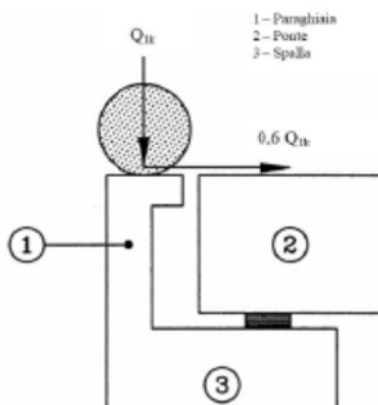
$\alpha = 0,2(h_{sc} / d + 1)$  per  $3 \leq h_{sc} / d \leq 4$

$\alpha = 1$  per  $h_{sc} / d \geq 4$

con  $h_{sc}$  pari all'altezza del piolo dopo la saldatura, non minore di 3 volte il diametro del gambo del piolo.

## 8.6 Verifica locale dei muri paraghiaia

Per il calcolo dei muri paraghiaia, il paragrafo C5.1.3.3.7.2 - *Circolare n.617* stabilisce di considerare un'azione orizzontale longitudinale di frenamento, applicata alla testa del muro paraghiaia (vedi figura), di valore caratteristico pari al 60% del carico asse  $Q_{1k}$ . Pertanto, in ponti di 1a categoria si considererà un carico orizzontale di 180 kN, concomitante con un carico verticale di 300 kN.



*Figura 5 – Carichi da traffico su muri paraghiaia*

Si considera una diffusione del carico in verticale a  $45^\circ$  al fine di definire la sezione di verifica.

## 8.7 Criteri di calcolo per le opere geotecniche

Ai fini delle resistenze, in funzione del tipo di verifica da eseguire, il valore di progetto può ricavarsi in base alle indicazioni sotto riportate.

| Parametro                                     | Parametro di riferimento | Coefficiente parziale $\gamma_M$ | M1   | M2   |
|-----------------------------------------------|--------------------------|----------------------------------|------|------|
| Tangente dell'angolo di resistenza $\varphi'$ | $\tan \varphi'_K$        | $\gamma_{\varphi'}$              | 1.00 | 1.25 |
| Coesione efficace                             | $c'_K$                   | $\gamma_{c'}$                    | 1.00 | 1.25 |
| Resistenza non drenata                        | $C_{uk}$                 | $\gamma_{cu}$                    | 1.00 | 1.40 |
| Peso dell'unità di volume                     | $\gamma$                 | $\gamma_\gamma$                  | 1.00 | 1.00 |

**Tabella 4** – Coefficienti parziali per i parametri geotecnici del terreno

Le verifiche SLU e GEO sono state svolte, nel caso in esame, con l'Approccio 2, che prevede la combinazione di coefficienti:

*Combinazione 1 (A1+M1+R3)*

In particolare per le caratteristiche meccaniche dei terreni avremo:

### UG1

*Metodo M1*

Peso per unità di volume totale  $\gamma = 19 \text{ kN/m}^3$   
 Coesione  $c' = 0 \text{ kPa}$   
 Angolo di attrito di calcolo  $\phi' = 28^\circ$

### UG3

*Metodo M1*

Peso per unità di volume totale  $\gamma = 21 \text{ kN/m}^3$   
 Coesione  $c' = 0 \text{ kPa}$   
 Angolo di attrito di calcolo  $\phi' = 37^\circ$

### UG4

*Metodo M1*

Peso per unità di volume totale  $\gamma = 20 \text{ kN/m}^3$   
 Coesione  $c' = 5 \text{ kPa}$   
 Angolo di attrito di calcolo  $\phi' = 28^\circ$

### Riporto

*Metodo M1*

Peso per unità di volume totale  $\gamma = 20 \text{ kN/m}^3$   
 Coesione  $c' = 0 \text{ kPa}$   
 Angolo di attrito di calcolo  $\phi' = 35^\circ$

Per i pali, i coefficienti R3 sono desunti dalla tabella seguente, come precisato al paragrafo 6.4.3.1 – NTC.

| Verifica                                              | Coefficiente parziale R3 |
|-------------------------------------------------------|--------------------------|
| Carichi assiali – Resistenza di base                  | $\gamma_{Rb} = 1.35$     |
| Carichi assiali – Resistenza laterale in compressione | $\gamma_{Rs} = 1.15$     |
| Carichi assiali – Resistenza laterale in trazione     | $\gamma_{Rst} = 1.25$    |
| Carichi trasversali – Resistenza totale               | $\gamma_{RT} = 1.30$     |

**Tabella 5** – Coefficienti parziali  $\gamma_R$  da applicare alle resistenze caratteristiche dei pali

Anche per le verifiche GEO e STR sui tiranti di ancoraggio, viene utilizzata la combinazione A1+M1+R3, come precisato al paragrafo 6.6.2 - NTC, con il coefficiente R3 desunto dalla tabella seguente.

| Verifica             | Coefficiente parziale R3 |
|----------------------|--------------------------|
| Ancoraggi temporanei | $\gamma_{Ra,t} = 1.10$   |
| Ancoraggi permanenti | $\gamma_{Ra,p} = 1.20$   |

**Tabella 6** – Coefficienti parziali  $\gamma_R$  per la resistenza degli ancoraggi

Nelle verifiche finalizzate al dimensionamento strutturale, il coefficiente  $\gamma_R$  non deve essere portato in conto.

Per quanto riguarda le verifiche in condizioni sismiche, esse verranno effettuate considerando, per i diversi stati limite, i coefficienti amplificativi delle azioni (A) di valore unitario, come indicato al punto C7.11.6.2 – Circolare n. 617.

Le resistenze caratteristiche  $R_k$  del singolo elemento (palo, tirante), si ottengono dividendo i valori medio e minimo delle resistenze, dedotte tramite metodi di calcolo analitici, rispettivamente per i fattori di correlazione  $\xi_{i,3}$  e  $\xi_{i,4}$  dipendenti dal numero di verticali indagate.

Per i pali di fondazione e per i tiranti i coefficienti si deducono rispettivamente dalle seguenti tabelle:

| N. verticali di indagine | 1    | 2    | 3    | 4    | 5    | 7    | $\geq 10$ |
|--------------------------|------|------|------|------|------|------|-----------|
| $\xi_3$                  | 1.70 | 1.65 | 1.60 | 1.55 | 1.50 | 1.45 | 1.40      |
| $\xi_4$                  | 1.70 | 1.55 | 1.48 | 1.42 | 1.34 | 1.28 | 1.21      |

**Tabella 7** – Fattori di correlazione  $\xi$  per la determinazione della resistenza caratteristica dei pali di fondazione in funzione del numero di verticali indagate

| N. profili di indagine | 1    | 2    | 3    | 4    | ≥5   |
|------------------------|------|------|------|------|------|
| $\xi_{a3}$             | 1.80 | 1.75 | 1.70 | 1.65 | 1.60 |
| $\xi_{a4}$             | 1.80 | 1.70 | 1.65 | 1.60 | 1.55 |

**Tabella 8** – Fattori di correlazione per derivare la resistenza caratteristica dalle prove geotecniche, in funzione del numero  $n$  di profili di indagine

Nel caso in esame, avendo a disposizione 7 verticali di indagine ed utilizzando i valori medi delle resistenze, si considera:

- PALI DI FONDAZIONE:  $\xi_3 = 1.45$
- TIRANTI DI ANCORAGGIO:  $\xi_{a,3} = 1.60$

### 8.7.1 Prescrizioni in zona sismica

#### Azioni di progetto sulle fondazioni

Per le strutture progettate sia per CD “A” sia per CD “B” il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azioni in fondazione le resistenze degli elementi strutturali soprastanti. Più precisamente, la forza assiale negli elementi strutturali verticali derivante dalla combinazione delle azioni sismiche deve essere associata al concomitante valore resistente del momento flettente e del taglio; tali azioni tuttavia devono risultare non maggiori di quelle trasferite dagli elementi soprastanti, amplificate con un  $\gamma_{Rd}$  pari a 1.1 in CD “B” e 1.3 in CD “A”, e comunque non maggiori di quelle derivanti da una analisi elastica della struttura in elevazione eseguita con un fattore di struttura  $q$  pari a 1 (punto 7.2.5 - NTC).

Nel caso in esame si fa riferimento alla situazione in cui le azioni sulle fondazioni sono pari a quelle trasferite dagli elementi soprastanti amplificate con un  $\gamma_{Rd}$  pari a 1.1 (CD “B”).

#### Lunghezza libera dei tiranti in condizioni sismiche

Il punto 7.11.6.4 – NTC, per tenere conto che, per effetto del sisma, la potenziale superficie di scorrimento dei cunei di spinta presenta un’inclinazione sull’orizzontale minore di quella relativa al caso statico, considera una lunghezza libera dell’ancoraggio  $L_e$  in condizioni sismiche maggiore di quella,  $L_s$ , in condizioni statiche. In particolare  $L_e$  si ottiene mediante la relazione:

$$L_e = L_s * (1 + 1.5 * a_{max} / g)$$

in cui  $a_{max}$  è l’accelerazione orizzontale massima attesa al sito, pari a  $S_s * S_T * a_g$ .



### 8.7.2 Criterio di verifica della resistenza allo sfilamento dei tiranti (GEO)

La resistenza allo sfilamento dei tiranti viene calcolata analiticamente con il metodo di Bustamante e Doix (1985), con la formula:

$$R_m = \pi d_b L_b s \alpha_b$$

dove

$L_b$  è la lunghezza d'ancoraggio

$d_b$  è il diametro della perforazione

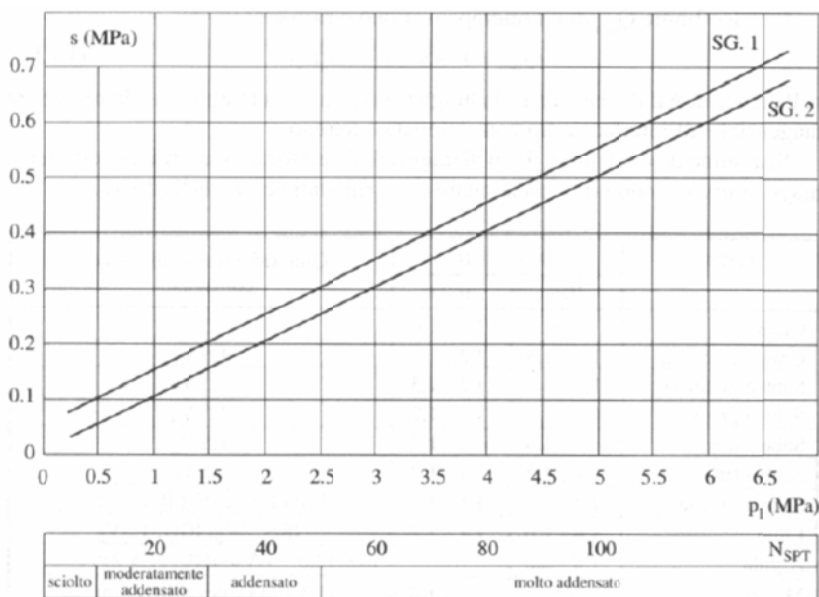
$\alpha_b$  è un coefficiente amplificativo che tiene conto del terreno e della modalità di esecuzione;

$s$  è la tensione di aderenza fra terreno e fondazione.

$\alpha_b$  è pari ad 1.4 per l'unità geotecnica UG1 (sabbia limosa) ed 1.6 per l'UG3 (ghiaia sabbiosa), valori tipici nel caso di esecuzione con tecnologia IRS (iniezioni ripetute e controllate).

La resistenza laterale unitaria  $s$  si determina da un apposito abaco in funzione della tecnologia di iniezione e del tipo di terreno attraversato (del suo grado di addensamento e delle sue caratteristiche meccaniche).

| Terreno                                           | Tipo di iniezione |      |
|---------------------------------------------------|-------------------|------|
|                                                   | IRS               | IGU  |
| Da ghiaia a sabbia limosa                         | SG1               | SG2  |
| Limo e argilla                                    | AL1               | AL2  |
| Marna, calcare marnoso, calcare tenero fratturato | MC1               | MC2  |
| Roccia alterata e/o fratturata                    | ≥ R1              | ≥ R2 |



Dall'abaco sopra riportato, partendo dalle risultanze delle prove pressiometriche eseguite, sulla curva relativa alle formazioni SG.1, si è letto un valore della resistenza laterale unitaria  $s$  pari a 0.15 MPa e 0.35 MPa rispettivamente per l'UG1 e l'UG3.

Le resistenze caratteristiche  $R_k$  si ottengono dividendo i valori determinati analiticamente per il fattore di correlazione  $\xi_3$  precedentemente descritto. Infine, la resistenza di calcolo  $R_d$  si ottiene dividendo i valori caratteristici  $R_k$  delle varie aliquote per i rispettivi coefficienti parziali di sicurezza  $R_3$ .

### 8.7.3 Criterio di verifica a carico limite dei pali trivellati e delle colonne di jet grouting (GEO)

Il carico limite di un palo trivellato è dato dal contributo di due aliquote: la resistenza alla punta e quella laterale.

La resistenza alla punta in condizioni drenate per terreni a grana grossa si assume pari a:

$$P_m = \sigma'_{VL} N_q \pi d^2/4$$

dove:

$\sigma'_{VL}$  è tensione verticale efficace che agisce sul piano orizzontale passante per la punta del palo

$d$  è il diametro del palo

$N_q = N_q(\varphi', L/D)$  si determina mediante l'abaco di Berezantzev in funzione dell'angolo di attrito del terreno alla punta del palo  $\varphi'$  dopo la realizzazione di quest'ultimo e del rapporto tra la lunghezza  $L$  ed il diametro  $D$  del palo.

Kishida (1967) suggerisce di assumere, per i pali trivellati,  $\varphi = \varphi'_1 - 3^\circ$ , essendo  $\varphi'_1$  l'angolo di attrito del deposito indisturbato.

La resistenza laterale si assume invece pari a:

$$S_m = \pi d [ \sum (\sigma'_{vm,i} \mu_i k_i L_i + a_i L_i) ]$$

dove, conservando il significato dei termini presenti nell'espressione del carico limite alla punta:

$\sigma'_{vm,i}$  è tensione efficace litostatica media nello strato  $i$ -esimo di terreno

$\mu_i$  è il coefficiente di attrito palo – terreno nello strato  $i$  – esimo, che è pari a  $\text{tg } \varphi'_{1i}$  per i pali trivellati.

$k_i$  è un coefficiente empirico, dipendente dalla tecnica esecutiva del palo, che permette di definire la tensione verticale effettivamente agente nell'intorno del palo allo strato  $i$  – esimo a partire da  $\sigma'_{vm,i}$ . Nel caso di pali trivellati in terreni mediamente addensati si assume  $k = 0.45$ .

Le resistenze caratteristiche alla punta, laterale in compressione e laterale in trazione si ottengono dividendo i valori determinati analiticamente per il fattore di correlazione  $\xi_3$  precedentemente descritto. Infine, la resistenza di calcolo corrispondente si calcola dividendo i valori caratteristici  $R_k$  delle varie aliquote per i rispettivi coefficienti parziali di sicurezza  $R_3$ .

### 8.7.4 Criteri di verifica strutturale delle fondazioni

Le verifiche strutturali, per la tipologia di fondazioni utilizzata, riguardano il plinto e l'armatura metallica delle colonne di jet grouting.

Sia la parte di plinto esistente che quella appartenente all'allargamento di nuova realizzazione sono classificabili come "alti" in quanto la distanza tra l'asse della colonna di jet grouting, pari a 1.35 m (e dei nuovi pali trivellati, pari ad 1.26 m), è minore dell'altezza del plinto, di 1.80 m. Pertanto la verifica del plinto è stata eseguita considerando un modello a traliccio spaziale affine a quello riportato nelle seguenti immagini.

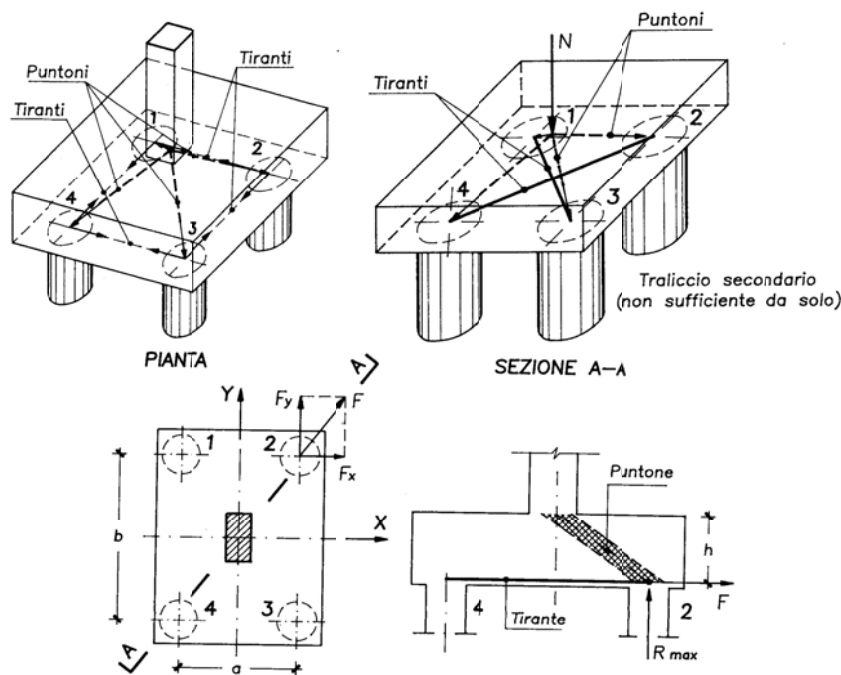
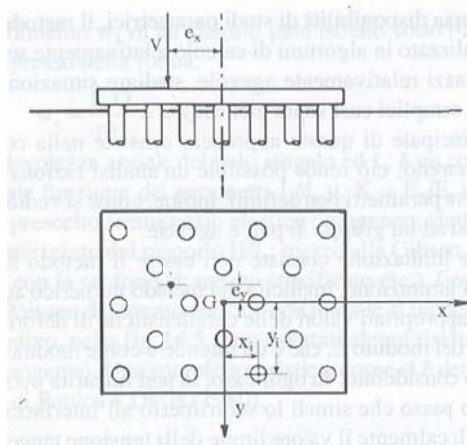


Figura 6 – Schema tipo di un modello a traliccio spaziale

Le colonne di jet grouting sono state verificate a compressione assiale mentre l'armatura metallica delle colonne di jet grouting è stata verificata a taglio.

Il carico assiale  $Q_i$  agente sul palo  $i$  – esimo della palificata di  $n$  pali, di coordinate  $(x_i, y_i)$  rispetto al baricentro della palificata, viene valutato come:

$$Q_i = V/n + V e_x x_i / (\sum x_i^2) + V e_y y_i / (\sum y_i^2)$$



### 8.7.5 Spinta dei terreni per le verifiche sismiche

Per quanto riguarda la valutazione delle spinte in condizioni statiche, la spinta del terreno sul muro ha un andamento crescente secondo una legge di tipo lineare dall'alto verso il basso. La pendenza del diagramma delle spinte, che risulta quindi di tipo triangolare, è pari al prodotto  $\gamma \cdot k_a$  avendo indicato con  $\gamma$  il peso dell'unità di volume del terreno a tergo della spalla e con  $k_a$  il coefficiente di spinta attiva. Si considera, inoltre, la spinta di tipo rettangolare indotta da un sovraccarico stradale distribuito a tergo del muro pari a  $20 \text{ kN/m}^2$  (come da specifiche ANAS).

In condizioni sismiche, oltre alle forze di inerzia dovute al peso degli elementi strutturali e del terreno alle spalle del muro, è necessario considerare anche un incremento della spinta del terreno rispetto a quella statica.

Le spinte in stato limite attivo in condizioni sismiche possono essere determinate con la formula:

$$S_{aE} = \frac{1}{2} \cdot \gamma \cdot H^2 \cdot (1 - K_v) \cdot K_{aE}$$

in cui

$K_v$  è il coefficiente sismico verticale pari a  $\pm 0.5 K_h$

$K_h = \beta_m a_{\max} / g$  è il coefficiente sismico orizzontale (punto 7.11.6.2.1 - NTC)

dove

$\beta_m = 1.0$  in accordo con quanto indicato nella Tabella 7.1 dell'Eurocodice 8 – Parte 5 per quanto riguarda le spalle da ponte fondate su pali di fondazione (tirantate e non.).

$a_{\max} = S_S \cdot S_T \cdot a_g = 1.198 \cdot 1.0 \cdot 0.165g = 0.198 g$  è l'accelerazione orizzontale massima al sito

Nel caso in esame risulta  $K_h = 0.197$  e ne consegue che  $K_v$  risulta pari a  $\pm 0.0986$

$K_{aE}$  è il coefficiente di spinta attiva in condizioni sismiche valutato sulla base delle formulazioni fornite da Mononobe e Okabe.

L'incremento di spinta è quindi ottenuto come differenza tra la spinta in condizioni sismiche e quella applicata in condizioni statiche. Esso è rappresentato da un carico pseudo-statico di tipo rettangolare la cui risultante è applicata a metà altezza del muro così come prescritto dalla norma per muri non liberi di traslare e ruotare intorno al piede.

I valori del coefficiente di spinta attiva assumono i valori qui di seguito riportati:

$k_a = 0.271$  CONDIZIONI STATICHE

$K_{aE} = 0.393$  CONDIZIONI DINAMICHE (in assenza di sisma verticale)

$K_{aE+} = 0.381$  CONDIZIONI DINAMICHE (sisma verticale verso l'alto)

$K_{aE-} = 0.410$  CONDIZIONI DINAMICHE (sisma verticale verso il basso).

## 9. Verifiche agli stati limite ultimi

### 9.1 Calcoli automatici e descrizione della modellazione

Il programma di calcolo impiegato per le analisi è il Midas Gen 2012, prodotto dalla Midas Information Technology Co. Ltd. e consente di effettuare la modellazione e l'analisi di elementi di qual si voglia natura (in cemento armato, acciaio, muratura e legno, ecc.), mediante il metodo degli elementi finiti.

L'input geometrico del modello avviene mediante la definizione della geometria spaziale degli elementi, definita attraverso le coordinate spaziali dei nodi che definiscono tali elementi.

La strutture e il loro comportamento sotto le azioni statiche e dinamiche, sono state interpretate, valutate e adeguatamente trasferite nei modelli che si caratterizzano per l'impostazione completamente tridimensionale. A tal fine ai nodi strutturali possono convergere diverse tipologie di elementi, che corrispondono nel codice numerico di calcolo in altrettante tipologie di elementi finiti. Travi e pilastri, ovvero componenti in cui una dimensione prevale sulle altre due, vengono modellati tramite elementi *beam*. Per la modellazione di elementi tipo *beam* si definisce compiutamente la sezione geometrica reale, di modo da calcolare in via automatizzata le caratteristiche inerziali della sezione stessa, assegnando poi ad ognuna membratura il materiale di riferimento.

Le pareti, e le platee di fondazione, ovvero in generale i componenti strutturali bidimensionali, con due dimensioni prevalenti sulla terza (lo spessore), sono stati modellati con elementi *shell* a comportamento flessionale e membranale. I vincoli esterni vengono rappresentati, nei casi più semplici (apparecchi d'appoggio, cerniere, carrelli), con elementi in grado di definire le modalità di vincolo e le rigidità nello spazio.

I modelli di calcolo prevedono diverse condizioni di carico dedotte sulla base dell'analisi dei carichi riportate precedentemente. Tali condizioni sono state poi combinate in maniera tale da determinare le combinazioni necessarie alle verifiche agli Stati Limite Ultimi, secondo cui si modella e verifica la struttura nei confronti del collasso della stessa.

Le modellazioni principali hanno riguardato le spalle e l'impalcato nello stato di fatto e nello stato di progetto.

La modellazione delle spalle è stata effettuata sia per eseguire le verifiche strutturali a taglio e pressoflessione dei muri andatori, del paramento e del paraghia, sia per verificare la distribuzione delle azioni tra le fondazioni nuove ed esistenti.

Lo scopo della modellazione degli implacati è invece verificare gli elementi della nuova struttura, nonché le porzioni di impalcato esistente che subiscono alterazioni per effetto dell'allargamento.

I modelli di calcolo sono stati realizzati definendo preventivamente le proprietà intrinseche del calcestruzzo, in seguito, assegnato a ciascuna delle parti le proprietà geometriche caratterizzanti, sono state ad esse applicate le azioni competenti.

Tali azioni, per le spalle, consistono nelle spinte dei terreni e nelle azioni trasmesse dagli impalcati. La modellazione delle varie aliquote della spinta del terreno avviene attraverso l'utilizzo degli *Hydrostatic pressure loads* mentre le azioni gravitazionali e sismiche trasmesse dall'impalcato alla spalla avviene attraverso l'inserimento di *Element beam loads* applicati lungo degli elementi *beam* definiti ad hoc alla quota degli appoggi. Tutte le azioni vengono poi combinate tra loro secondo quanto richiesto dalle norme.

Per quanto riguarda gli impalcati, la massimizzazione degli effetti dei carichi mobili sui vari elementi strutturali è ottenuta eseguendo una *Moving Load Analysis* mediante la definizione di linee di influenza. Il Software provvede automaticamente a ricercare le configurazioni dei carichi più gravose in relazione all'effetto desiderato.

Per tutti i modelli le azioni considerate sono quelle descritte nel'apposito capitolo delle azioni.

La validazione delle modellazioni svolte e dei relativi risultati è stata eseguita comparando tali risultati con quelli derivanti da analisi semplificate effettuate con altri software e/o con schemi elementari di calcolo.

Per i dettagli delle analisi effettuate si rimanda ai paragrafi finali, dove sono riportati i tabulati di input e output delle modellazioni effettuate.

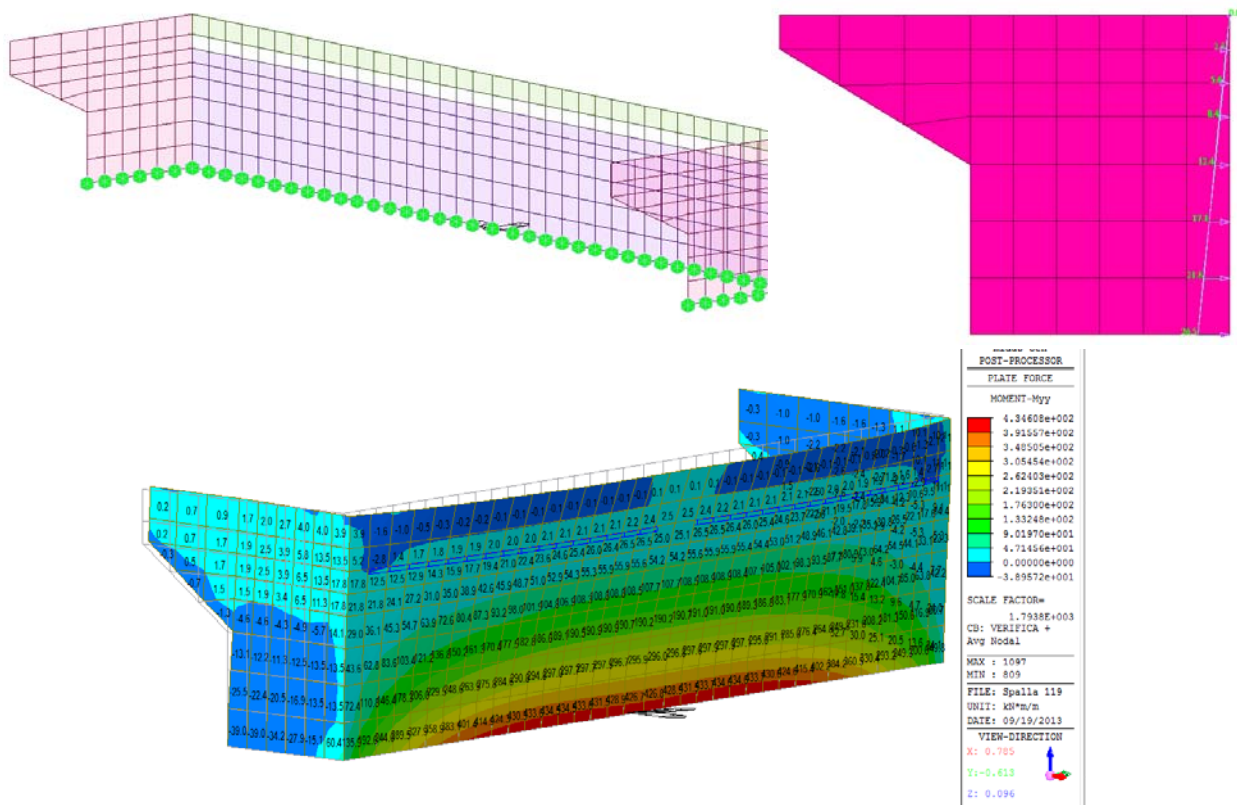
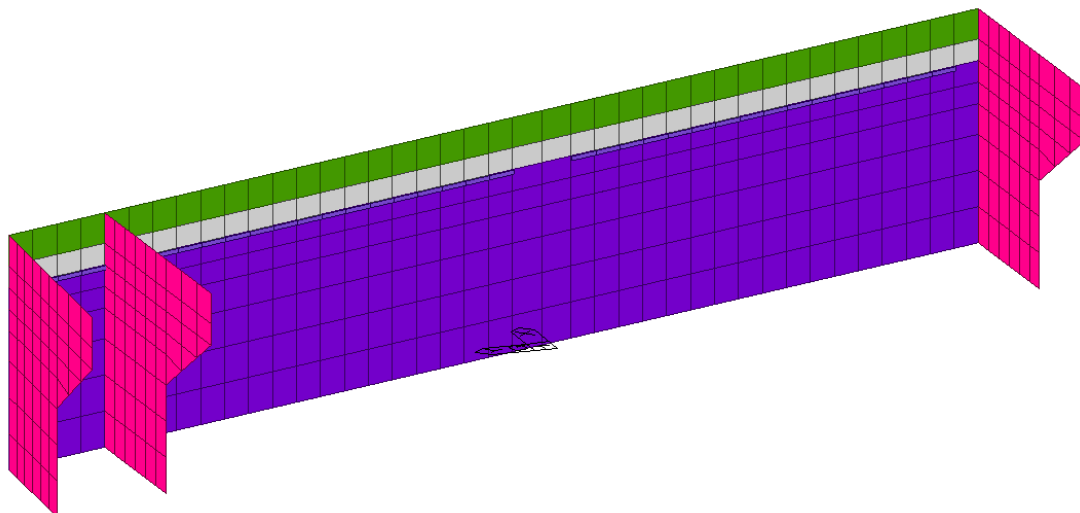
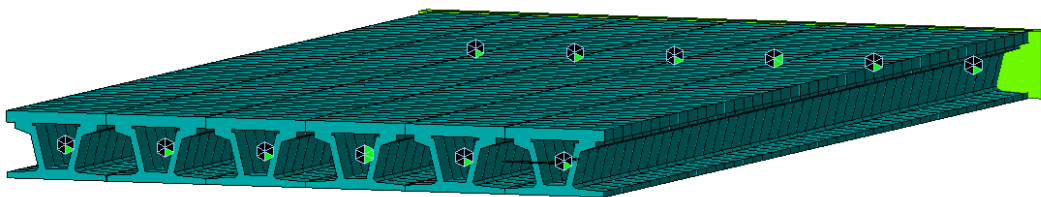


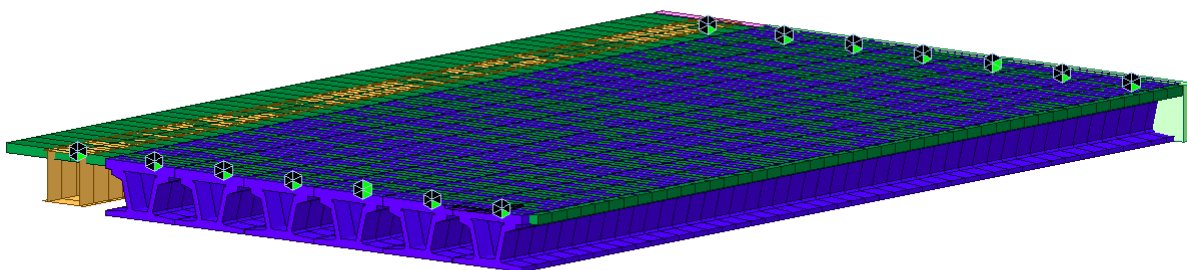
Figura 7 – Immagini del modello di una delle spalle nello stato di fatto



*Figura 8 – Immagini del modello della spalla lato Bardonecchia nello stato di progetto*



*Figura 9 – Vista assometrica del modello dell'impalcato nello stato di fatto*



*Figura 10 – Vista assometrica del modello dell'impalcato nello stato di progetto*

## 9.2 Verifiche agli Stati Limite Ultimi dello stato di fatto

### 9.2.1 Premessa

Si riportano le verifiche delle strutture costituenti il sovrappasso nello stato di fatto. Per i muri andatori, il paramento e le fondazioni, le combinazioni di carico più gravose risultano essere quelle di tipo sismico (SLV), mentre per il paraghiaia la verifica più significativa è quella locale rispetto alle azioni di frenamento (SLU).

### 9.2.2 Azioni sulle fondazioni

Le sollecitazioni di calcolo per le verifiche SLV in fondazione sono state ottenute calcolando, a partire dalle azioni caratteristiche, di seguito riportate, le risultanti di tutte le azioni normali, taglianti e flettenti rispetto al piano della palificata, il cui centro corrisponde con il baricentro dell'impronta del plinto, e ripartendo poi gli sforzi secondo gli interassi.

Si faccia riferimento alle seguenti figure ed agli elaborati di progetto per una migliore comprensione.

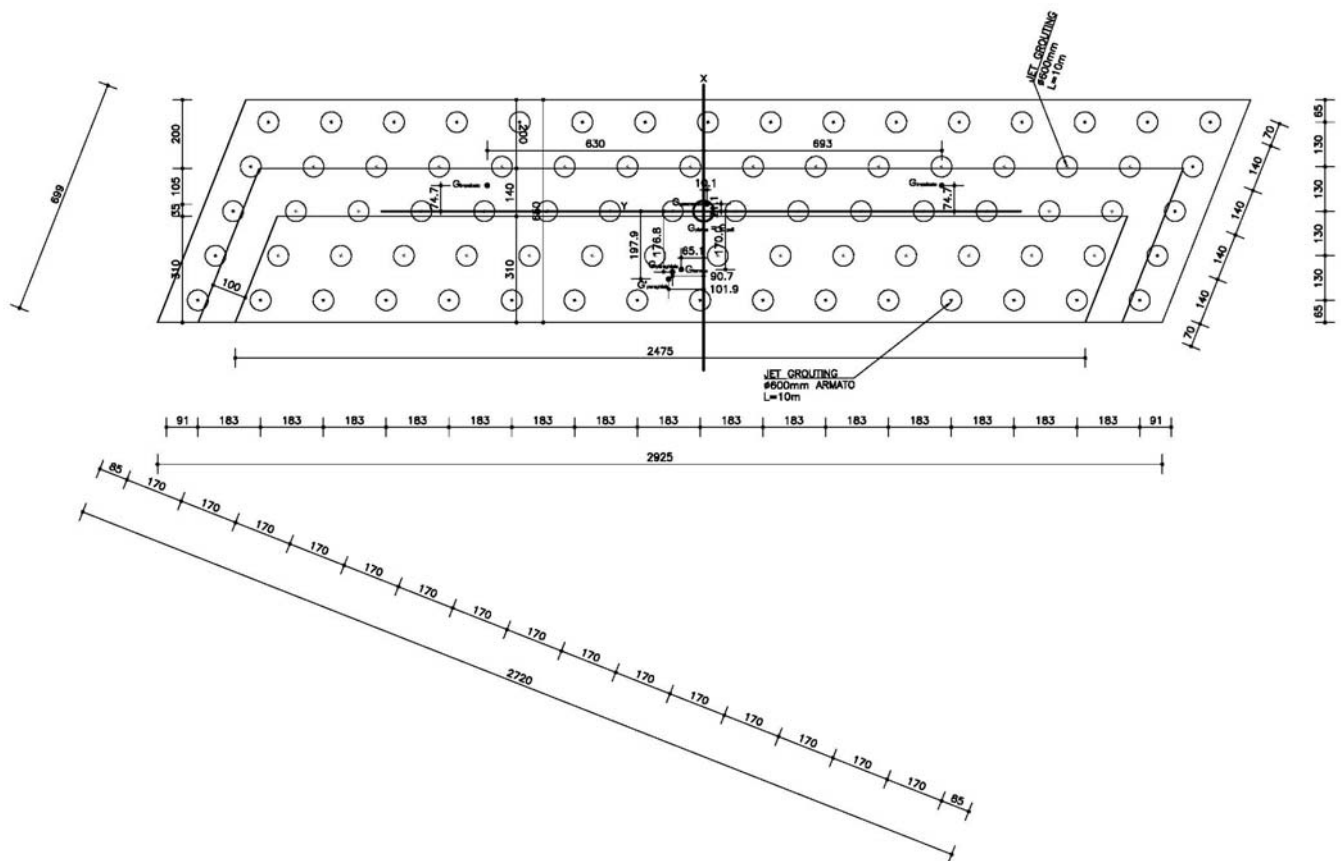


Figura 11 – Pianta fondazioni nello stato di fatto



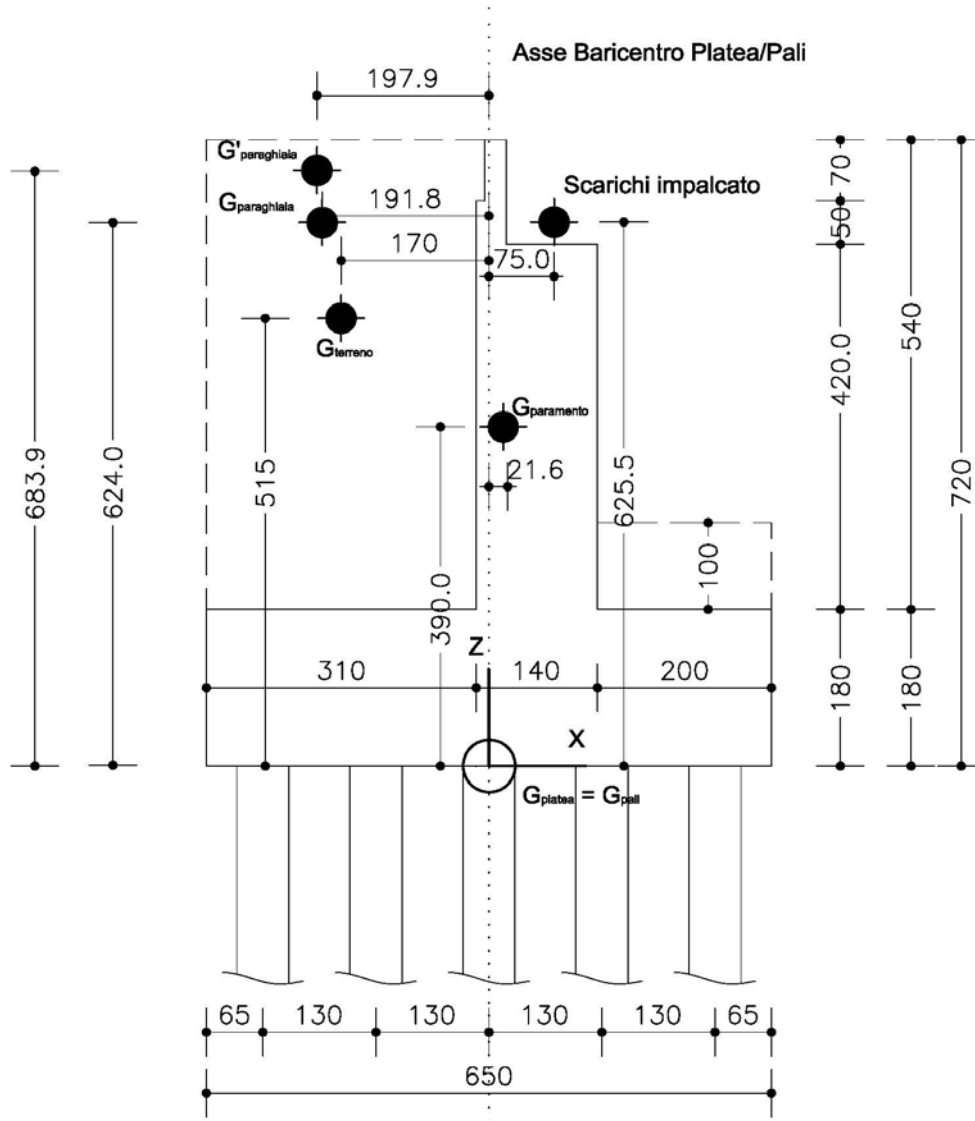


Figura 12 – Geometria di calcolo delle spalle nello stato di fatto

*Peso della spalla (kN)*

$$N_{Pm} = W_{platea} + W_{paramento} + W_{paraghiaia} = 8559.6 + 4653.6 + 618.8 = 13832.0$$

*Peso del terreno a monte (kN)*

$$N_{Pt,m} = W_{terreno,m} = 7210.3$$

*Peso del terreno a valle e laterale (kN)*

$$N_{Pt,v-l} = W_{terreno,v} + W_{terreno,l} = 846.7 + 1076.0 = 1922.7$$

*Scarico verticale singolo impalcato (kN)*

$$N_{Imp} = 2793.7$$

*Risultante spinta statica del terreno (kN/m)*

$$S_{st} = 0.5 k_a \gamma H_{tot}^2 = 140.5$$

*Risultante incremento di spinta sismica terreno (kN/m)*

$$S_{st} = 0.5 (k_{aE} - k_a) \gamma H_{tot}^2 = 63.5$$

*Forze d'inerzia del muro (kN)*

$$F_{im} = (W_{paramento} + W_{paraghiaia}) k_h = 1041.3$$

*Forza d'inerzia singolo impalcato (kN)*

$$F_{ii} = N_{Imp} k_h = 553.0$$

*Forza d'inerzia del terreno a monte – Sisma direzione parallela asse impalcato (kN/m)*

$$F_{it-long} = 61.9$$

*Forza d'inerzia del terreno a monte – Sisma direzione trasversale asse impalcato (kN/m)*

$$F_{it-trasv} = 213$$

Sollecitazioni totali sul piano della palificata    Sforzi sollecitanti di progetto su pali SLV  
per combinazioni SLV

|                              |                                |
|------------------------------|--------------------------------|
| $N = 31029.4 \text{ kN}$     | $N_{max} = 575.7 \text{ kN}$   |
| $V_x = 10413.0 \text{ kN}$   | $N_{min} = 200.1 \text{ kN}$   |
| $M_y = 26504.3 \text{ kN m}$ | $V_{x,max} = 325.1 \text{ kN}$ |
| $M_x = 1491.2 \text{ kN m}$  |                                |

### 9.2.3 Verifiche delle colonne di jet grouting $\Phi 600 - L_P = 10 \text{ m}$ (STR/GEO)

#### Carico limite delle colonne di jet grouting (GEO)

Le colonne di jet grouting ricadono per tutto il loro sviluppo verticale nell'unità geotecnica UG3.

La resistenza alla punta di calcolo è pari a:

$$P_d = (\sigma'_{VL} N_q \pi d^2/4) / (\xi_3 \gamma_{R3}) = 908.7 \text{ kN}$$

in quanto

$$\sigma'_{VL} = 19 \text{ kN/m}^3 * 2.8 \text{ m} + (21 - 10) \text{ kN/m}^3 * 10 \text{ m} = 163.2 \text{ kN/m}^2$$

$$d = 0.60 \text{ m}$$

$$N_q = N_q(\varphi' = 34, L/D = 16.67) = 38.55$$

$$\xi_3 = 1.45$$

$$\gamma_{R3} = 1.35$$

La resistenza laterale in compressione di calcolo è invece pari a:

$$S_d = (\pi d L_P \sigma'_{vm} \mu k) / (\xi_3 \gamma_{R3}) = 414.8 \text{ kN}$$

essendo:

$$\sigma'_{vm} = (19 \text{ kN/m}^3 * 2.8 \text{ m} + 163.2 \text{ kN/m}^2) / 2 = 108.2 \text{ kN/m}^2$$

$$\mu = \text{tg}(37^\circ) = 0.754$$

$$k = 0.45$$

$$\xi_3 = 1.45$$

$$\gamma_{R3} = 1.15$$

$$d = 0.60 \text{ m}$$

Il carico limite di calcolo è pertanto pari  $P_d + S_d = 1323.5 \text{ kN}$ .

#### Resistenza a compressione assiale colonne di jet grouting (STR)

| $f_{j,media}$<br>Mpa | $\gamma_j$ | F.C. | $f_{j,d}$<br>MPa | d<br>mm | Area<br>mm <sup>2</sup> | $N_{j,Rd}$<br>kN |
|----------------------|------------|------|------------------|---------|-------------------------|------------------|
| 8                    | 1.50       | 1.35 | 3.95             | 600     | 282743                  | <b>1117.01</b>   |

#### Resistenza a taglio e compressione tubi d'armatura per colonne di jet grouting (STR)

| $f_{y,media}$<br>Mpa | $\gamma_j$ | F.C. | $f_{yd}$<br>Mpa | Area<br>mm <sup>2</sup> | Area - Taglio<br>mm <sup>2</sup> | $N_{j,Rd}$<br>kN | $V_{j,Rd}$<br>kN |
|----------------------|------------|------|-----------------|-------------------------|----------------------------------|------------------|------------------|
| 355                  | 1.05       | 1.00 | 338.10          | 1687                    | 1074                             | <b>570.24</b>    | <b>209.59</b>    |

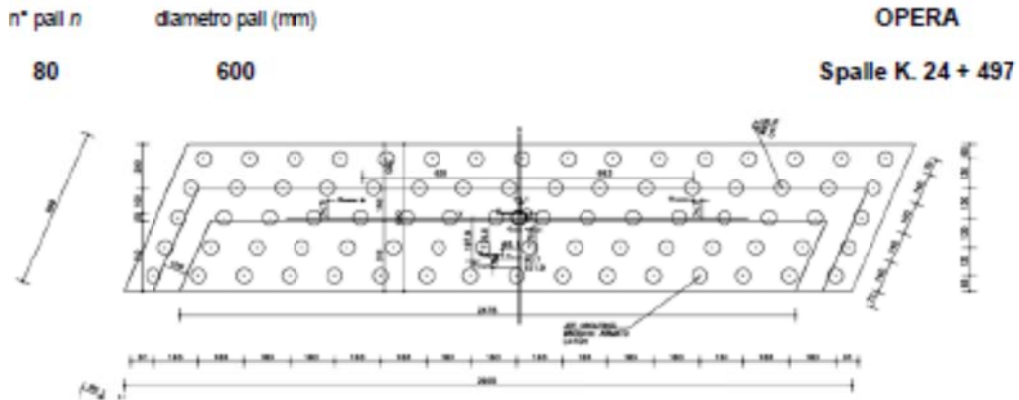
Verifiche

| COMPRESSIONE                        |                        |                    |                        |                                  |                        |                        |                                      |
|-------------------------------------|------------------------|--------------------|------------------------|----------------------------------|------------------------|------------------------|--------------------------------------|
| SEZIONE COMPOSTA JET-TUBOLARE (STR) |                        |                    |                        |                                  | CARICO LIMITE (GEO)    |                        |                                      |
| $N_{\text{tubolare}}$<br>kN         | $N_{\text{jet}}$<br>kN | $N_{R\_TOT}$<br>kN | $N_{\text{max}}$<br>kN | $N_{R\_TOT}/N_{\text{max}}$<br>- | $N_{\text{max}}$<br>kN | $Q_{\text{LIM}}$<br>kN | $Q_{\text{LIM}}/N_{\text{max}}$<br>- |
| 570.24                              | 1117.01                | 1687.25            | 575.67                 | <b>2.93</b>                      | 575.67                 | 1323.50                | <b>2.30</b>                          |

| TAGLIO         |                        |                                |
|----------------|------------------------|--------------------------------|
| $V_{Rd}$<br>kN | $V_{\text{max}}$<br>kN | $V_{c,Rd}/V_{\text{max}}$<br>- |
| 209.59         | 274.03                 | <b>0.76– NON VERIFICATO</b>    |

### 9.2.4 Verifiche del plinto (STR)

#### Verifica del tirante del traliccio



| geometria del plinto   |                        |                                             |
|------------------------|------------------------|---------------------------------------------|
| interasse pali $l$ (m) | altezza plinto $h$ (m) | distanza asse palo - filo paramento $d$ (m) |
| 1.30                   | 1.80                   | 1.45                                        |

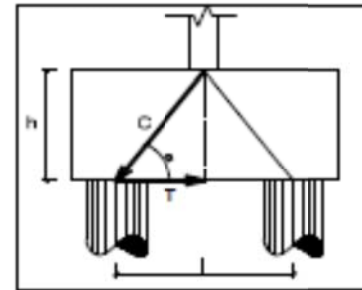
| solicitazioni massime agenti sul singolo palo |       |
|-----------------------------------------------|-------|
| N (t)                                         | V (t) |
| 57.60                                         | 32.50 |

Calcolo del plinto con il Metodo delle bielle compresse

calcolo del massimo sforzo di trazione nelle barre T (t)

|                  |       |
|------------------|-------|
| $T = N/tg\alpha$ | 46.40 |
|------------------|-------|

| calcolo armatura necessaria (cm <sup>2</sup> ) | armatura disp. (cm <sup>2</sup> ) |
|------------------------------------------------|-----------------------------------|
| $A_{s,req} = T / f_{ym}$                       | 37.17                             |
| 12.13                                          |                                   |



|              |        |
|--------------|--------|
| $T_{ns}$ (t) | 142.20 |
|--------------|--------|

|  |               |
|--|---------------|
|  | cavallotti    |
|  | 1Ø24/ 50 x 50 |

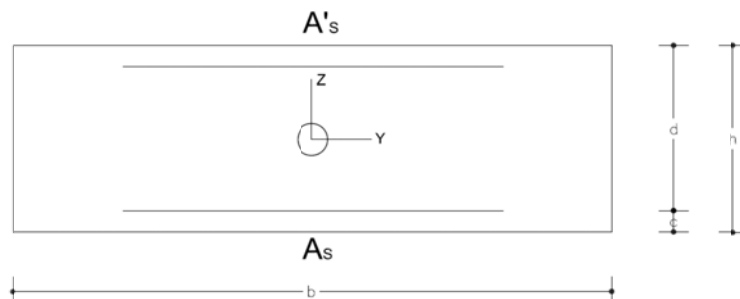
|  |                 |
|--|-----------------|
|  | ferri di parete |
|  | 3Ø16            |

|  |                |
|--|----------------|
|  | rete superiore |
|  | Ø20/25         |

|  |                |
|--|----------------|
|  | rete inferiore |
|  | Ø26/25         |

### 9.2.5 Verifiche della sovrastruttura (STR)

Le caratteristiche geometriche, le armature delle sezioni e le azioni sollecitanti e resistenti di progetto sono riferite all'immagine di seguito riportata.



Le verifiche sono state svolte per la combinazione di azioni più gravosa.

Nel caso del paramento la combinazione più gravosa è quella data dalle spinte esercitate dal terreno e dalle forze di inerzia in condizione sismica rivolte dalla spalla verso l'impalcato e ad esso parallele.

I muri andatori sono stati verificati rispetto alle spinte del terreno a tergo della spalla ed alle forze d'inerzia in condizioni sismiche.

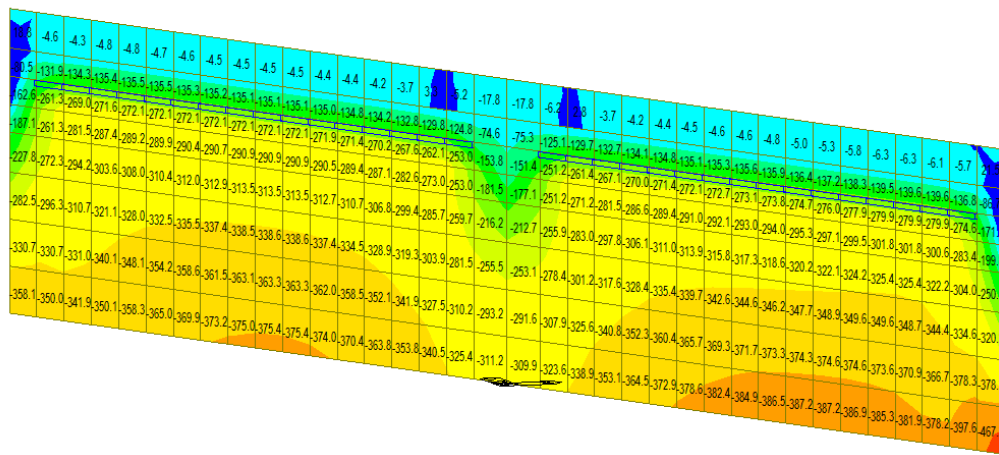
Le verifiche locali del paraghiaia sono state eseguite nel caso in cui il verso dell'azione di frenamento è quello che va dalla spalla verso l'impalcato.

#### Verifiche del paramento (SLV)

| <b>b [m]</b> | <b>h [m]</b> | <b>c = c' [m]</b> | <b>A<sub>s</sub></b> | <b>A'<sub>s</sub></b> |
|--------------|--------------|-------------------|----------------------|-----------------------|
| 1.00         | 1.40         | 0.04              | Φ26/25               | Φ16/25                |

Le figure che seguono mostrano le caratteristiche della sollecitazione calcolate sul paramento della spalla

Prolungamento sottopasso PK 24+497-Relazione di calcolo



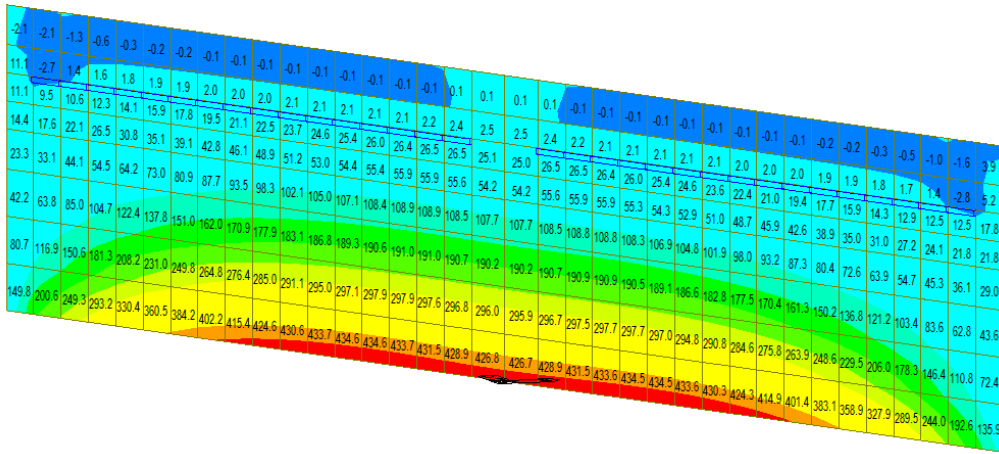
midas Gen  
POST-PROCESSOR  
PLATE FORCE

FORCE-Fyy

- 6.11375e+001
- 0.00000e+000
- 3.49404e+001
- 8.29793e+001
- 1.31018e+002
- 1.79057e+002
- 2.27096e+002
- 2.75135e+002
- 3.23174e+002
- 3.71213e+002
- 4.19252e+002
- 4.67291e+002

CB: VERIFICA + Avg Nodal  
MAX : 822  
MIN : 810  
FILE: Spalla 119  
UNIT: kN/m  
DATE: 09/23/2013

VIEW-DIRECTION  
X: -0.355  
Y: -0.926  
Z: 0.131



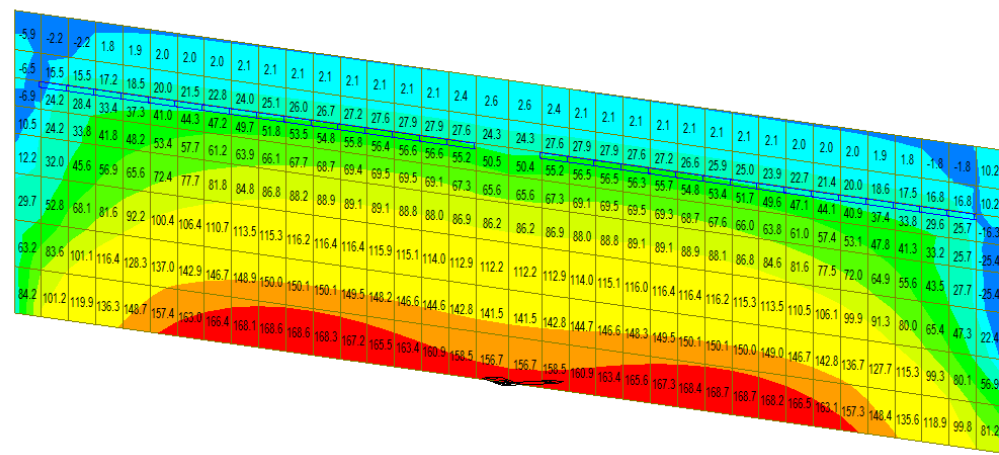
midas Gen  
POST-PROCESSOR  
PLATE FORCE

MOMENT-Myy

- 4.34608e+002
- 3.94847e+002
- 3.55087e+002
- 3.15326e+002
- 2.75565e+002
- 2.35804e+002
- 1.96044e+002
- 1.56283e+002
- 1.16522e+002
- 7.67615e+001
- 0.00000e+000
- 2.75999e+000

CB: VERIFICA + Avg Nodal  
MAX : 1097  
MIN : 822  
FILE: Spalla 119  
UNIT: kN\*m/m  
DATE: 09/23/2013

VIEW-DIRECTION  
X: -0.355  
Y: -0.926  
Z: 0.131



midas Gen  
POST-PROCESSOR  
PLATE FORCE

SHEAR-Vyy

- 1.68718e+002
- 1.51074e+002
- 1.33429e+002
- 1.15784e+002
- 9.81394e+001
- 8.04947e+001
- 6.28499e+001
- 4.52052e+001
- 2.75605e+001
- 9.91573e+000
- 0.00000e+000
- 2.53737e+001

CB: VERIFICA + Avg Nodal  
MAX : 959  
MIN : 818  
FILE: Spalla 119  
UNIT: kN/m  
DATE: 09/23/2013

VIEW-DIRECTION  
X: -0.355  
Y: -0.926  
Z: 0.131

| Verifica a Pressoflessione |                    |                 |                    |             |
|----------------------------|--------------------|-----------------|--------------------|-------------|
| $N_{sd}$ [kN/m]            | $M_{y,sd}$ [kNm/m] | $N_{Rd}$ [kN/m] | $M_{y,Rd}$ [kNm/m] | FS          |
| 370.4                      | 434.6              | 2098.2          | 2461.9             | <b>5.66</b> |

Verifiche a taglio - D.M. 14-01-2008

Materiali

| Calcestruzzo |      |
|--------------|------|
| Rck [Mpa]    | 25   |
| fck [Mpa]    | 20.8 |
| fc'd [Mpa]   | 11.8 |

| Acciaio   |       |
|-----------|-------|
| fyk [Mpa] | 431   |
| fyd [Mpa] | 374.8 |

|               |        |
|---------------|--------|
| k             | 1.38   |
| $v_{min}$     | 0.26   |
| $\rho_l$      | 0.0016 |
| $\sigma_{cp}$ | 0.2646 |

|                   |             |
|-------------------|-------------|
| $\nu$             | 0.5         |
| $(\sigma_{cp})^*$ | 0.264571429 |
| $\alpha_c$        | 1.022500759 |
| $\omega_{sw}$     | 0.014       |
| cotg $\theta$     | 5.871       |
| cotg $\theta^*$   | 2.500       |

Geometria sezione

|        |      |
|--------|------|
| b [mm] | 1000 |
| h [mm] | 1400 |
| c [mm] | 40   |
| d [mm] | 1360 |

Armatura longitudinale

|                         |         |
|-------------------------|---------|
| n° barre                | 4       |
| diametro                | 26      |
| Area [mm <sup>2</sup> ] | 2122.64 |

Armatura trasversale

|                             |        |
|-----------------------------|--------|
| Staffe $\Phi$               | 12     |
| n° bracci                   | 2      |
| $A_{sw}$ [mm <sup>2</sup> ] | 226.08 |
| s [mm]                      | 500    |

Sollecitazioni di calcolo

|               |        |
|---------------|--------|
| $N_{Ed}$ [kN] | 370.4  |
| $V_{Ed}$ [kN] | 168.71 |

VERIFICA

Sezione non armata a taglio

|               |            |
|---------------|------------|
| $V_{Rd}$ [kN] | 406.81     |
|               | Verificato |

Sezione armata a taglio

Crisi armatura a taglio

|               |            |
|---------------|------------|
| $V_{Rd}$ [kN] | 518.55     |
| $V_{Rd}$ [kN] | 2537.25    |
| $V_{Rd}$ [kN] | 518.55     |
|               | Verificato |



Verifiche del paraghiaia - sp. 0.25m (SLU)

Le verifiche locali del paraghiaia sono state eseguite nel caso in cui il verso della frenatura è quello che va dalla spalla verso l'impalcato.

| b [m] | h [m] | c = c' [m] | A <sub>s</sub> | A' <sub>s</sub> |
|-------|-------|------------|----------------|-----------------|
| 1.98  | 0.25  | 0.03       | Φ12/25         | Φ16/25          |

| Verifica a Pressoflessione |                         |                        |                         |             |
|----------------------------|-------------------------|------------------------|-------------------------|-------------|
| N <sub>sd</sub> [kN]       | M <sub>y,sd</sub> [kNm] | N <sub>Rd</sub> [kN/m] | M <sub>y,Rd</sub> [kNm] | FS          |
| 158.32                     | 94.50                   | 168.0                  | 100.3                   | <b>1.06</b> |

| Verifiche a taglio - D.M. 14-01-2008 |             |                   |      |                                    |          |                             |        |
|--------------------------------------|-------------|-------------------|------|------------------------------------|----------|-----------------------------|--------|
| Materiali                            |             | Geometria sezione |      | Armatura longitudinale             |          | Solicitazioni di calcolo    |        |
| <i>Calcestruzzo</i>                  |             | b [mm]            | 1980 | n° barre                           | 7.92     | N <sub>Rd</sub> [kN]        | 158.32 |
| R <sub>ck</sub> [Mpa]                | 25          | h [mm]            | 250  | diametro                           | 12       | V <sub>Rd</sub> [kN]        | 135    |
| f <sub>ck</sub> [Mpa]                | 20.8        | c [mm]            | 30   | Area [mm <sup>2</sup> ]            | 895.2768 |                             |        |
| f <sub>cd</sub> [Mpa]                | 11.8        | d [mm]            | 220  |                                    |          |                             |        |
| <i>Acciaio</i>                       |             |                   |      | <i>Armatura trasversale</i>        |          | <b>VERIFICA</b>             |        |
| f <sub>yk</sub> [Mpa]                | 431         |                   |      | Staffe Φ                           | 12       | Sezione non armata a taglio |        |
| f <sub>yd</sub> [Mpa]                | 374.8       |                   |      | n° bracci                          | 2        | V <sub>Rd</sub> [kN]        | 210.51 |
|                                      |             |                   |      | A <sub>sv</sub> [mm <sup>2</sup> ] | 226.08   | Verificato                  |        |
|                                      |             |                   |      | s [mm]                             | 500      |                             |        |
| k                                    | 1.95        |                   |      |                                    |          |                             |        |
| v <sub>min</sub>                     | 0.44        |                   |      |                                    |          |                             |        |
| ρ <sub>l</sub>                       | 0.0021      |                   |      |                                    |          |                             |        |
| σ <sub>wp</sub>                      | 0.3198      |                   |      |                                    |          |                             |        |
| v'                                   | 0.5         |                   |      |                                    |          |                             |        |
| (σ <sub>wp</sub> ) <sup>*</sup>      | 0.319838384 |                   |      |                                    |          |                             |        |
| α <sub>s</sub>                       | 1.027200996 |                   |      |                                    |          |                             |        |
| ω <sub>sw</sub>                      | 0.007       |                   |      |                                    |          |                             |        |
| cotgθ                                | 8.340       |                   |      |                                    |          |                             |        |
| cotgθ <sup>*</sup>                   | 2.500       |                   |      |                                    |          |                             |        |

Verifiche del paraghiaia - sp. 0.35m (SLU)

| b [m] | h [m] | c = c' [m] | A <sub>s</sub> | A' <sub>s</sub> |
|-------|-------|------------|----------------|-----------------|
| 4.98  | 0.25  | 0.03       | Φ16/25         | Φ16/25          |

| Verifica a Pressoflessione |                         |                        |                         |             |
|----------------------------|-------------------------|------------------------|-------------------------|-------------|
| N <sub>sd</sub> [kN]       | M <sub>y,sd</sub> [kNm] | N <sub>Rd</sub> [kN/m] | M <sub>y,Rd</sub> [kNm] | FS          |
| 372.21                     | 324.0                   | 733.5                  | 638.5                   | <b>1.97</b> |

**Materiali**

| Calcestruzzo          |      |
|-----------------------|------|
| R <sub>ck</sub> [Mpa] | 25   |
| f <sub>ck</sub> [Mpa] | 20.8 |
| f <sub>cd</sub> [Mpa] | 11.8 |

| Acciaio               |       |
|-----------------------|-------|
| f <sub>yk</sub> [Mpa] | 431   |
| f <sub>yd</sub> [Mpa] | 374.8 |

|                  |        |
|------------------|--------|
| k                | 1.79   |
| v <sub>min</sub> | 0.38   |
| ρ <sub>i</sub>   | 0.0025 |
| σ <sub>cp</sub>  | 0.2135 |

|                     |             |
|---------------------|-------------|
| ν                   | 0.5         |
| (σ <sub>cp</sub> )* | 0.213545611 |
| α <sub>c</sub>      | 1.018161214 |
| ω <sub>sw</sub>     | 0.003       |
| cotgθ               | 13.225      |
| cotgθ*              | 2.500       |

**Geometria sezione**

|        |      |
|--------|------|
| b [mm] | 4980 |
| h [mm] | 350  |
| c [mm] | 30   |
| d [mm] | 320  |

**Armatura longitudinale**

|                         |           |
|-------------------------|-----------|
| n° barre                | 19.92     |
| diametro                | 16        |
| Area [mm <sup>2</sup> ] | 4003.1232 |

**Armatura trasversale**

|                                    |        |
|------------------------------------|--------|
| Staffe Φ                           | 12     |
| n° bracci                          | 2      |
| A <sub>sw</sub> [mm <sup>2</sup> ] | 226.08 |
| s [mm]                             | 500    |

**Sollecitazioni di calcolo**

|                      |        |
|----------------------|--------|
| N <sub>Ed</sub> [kN] | 372.21 |
| V <sub>Ed</sub> [kN] | 270    |

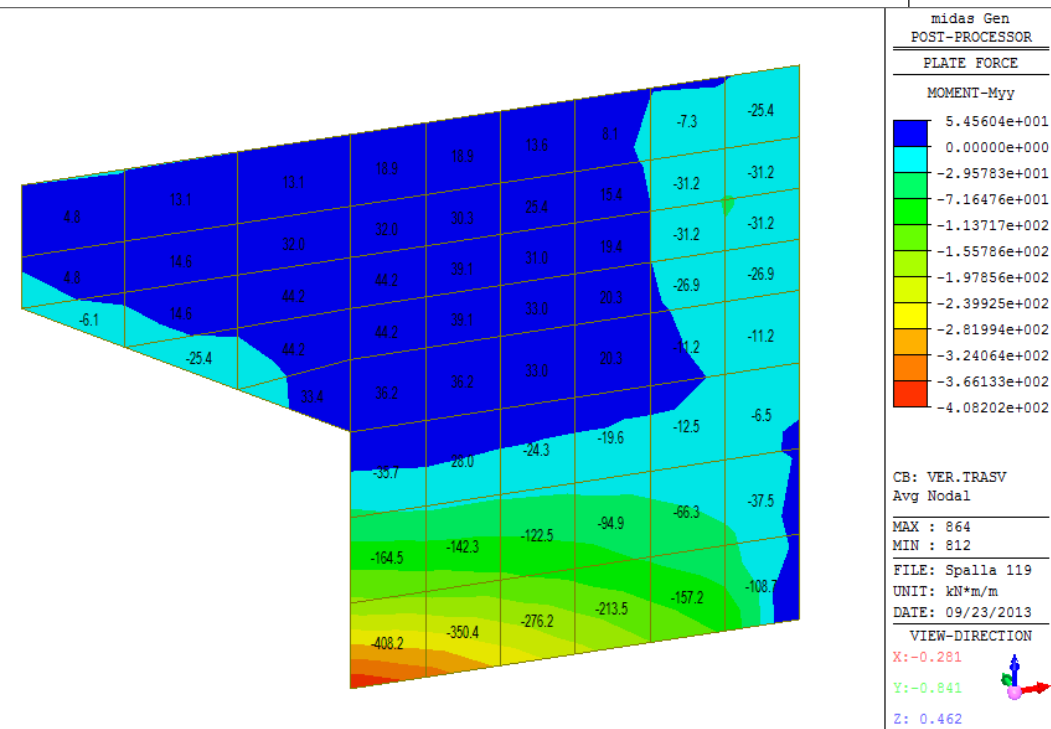
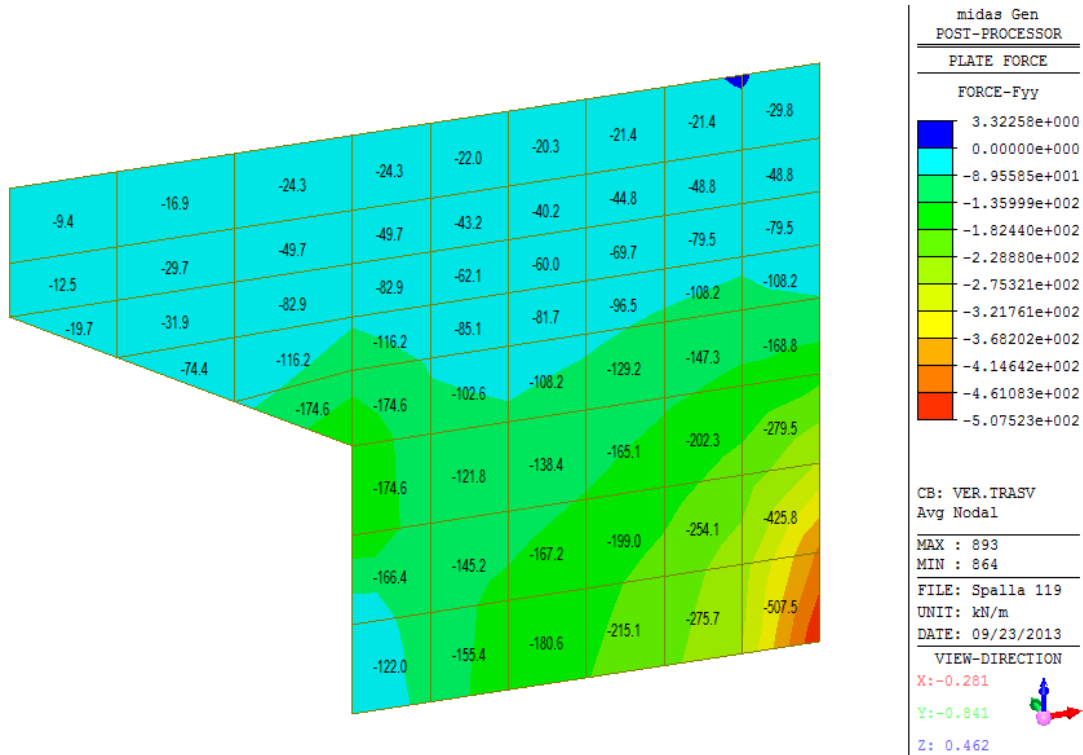
**VERIFICA**

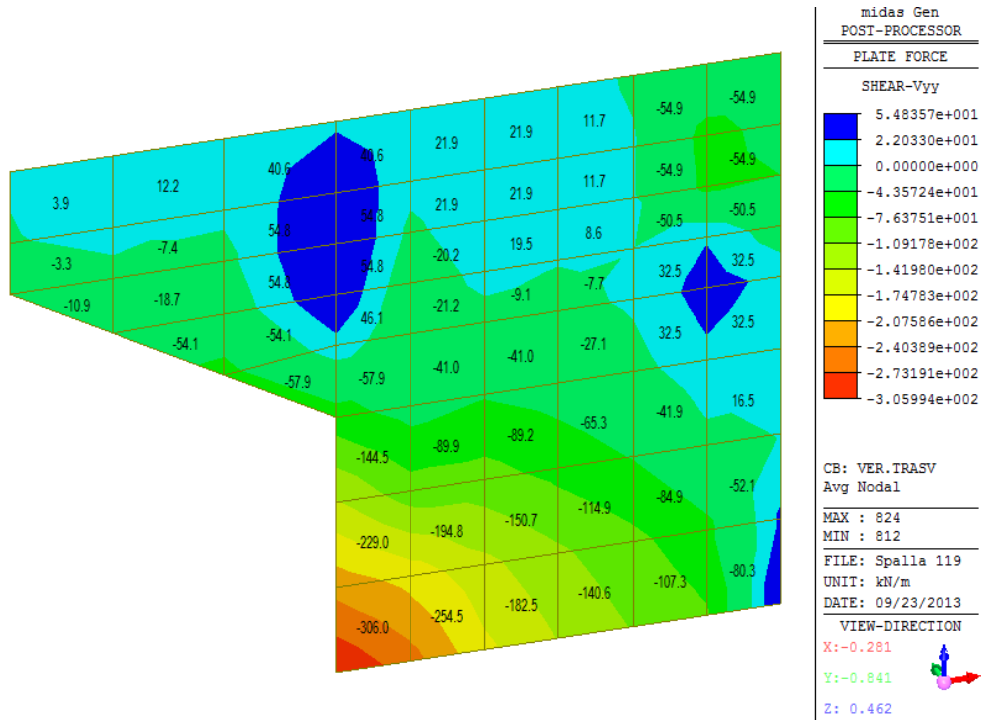
| Sezione non armata a taglio |            |
|-----------------------------|------------|
| V <sub>Rd</sub> [kN]        | 659.80     |
|                             | Verificato |

*Verifiche dei muri andatori*

| <b>b [m]</b> | <b>h [m]</b> | <b>c = c' [m]</b> | <b>A<sub>s</sub></b> | <b>A'<sub>s</sub></b> |
|--------------|--------------|-------------------|----------------------|-----------------------|
| 1.00         | 1.00         | 0.04              | Φ20/25 + Φ16/50      | Φ16/25                |

Le figure che seguono mostrano le caratteristiche della sollecitazione calcolate sul muro andatore.





| Verifica a Pressoflessione |                    |                 |                    |             |
|----------------------------|--------------------|-----------------|--------------------|-------------|
| $N_{sd}$ [kN/m]            | $M_{y,sd}$ [kNm/m] | $N_{Rd}$ [kN/m] | $M_{y,Rd}$ [kNm/m] | FS          |
| 155.4                      | 350.4              | 366.2           | 825.8              | <b>2.36</b> |

Verifiche a taglio - D.M. 14-01-2008

Materiali

|                     |      |
|---------------------|------|
| <i>Calcestruzzo</i> |      |
| Rck [Mpa]           | 25   |
| fck [Mpa]           | 20.8 |
| fc,d [Mpa]          | 11.8 |

|                |       |
|----------------|-------|
| <i>Acciaio</i> |       |
| fyk [Mpa]      | 431   |
| fyd [Mpa]      | 374.8 |

|               |        |
|---------------|--------|
| k             | 1.46   |
| $v_{min}$     | 0.28   |
| $\rho_l$      | 0.0017 |
| $\sigma_{cp}$ | 0.1554 |

|                   |             |
|-------------------|-------------|
| $\nu$             | 0.5         |
| $(\sigma_{cp})^*$ | 0.1554      |
| $\alpha_c$        | 1.013216159 |
| $\omega_{sw}$     | 0.014       |
| cotg $\theta$     | 5.844       |
| cotg $\theta^*$   | 2.500       |

Geometria sezione

|        |      |
|--------|------|
| b [mm] | 1000 |
| h [mm] | 1000 |
| c [mm] | 40   |
| d [mm] | 960  |

Armatura longitudinale

|                         |           |
|-------------------------|-----------|
| n° barre                | 6         |
| diametro                | 4f20+2f16 |
| Area [mm <sup>2</sup> ] | 1659      |

Armatura trasversale

|                             |        |
|-----------------------------|--------|
| Staffe $\Phi$               | 12     |
| n° bracci                   | 2      |
| $A_{sw}$ [mm <sup>2</sup> ] | 226.08 |
| s [mm]                      | 500    |

Sollecitazioni di calcolo

|               |       |
|---------------|-------|
| $N_{Ed}$ [kN] | 155.4 |
| $V_{Ed}$ [kN] | 254.5 |

VERIFICA

|                                    |            |
|------------------------------------|------------|
| <b>Sezione non armata a taglio</b> |            |
| $V_{Rd}$ [kN]                      | 291.40     |
|                                    | Verificato |
| <b>Sezione armata a taglio</b>     |            |
| <i>Crisi armatura a taglio</i>     |            |
| $V_{Rsd}$ [kN]                     | 366.04     |
| $V_{Rcd}$ [kN]                     | 1774.74    |
| $V_{Rd}$ [kN]                      | 366.04     |
|                                    | Verificato |

## 9.3 Verifiche agli Stati Limite Ultimi nello stato di progetto

### 9.3.1 Premessa

In questo paragrafo, per le combinazioni più gravose, si riportano le verifiche del nuovo muro andatore (SLU), dei tiranti (SLV) e dell'impalcato (SLU). Si omettono invece la verifica del paramento e quella locale del muro paraghiaia in quanto, a parità di geometria delle sezioni e di azioni con lo stato di fatto, si hanno migliori caratteristiche meccaniche dei materiali.

### 9.3.2 Azioni sui tiranti

Il numero, la tipologia e la lunghezza di ancoraggio dei tiranti è stato dimensionato per assorbire, oltre all'azione tagliante sollecitante di progetto nello stato di fatto  $V_{sdf}$  dell'opera, pari a 10413.0 kN, anche l'incremento dovuto all'allargamento. Si riportano di seguito i carichi indotti dall'allargamento dell'impalcato di 2.8m sulla spalla lato Bardonecchia.

Si faccia riferimento alle seguenti figure ed agli elaborati di progetto per una migliore comprensione.

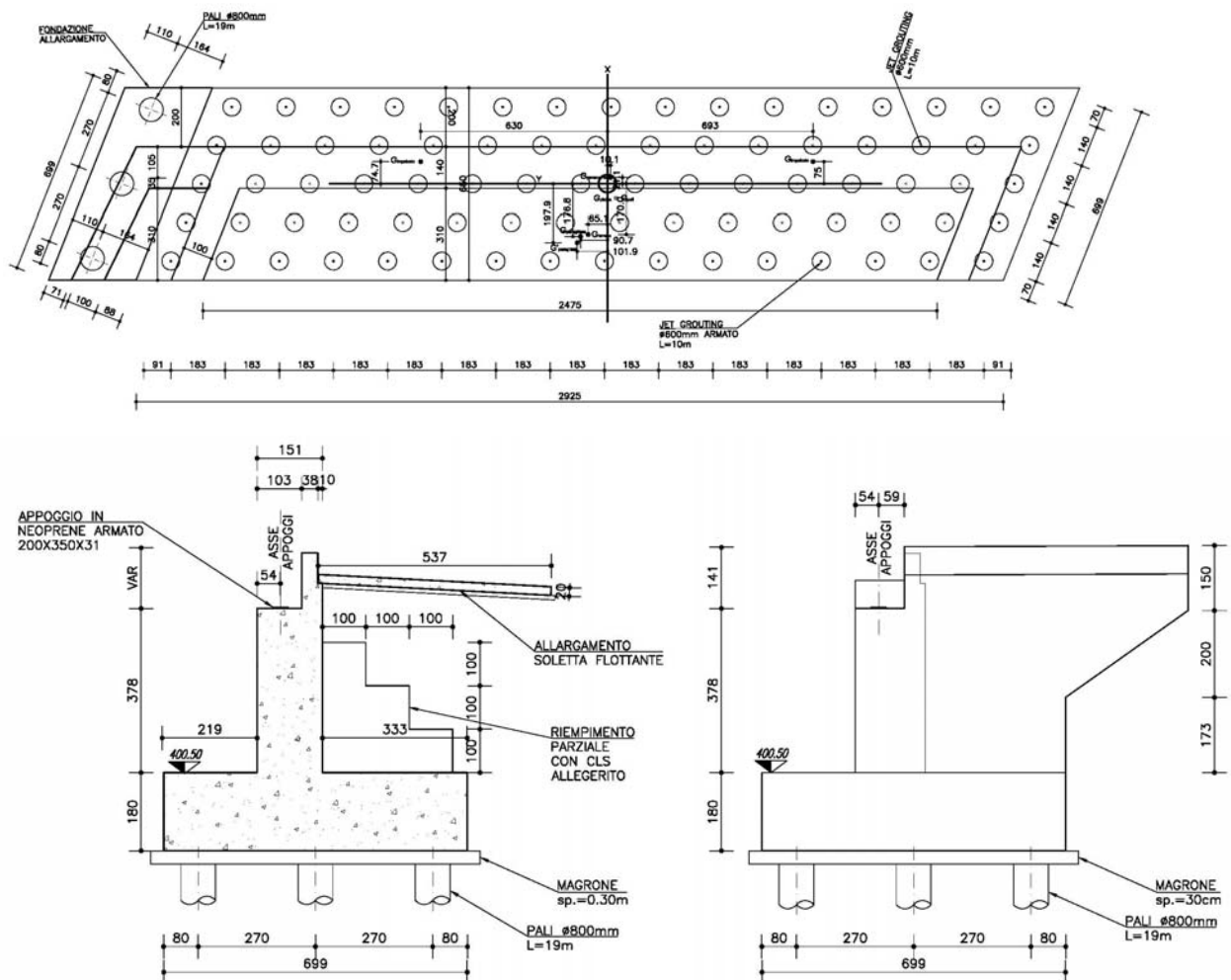


Figura 13 – Geometria di calcolo della spalla lato Bardonecchia nello stato di progetto

*Incremento peso della spalla (kN)*

$$\Delta N_{Pm} = \Delta W_{platea} + \Delta W_{spalla} = 862.9 + 868.7 = 1731.6$$

*Incremento peso del riempimento a monte (kN)*

$$\Delta N_{Pt} = \Delta W_{terreno} = 646.5$$

*Incremento peso del terreno a valle e laterale (kN)*

$$\Delta N_{Pt,v-l} = \Delta W_{terreno,v} + \Delta W_{terreno,l} = 47.4 + 655.9 = 703.3$$

*Sforzo normale dovuto al sovraccarico accidentale q a monte (kN/m)*

$$N_q = q B_q = 67.8$$

*Incremento scarico verticale allargamento impalcato (kN)*

$$\Delta N_{Imp} = 301.4$$

*Incremento scarico verticale accidentale allargamento impalcato (kN)*

$$\Delta N_{q,Imp} = 547.8$$

*Risultante spinta statica del terreno (kN/m)*

$$S_{st} = 0.5 k_a \gamma H_{tot}^2 = 140.5$$

*Risultante incremento di spinta sismica terreno (kN/m)*

$$S_{st} = 0.5 (k_{aE} - k_a) \gamma H_{tot}^2 = 63.5$$

*Incremento forze d'inerzia del muro (kN)*

$$\Delta F_{im} = \Delta W_{spalla} k_h = 171.6$$

*Incremento forza d'inerzia allargamento impalcato (kN)*

$$\Delta F_{ii} = \Delta N_{Imp} k_h = 86.9$$

*Forza d'inerzia del terreno a monte – Sisma direzione parallela asse impalcato (kN)*

$$F_{it-long} = \Delta W_{terreno} k_h = 127.8$$

*Forza d'inerzia del terreno a monte – Sisma direzione trasversale asse impalcato (kN)*

$$F_{it-trasv} = \Delta W_{terr} k_h = 127.8$$

### Incremento del tagliante sismico allo SLV

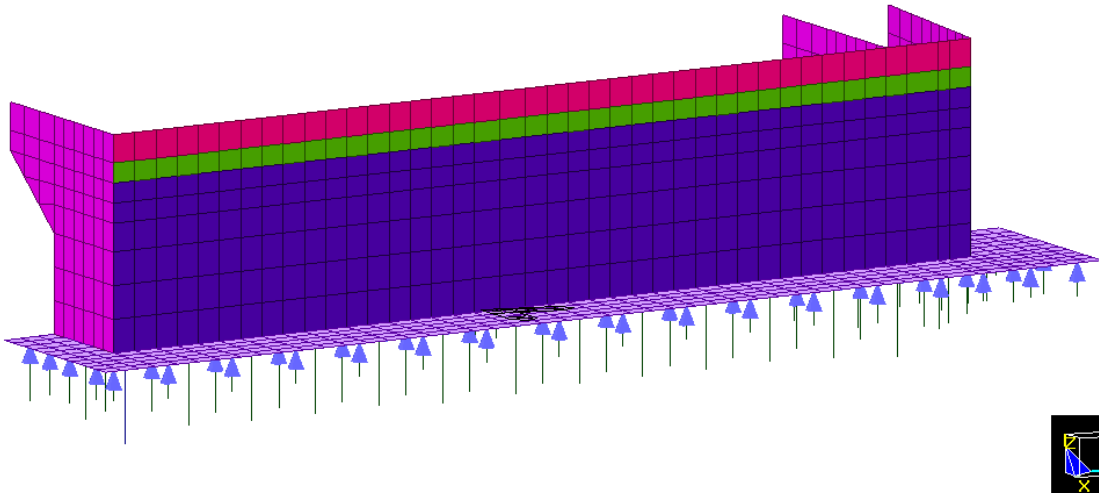
$$\Delta V = 936.2 \text{ kN}$$

### Tagliante sismico allo SLV (tiranti)

$$V_{\text{sdp,tir}} = V_{\text{sdf}} + \Delta V = (10413.0 + 936.2) \text{ kN} = 11349.2 \text{ kN}$$

### **9.3.3 Azioni sui pali**

E' stato realizzato un modello FEM della spalla per determinare la distribuzione dei carichi nella configurazione di progetto tra strutture di fondazione preesistenti e nuove strutture di fondazione. Nel modello, comprensivo della zattera di fondazione, i vincoli traslazionale orizzontali e verticali esercitati dai pali e dalle colonne in jet grouting sono stati modellati mediante vincoli elastici la cui rigidezza è stata opportunamente tarata in funzione della effettiva deformabilità delle suddette strutture di fondazione profonde.



**Figura 14** – Modello della struttura nello stato di progetto con sforzo assiale sui pali

Con riferimento alla seguente immagine, si riportano le azioni sollecitanti caratteristiche dell'allargamento della zattera; dopodiché si riportano per i nuovi pali trivellati  $\Phi 800$  e per le colonne di jet grouting esistenti le azioni assiali, taglianti e flettenti (queste ultime solo per i pali  $\Phi 800$ , in quanto impediti di ruotare in testa) per le combinazioni sismiche e non del tipo A1 + M1 + R3.

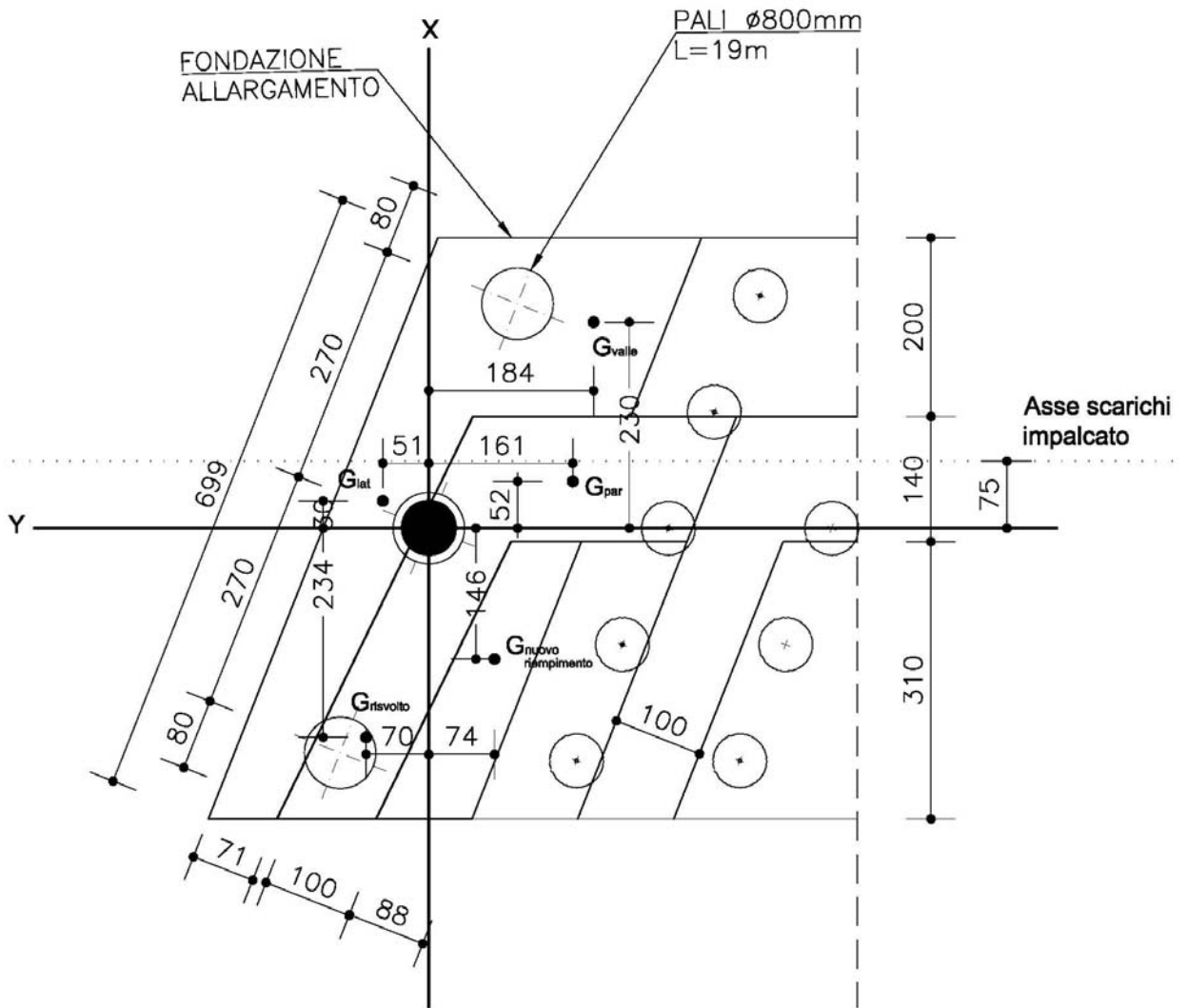


Figura 15 – Stralcio della geometria della fondazione in corrispondenza dell'allargamento

*Peso dell'allargamento della spalla (kN)*

$$N_{P,sdp} = W_{platea,sdp} + W_{spalla,sdp} = 862.9 + 695.2 = 1558.1$$

*Peso del nuovo riempimento a monte (kN)*

$$N_{Pt,sdp} = W_{tm,sdp} = 284.8$$

*Sforzo normale dovuto al sovraccarico accidentale q a monte (kN)*

$$N_{q,sdp} = 57.7$$

*Peso del terreno a valle e laterale (kN)*

$$N_{Pt,v-l sdp} = W_{terreno,v sdp} + W_{terreno,l sdp} = 47.4 + 655.9 = 1058.3$$



*Scarico verticale peso proprio e permanente allargamento impalcato (kN)*

$$N_{\text{Imp}} = 365.1$$

*Scarico verticale carichi mobili allargamento impalcato (kN)*

$$N_{q,\text{Imp}} = 446.4$$

Sforzi (SLU) su pali  $\Phi 800$ :

$$N_{\text{max}} = 823.7 \text{ kN}$$

Sforzi (SLV – Sisma Trasversale) su pali  $\Phi 800$ :

$$N_{\text{max}} = 869.5 \text{ kN}$$

$$V_{\text{max}} = 429.0 \text{ kN}$$

Sforzi (SLU) su colonne jet grouting  $\Phi 600$ :

$$N_{\text{max}} = 823.7 \text{ kN}$$

Sforzi (SLV – Sisma Trasversale) su colonne jet grouting  $\Phi 600$ :

$$N_{\text{max}} = 466.0 \text{ kN}$$

$$V_{\text{max}} = 69.31 \text{ kN}$$

Dall'analisi dei valori delle azioni appena riportate, si evince che le verifiche sulle strutture di fondazione esistenti risultano soddisfatte in quanto le sollecitazioni su di esse agenti non superano i valori di resistenza già calcolati per lo stato di fatto.

### 9.3.4 Verifiche dei pali trivellati $\Phi 800 - L_P = 19 \text{ m}$ (STR/GEO)

#### Carico limite dei pali trivellati (GEO)

I nuovi pali ricadono per tutto il loro sviluppo verticale nell'unità geotecnica UG3, tranne che alla profondità compresa tra 15m e 16m dal piano campagna, in cui il terreno di riferimento è l'unità geotecnica UG4..

La resistenza alla punta di calcolo è pari a:

$$P_d = (\sigma'_{VL} N_q \pi d^2/4) / (\xi_3 \gamma_{R3}) = 2494.41 \text{ kN}$$

in quanto

$$\sigma'_{VL} = 19 \text{ kN/m}^3 * 2.8 \text{ m} + (21 - 10) \text{ kN/m}^3 * (12 + 6) \text{ m} + (20 - 10) \text{ kN/m}^3 * 1 \text{ m} = 261.2 \text{ kN/m}^2$$

$$d = 0.80 \text{ m}$$

$$N_q = N_q(\varphi' = 34, L/D = 23.75) = 37.19$$

$$\xi_3 = 1.45$$

$$\gamma_{R3} = 1.35$$

La resistenza laterale in compressione di calcolo è invece pari a:

$$S_d = [\pi d \sum (\sigma'_{vm_i} \mu_i k_i L_i + a_i L_i)] / (\xi_3 \gamma_{R3}) = 1506.99 \text{ kN}$$

essendo:

| Unità geotecnica | $z_i$<br>[m] | $\Delta H_i$<br>[m] | $\gamma$<br>[kN/m <sup>3</sup> ] | $\gamma'$<br>[kN/m <sup>3</sup> ] | $\phi$<br>[°] | $\mu_i$<br>[-] | $k_i$<br>[-] | $c_u$<br>[kPa] | $\alpha$<br>[-] | $a_i$<br>[kPa] |
|------------------|--------------|---------------------|----------------------------------|-----------------------------------|---------------|----------------|--------------|----------------|-----------------|----------------|
| UG1              | 2.8          | 2.8                 | 19                               | 19                                | 28            | 0.532          | 0            | 0              | 0               | 0              |
| UG3              | 15           | 12                  | 21                               | 11                                | 37            | 0.754          | 0.45         | 0              | 0               | 0              |
| UG4              | 16           | 1                   | 20                               | 10                                | 28            | 0.532          | 0.45         | 5              | 1               | 5              |
| UG1              | 22           | 6                   | 21                               | 11                                | 37            | 0.754          | 0.45         | 0              | 0               | 0              |

| Unità geotecnica | $\sigma'_{zi}$<br>[kN/m <sup>2</sup> ] | $\sigma'_{mi}$<br>[kN/m <sup>2</sup> ] | $s_i$<br>[kN/m <sup>2</sup> ] | $S_i$<br>[kN]  |
|------------------|----------------------------------------|----------------------------------------|-------------------------------|----------------|
| UG1              | 53.2                                   | -                                      | -                             | -              |
| UG3              | 185.2                                  | 119.2                                  | 40.42                         | 1219.06        |
| UG4              | 195.2                                  | 190.2                                  | 50.51                         | 126.94         |
| UG1              | 261.2                                  | 228.2                                  | 77.38                         | 1166.90        |
|                  |                                        |                                        |                               | <b>2512.90</b> |

$$\xi_3 = 1.45$$

$$\gamma_{R3} = 1.15$$

$$d = 0.80 \text{ m}$$

Il carico limite di calcolo è pertanto pari  $P_d + S_d = 4001.40 \text{ kN}$ .

Resistenza a compressione assiale (STR)

| $f_{ck}$ | $\gamma_j$ | $f_{cd}$ | $d$ | Area            | $N_{j,Rd}$     |
|----------|------------|----------|-----|-----------------|----------------|
| Mpa      | -          | MPa      | mm  | mm <sup>2</sup> | kN             |
| 29.05    | 1.50       | 16.46    | 800 | 502655          | <b>8274.54</b> |

Verifiche

| $N_{Sd}$ | COMPRESSIONE (STR) |                  | CARICO LIMITE (GEO) |                   |
|----------|--------------------|------------------|---------------------|-------------------|
|          | $N_{Rd}$           | $N_{Rd}/N_{max}$ | $Q_{LIM}$           | $Q_{LIM}/N_{max}$ |
| kN       | kN                 | -                | kN                  | -                 |
| 869.50   | 8274.54            | <b>9.52</b>      | 4001.40             | <b>4.60</b>       |

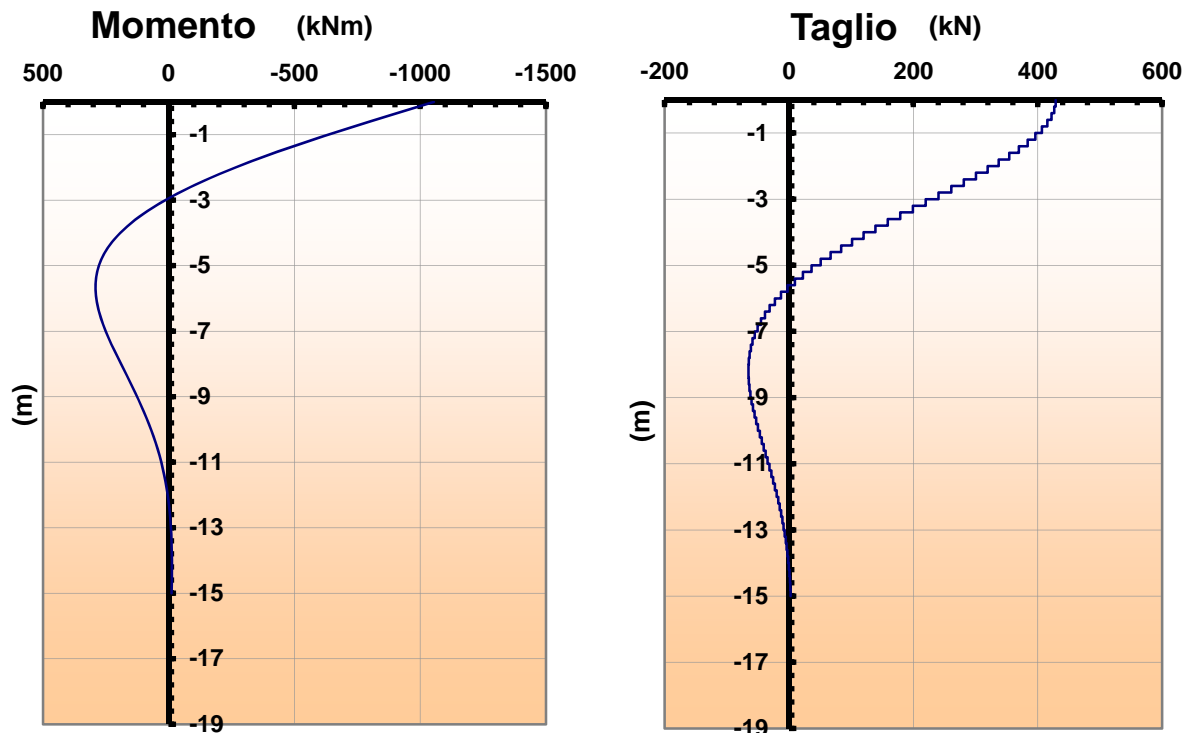
Si evidenzia che la verifica a carico limite risulta abbondantemente soddisfatta in quanto la lunghezza del palo non è stata dimensionata per esigenze di capacità portante, bensì per avere una cedevolezza molto limitata della nuova parte di fondazione.

Pressoflessione e taglio dei pali trivellati (STR)

Il momento flettente agente sulla testa dei pali è stato determinato mediante la teoria di Matlok e Reese per i pali impediti di ruotare in testa.

| $d$ [m] | $c = c'$ [m] | $A_s$        |
|---------|--------------|--------------|
| 0.80    | 0.04         | 24 $\Phi$ 24 |

La figura che segue mostra la distribuzione del momento e del taglio lungo lo sviluppo in verticale del palo.



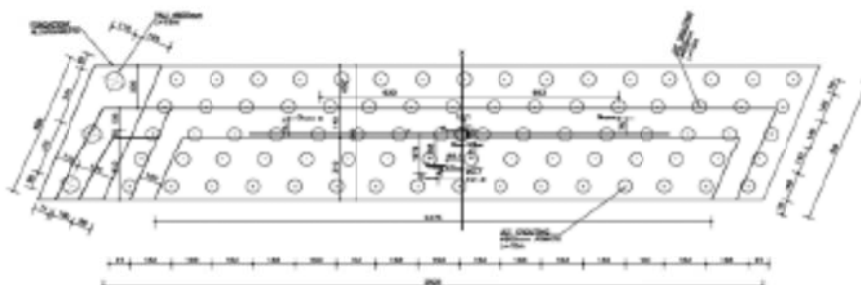
| Verifica a Pressoflessione |                    |                 |                    |             |
|----------------------------|--------------------|-----------------|--------------------|-------------|
| $N_{sd}$ [kN/m]            | $M_{y,sd}$ [kNm/m] | $N_{Rd}$ [kN/m] | $M_{y,Rd}$ [kNm/m] | FS          |
| 869.5                      | 1054.3             | 1166.1          | 1414.0             | <b>1.34</b> |

| Materiali           |             | Verifiche a taglio - D.M. 14-01-2008 |        | Sollecitazioni di calcolo          |            |
|---------------------|-------------|--------------------------------------|--------|------------------------------------|------------|
| <i>Calcestruzzo</i> |             | <i>Geometria sezione</i>             |        | <i>Armatura longitudinale</i>      |            |
| Rck [Mpa]           | 35          | b [mm]                               | 550    | n° barre                           |            |
| fck [Mpa]           | 29.1        | h [mm]                               | 550    | diametro                           |            |
| fed [Mpa]           | 16.5        | c [mm]                               | 40     | Area [mm <sup>2</sup> ]            | 0          |
|                     |             | d [mm]                               | 510    |                                    |            |
| <i>Acciaio</i>      |             | <i>Armatura trasversale</i>          |        | <i>VERIFICA</i>                    |            |
| fyk [Mpa]           | 450         | Staffe $\Phi$                        | 14     | <i>Sezione non armata a taglio</i> |            |
| fyd [Mpa]           | 391.3       | n° bracci                            | 2      | $V_{Rd}$ [kN]                      | 230.60     |
|                     |             | $A_{sw}$ [mm <sup>2</sup> ]          | 307.72 |                                    | Armare!!!  |
|                     |             | s [mm]                               | 150    | <i>Sezione armata a taglio</i>     |            |
| k                   | 1.63        |                                      |        | <i>Crisi biella ed armatura</i>    |            |
| $v_{min}$           | 0.39        |                                      |        | $V_{Rsd}$ [kN]                     | 873.76     |
| $\rho_l$            | 0.0000      |                                      |        | $V_{Rcd}$ [kN]                     | 873.76     |
| $\sigma_{cp}$       | 2.8727      |                                      |        |                                    |            |
| $l'$                | 0.5         |                                      |        | $V_{Rd}$ [kN]                      | 873.76     |
| $(\sigma_{cp})^*$   | 2.872727273 |                                      |        |                                    | Verificato |
| $\alpha_c$          | 1.174510111 |                                      |        |                                    |            |
| $\omega_{sw}$       | 0.089       |                                      |        |                                    |            |
| cotg $\theta$       | 2.371       |                                      |        |                                    |            |
| cotg $\theta^*$     | 2.371       |                                      |        |                                    |            |

Per la verifica a taglio si è considerata la sezione di un quadrato di lato 550mm, che è quella inscritta nella circonferenza di 800 mm diametro.

### 9.3.5 Verifica del plinto (STR)

n° pali *n*      diametro pali (mm)      OPERA  
80                      800                      Spalle K. 24 + 497



| geometria del plinto        |                             |                                                  |
|-----------------------------|-----------------------------|--------------------------------------------------|
| interasse pali <i>l</i> (m) | altezza plinto <i>h</i> (m) | distanza asse palo - filo paramento <i>d</i> (m) |
| 2.70                        | 1.80                        | 1.35                                             |

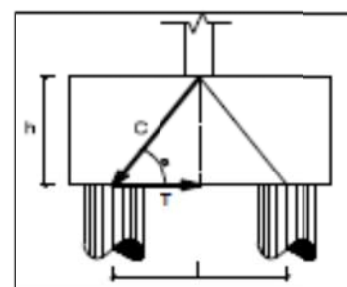
| sollecitazioni massime agenti sul singolo palo |              |
|------------------------------------------------|--------------|
| <b>N (t)</b>                                   | <b>V (t)</b> |
| 88.67                                          | 0.00         |

Calcolo del plinto con il Metodo delle bielle compresse

calcolo del massimo sforzo di trazione nelle barre *T* (t)

|                  |       |
|------------------|-------|
| $T = N/tg\alpha$ | 66.50 |
|------------------|-------|

| calcolo armatura necessaria (cm <sup>2</sup> ) |       | armatura disp. (cm <sup>2</sup> ) |       |
|------------------------------------------------|-------|-----------------------------------|-------|
| $A_{t, nec} = T / f_{ym}$                      | 17.33 |                                   | 47.78 |



armatura longitudinale (cm<sup>2</sup>)

|              |        |
|--------------|--------|
| $T_{nd}$ (t) | 182.82 |
|--------------|--------|

|  |               |
|--|---------------|
|  | cavallotti    |
|  | 1Ø24/ 50 x 50 |

|  |                 |
|--|-----------------|
|  | ferri di parete |
|  | 3Ø16            |

|  |                |
|--|----------------|
|  | rete superiore |
|  | Ø20/25         |

|  |                |
|--|----------------|
|  | rete inferiore |
|  | Ø26/25         |

### 9.3.6 Verifiche dei tiranti di ancoraggio

Per ognuna delle spalle, al fine di assorbire le azioni orizzontali agenti sui pali, è prevista la disposizione di 10 tiranti di ancoraggio passivi realizzati con iniezioni ripetute e controllate con tubo a valvole e doppio otturatore. I tiranti, con diametro della perforazione  $\Phi 250\text{mm}$ , lunghezza 18.00m ed armati mediante dei profili tubolari 168.3mm x 12.5mm, sono inclinati di  $20^\circ$  rispetto al piano orizzontale.

Nel progetto della lunghezza dei tiranti si è tenuto conto della maggiorazione della lunghezza libera in condizioni sismiche prevista dalla norma al punto 7.11.6.4 - NTC per la quale, detta  $L_e$  la lunghezza libera in condizioni sismiche ed  $L_s = 6.19$  m quella con condizioni statiche,  $L_e = L_s (1 + 1.5 a_{\max}/g) = 8.02$  m, essendo  $a_{\max}/g = 0.198$ . Pertanto la lunghezza dell'ancoraggio risulta pari a  $L_b = 9.98$  m.

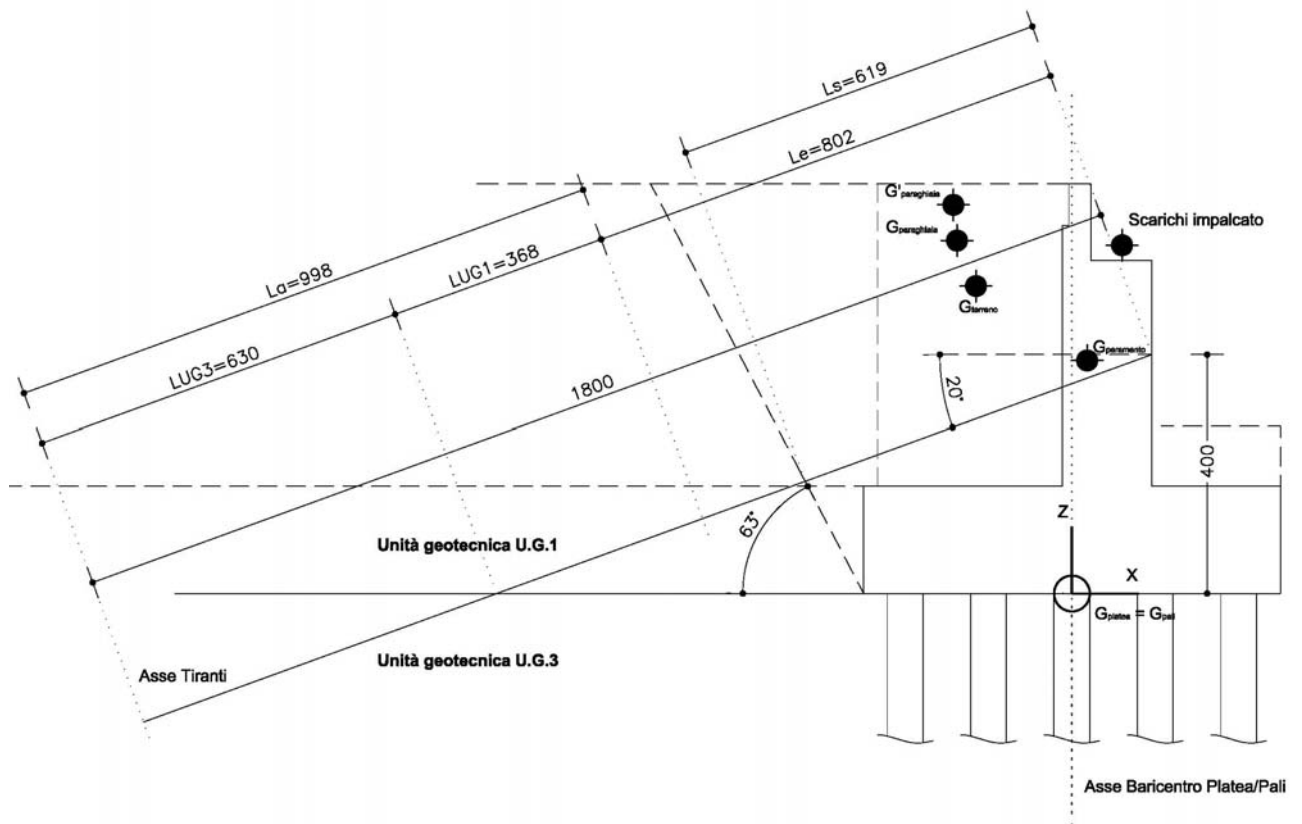


Figura 16 – Geometria dei tiranti

Di seguito si riportano la verifica allo sfilamento dell'ancoraggio e quella di resistenza a trazione del tratto libero.

Verifica allo sfilamento dell'ancoraggio

La resistenza di progetto allo sfilamento, calcolata analiticamente con il metodo di Bustamante e Doix, è pari a:

$$R_d = \pi d_b [(L_{b,UG1} S_{UG1} \alpha_{b,UG1}) + (L_{b,UG3} S_{UG3} \alpha_{b,UG3})] / ((\xi_{a3} \gamma_{R3})) = 1759.29 \text{ kN}$$

dove

$$L_{b,UG1} = 3.68 \text{ m}$$

$$S_{UG1} = 0.15 \text{ MPa}$$

$$\alpha_{b,UG1} = 1.4$$

$$L_{b,UG3} = 6.30 \text{ m}$$

$$S_{UG3} = 0.35 \text{ MPa}$$

$$\alpha_{b,UG1} = 1.6$$

$$d_b = 0.25 \text{ m}$$

$$\xi_{a3} = 1.60$$

$$\gamma_{R3} = 1.20$$

Poichè lo sforzo sollecitante sul singolo tirante  $N_{tir}$  è pari a

$$N_{tir} = (V_{sdp,tir} / n_{tir}) / \cos 20^\circ = (11349.2 / 10) / 0.940 \text{ kN} = 1207.8 \text{ kN}$$

La verifica risulta soddisfatta.

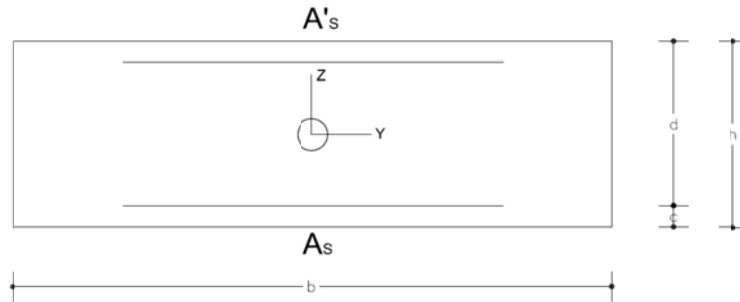
Verifica di resistenza del tratto libero

| $f_{yk}$<br>Mpa | $\gamma_s$<br>- | $f_{yd}$<br>Mpa | $A$<br>mm <sup>2</sup> | $N_{Rd}$<br>kN |
|-----------------|-----------------|-----------------|------------------------|----------------|
| 355             | 1.05            | 338.10          | 6120                   | <b>2069.14</b> |

La verifica risulta soddisfatta.

### 9.3.7 Verifiche del nuovo muro di risvolto (STR)

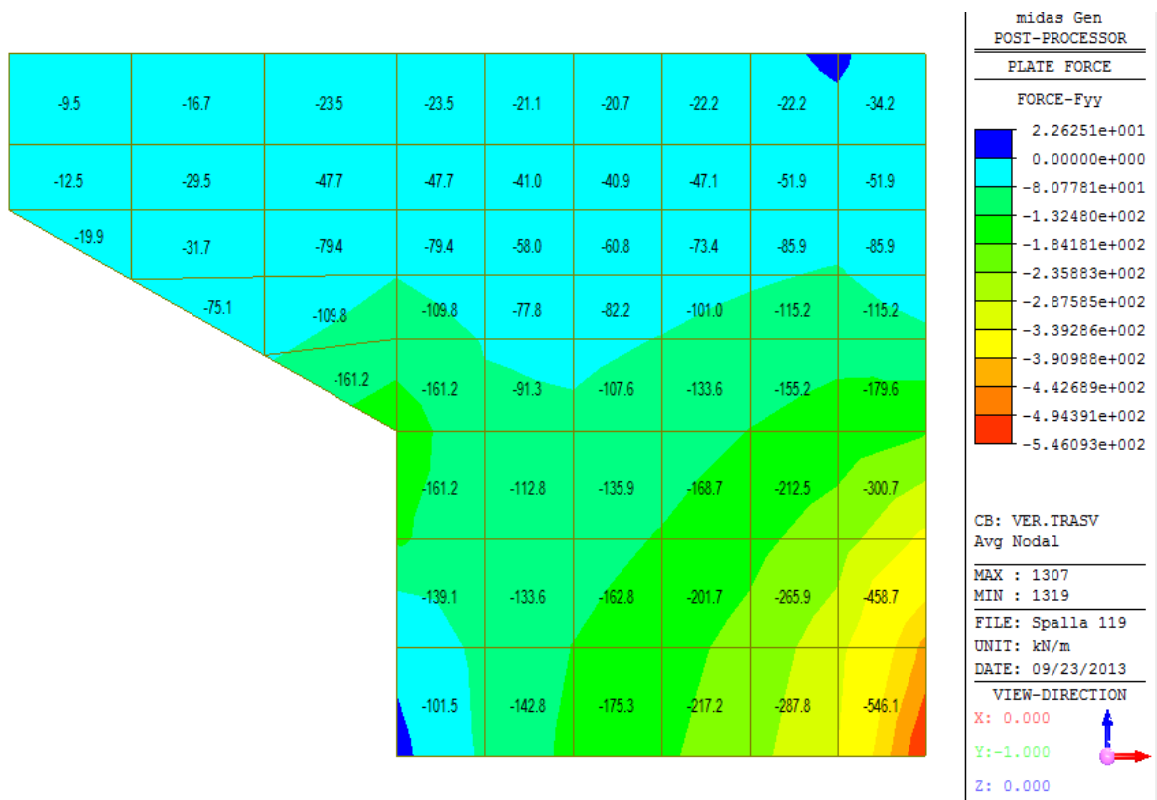
Le caratteristiche geometriche, le armature delle sezioni e le azioni sollecitanti e resistenti di progetto sono riferite all'immagine di seguito riportata.



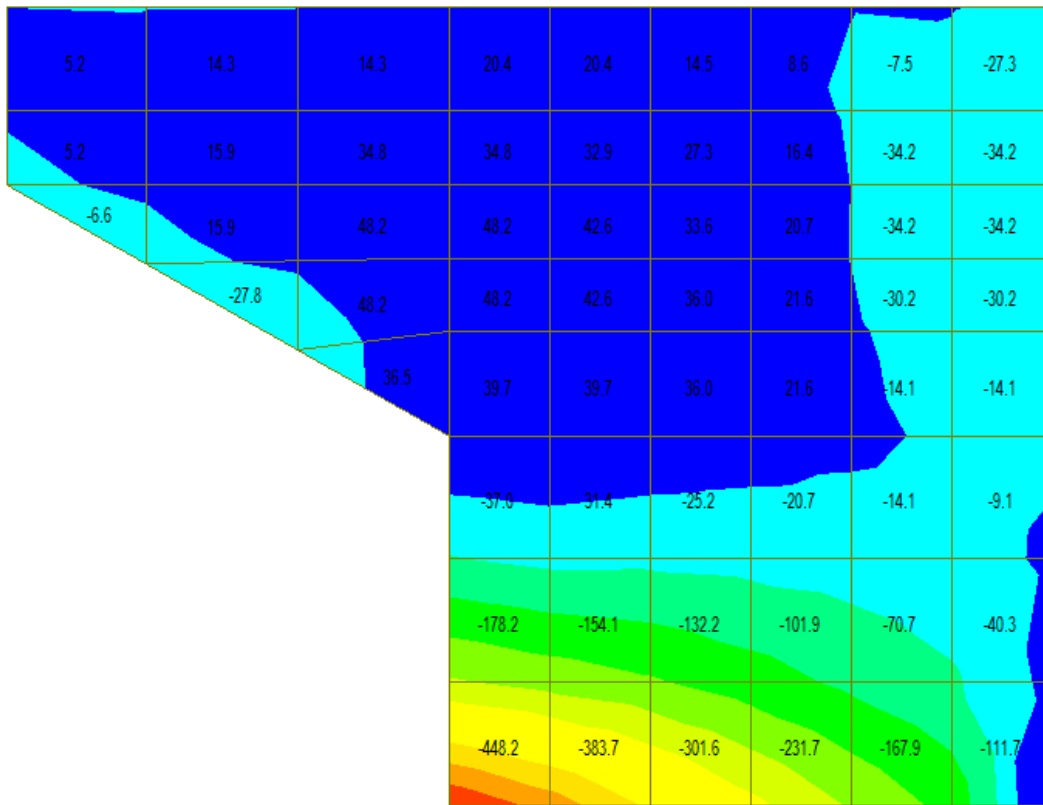
I muri andatori sono stati verificati rispetto alle spinte del terreno a tergo della spalla e dalle forze d'inerzia in condizioni sismiche.

| <b>b [m]</b> | <b>h [m]</b> | <b>c = c' [m]</b> | <b>A<sub>s</sub></b> | <b>A'<sub>s</sub></b> |
|--------------|--------------|-------------------|----------------------|-----------------------|
| 1.00         | 1.00         | 0.04              | Φ20/25 + Φ16/50      | Φ16/25                |

Le figure che seguono mostrano le caratteristiche della sollecitazione dei nuovi muri andatori.



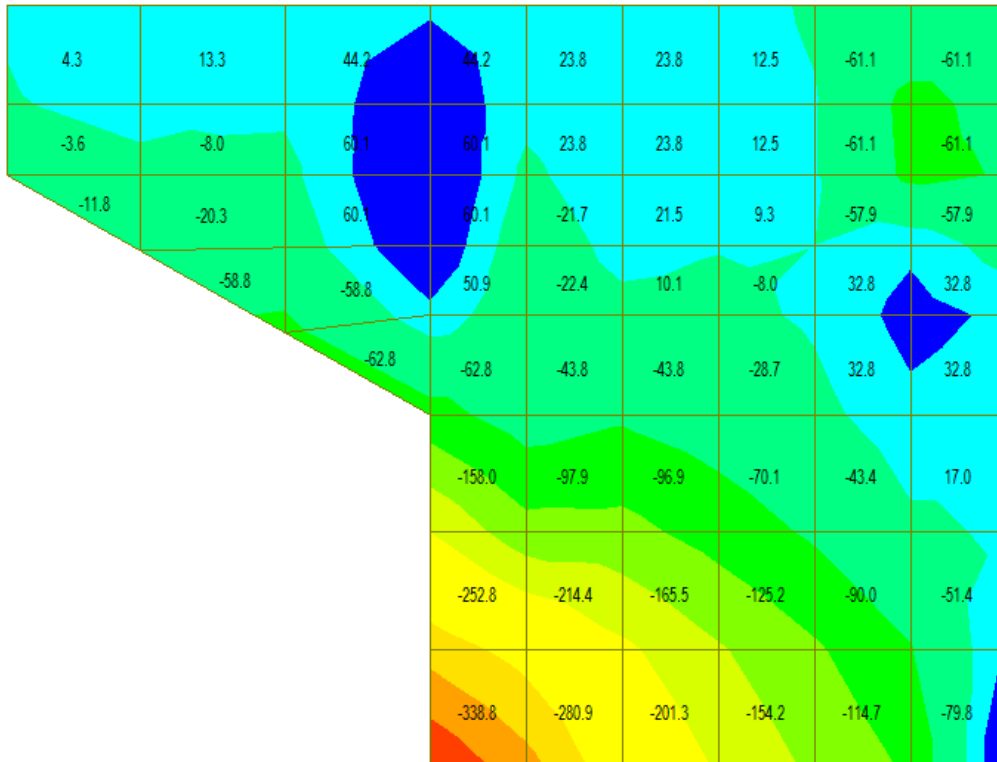




midas Gen  
POST-PROCESSOR  
PLATE FORCE  
MOMENT-Myy

5.71794e+001  
0.00000e+000  
-3.47124e+001  
-8.06583e+001  
-1.26604e+002  
-1.72550e+002  
-2.18496e+002  
-2.64442e+002  
-3.10388e+002  
-3.56334e+002  
-4.02279e+002  
-4.48225e+002

CB: VER.TRASV  
Avg Nodal  
MAX : 1319  
MIN : 1307  
FILE: Spalla 119  
UNIT: kN\*m/m  
DATE: 09/23/2013  
VIEW-DIRECTION  
X: 0.000  
Y: -1.000



midas Gen  
POST-PROCESSOR  
PLATE FORCE  
SHEAR-Vyy

6.00510e+001  
2.37893e+001  
0.00000e+000  
-4.87339e+001  
-8.49955e+001  
-1.21257e+002  
-1.57519e+002  
-1.93780e+002  
-2.30042e+002  
-2.66304e+002  
-3.02565e+002  
-3.38827e+002

CB: VER.TRASV  
Avg Nodal  
MAX : 1309  
MIN : 1307  
FILE: Spalla 119  
UNIT: kN/m  
DATE: 09/23/2013  
VIEW-DIRECTION  
X: 0.000  
Y: -1.000  
Z: 0.000

| Verifica a Pressoflessione |                    |                 |                    |             |
|----------------------------|--------------------|-----------------|--------------------|-------------|
| $N_{sd}$ [kN/m]            | $M_{y,sd}$ [kNm/m] | $N_{Rd}$ [kN/m] | $M_{y,Rd}$ [kNm/m] | FS          |
| 142.8                      | 383.7              | 270.2           | 726.1              | <b>1.89</b> |

**Verifiche a taglio - D.M. 14-01-2008**

**Materiali**

| Calcestruzzo   |      |
|----------------|------|
| $R_{ck}$ [Mpa] | 40   |
| $f_{ck}$ [Mpa] | 33.2 |
| $f_{cd}$ [Mpa] | 18.8 |

| Acciaio        |       |
|----------------|-------|
| $f_{yk}$ [Mpa] | 450   |
| $f_{yd}$ [Mpa] | 391.3 |

|               |        |
|---------------|--------|
| $k$           | 1.46   |
| $v_{min}$     | 0.35   |
| $\rho_l$      | 0.0017 |
| $\sigma_{cp}$ | 0.1428 |

|                   |             |
|-------------------|-------------|
| $\nu'$            | 0.5         |
| $(\sigma_{cp})^*$ | 0.1428      |
| $\alpha_c$        | 1.007590361 |
| $\omega_{sm}$     | 0.009       |
| $\cotg\theta$     | 7.250       |
| $\cotg\theta^*$   | 2.500       |

**Geometria sezione**

|          |      |
|----------|------|
| $b$ [mm] | 1000 |
| $h$ [mm] | 1000 |
| $c$ [mm] | 40   |
| $d$ [mm] | 960  |

**Armatura longitudinale**

|                         |           |
|-------------------------|-----------|
| $n'$ barre              | 6         |
| diámetro                | 4E20+2F16 |
| Area [mm <sup>2</sup> ] | 1659      |

**Armatura trasversale**

|                             |        |
|-----------------------------|--------|
| Staffe $\Phi$               | 12     |
| $n'$ bracci                 | 2      |
| $A_{sv}$ [mm <sup>2</sup> ] | 226.08 |
| $s$ [mm]                    | 500    |

**Sollecitazioni di calcolo**

|               |       |
|---------------|-------|
| $N_{Ed}$ [kN] | 142.8 |
| $V_{Ed}$ [kN] | 280.9 |

**VERIFICA**

| Sezione non armata a taglio |            |
|-----------------------------|------------|
| $V_{Rd}$ [kN]               | 360.85     |
|                             | Verificato |
| Sezione armata a taglio     |            |
| Crisi armatura a taglio     |            |
| $V_{Rd}$ [kN]               | 382.17     |
| $V_{Rd}$ [kN]               | 2823.81    |
| $V_{Rd}$ [kN]               | 382.17     |
|                             | Verificato |

## 9.4 Verifica dei ritegni sismici

Al fine di prevenire la perdita di appoggio in direzione trasversale degli impalcati, dato che gli appoggi esistenti in neoprene non sono idonei ad assorbire le azioni sismiche, si è reso necessario predisporre tre ritegni per ogni spalla, di cui due disposti ai lati della stessa ed il restante tra i due impalcati. Essi sono costituiti da strutture metalliche fissate al paramento della spalla mediante appositi tasselli chimici. Il contrasto sui traversi degli impalcati avviene mediante appositi cuscinetti in neoprene. Per le azioni sismiche longitudinali, onde evitare il “martellamento” tra soletta e paraghiaia, viene predisposta un’apposita piastra rivestita in neoprene tra la testata dell’impalcato e la base del muro paraghiaia.

Il paragrafo 7.9.5.4.3 - *NTC* considera come azione di progetto per i ritegni sismici il valore  $\alpha \cdot Q$ , in cui:

$\alpha = 1.5 \cdot S \cdot a_g / g$  è l’accelerazione normalizzata di progetto, pari a 0.296;

$Q$  è il peso della parte di impalcato collegato, pari a 2794 kN per l’impalcato che si percorre in direzione Torino (carreggiata di discesa) e 3174 kN per l’altro (carreggiata di salita).

L’azione di progetto per ciascun ritegno vale pertanto:

827.7 kN – Impalcato direzione Torino (carreggiata di discesa);

957.2 kN – Impalcato direzione Bardonecchia (carreggiata di salita).

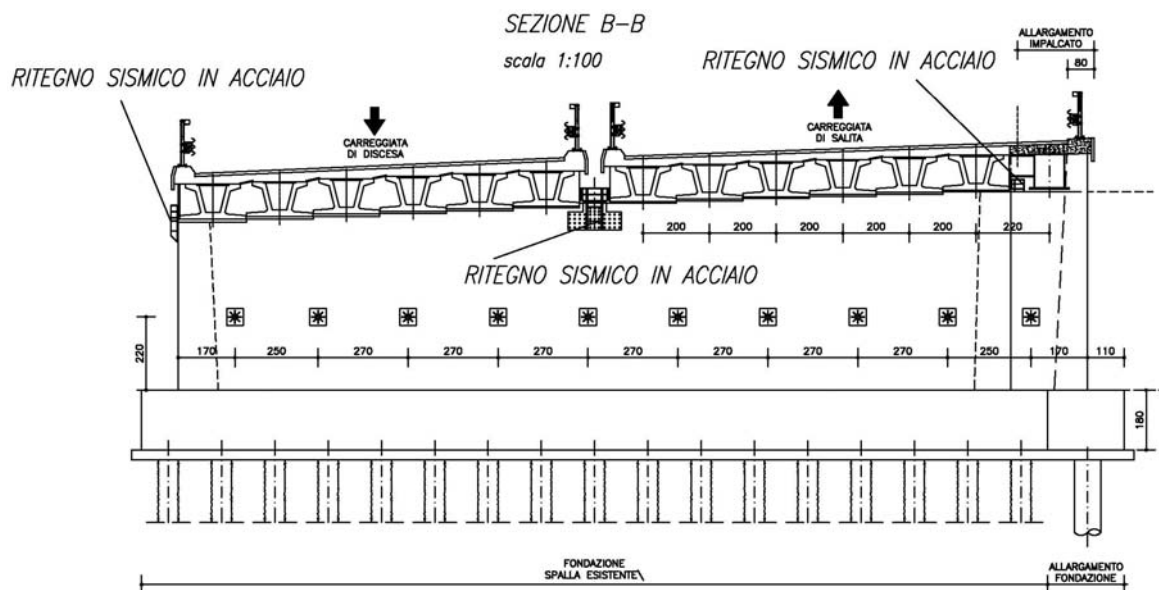


Figura 17 – Posizionamento dei ritegni sismici sulle spalle

I profilati metallici costituenti i ritegni e gli elementi di collegamento alla struttura esistente (tasselli), andranno dimensionati nel rispetto delle azioni sopra calcolate.

## 9.5 Verifiche dell'impalcato

### 9.5.1 Premessa

Si è previsto che il prolungamento dell'impalcato nello stato di progetto venga realizzato con travi in acciaio e soletta collaborante in c.a. solidale con l'esistente al fine di evitare giunti longitudinali sulla carreggiata. La scelta dell'acciaio è dovuta al fatto che l'eventuale utilizzo di nuove travi in c.a.p., collegate alle esistenti attraverso la soletta, comporterebbe un trasferimento di sollecitazione per effetto del ritiro e del fluage del calcestruzzo tra le nuove e le vecchie travi dannoso per entrambe le strutture precomprese, la cui entità, inoltre, sarebbe di dubbia determinazione.

### 9.5.2 Confronto tra le caratteristiche della sollecitazione

Al fine di evidenziare come il prolungamento dell'impalcato non ha comportato un aggravio di sollecitazioni sulle travi in c.a.p. costituenti l'impalcato esistente, ma anzi una riduzione, si riportano i diagrammi delle azioni flettenti e taglianti agenti su di esse nello stato di fatto e nello stato di progetto ed una tabella di confronto riassuntiva dei dati.

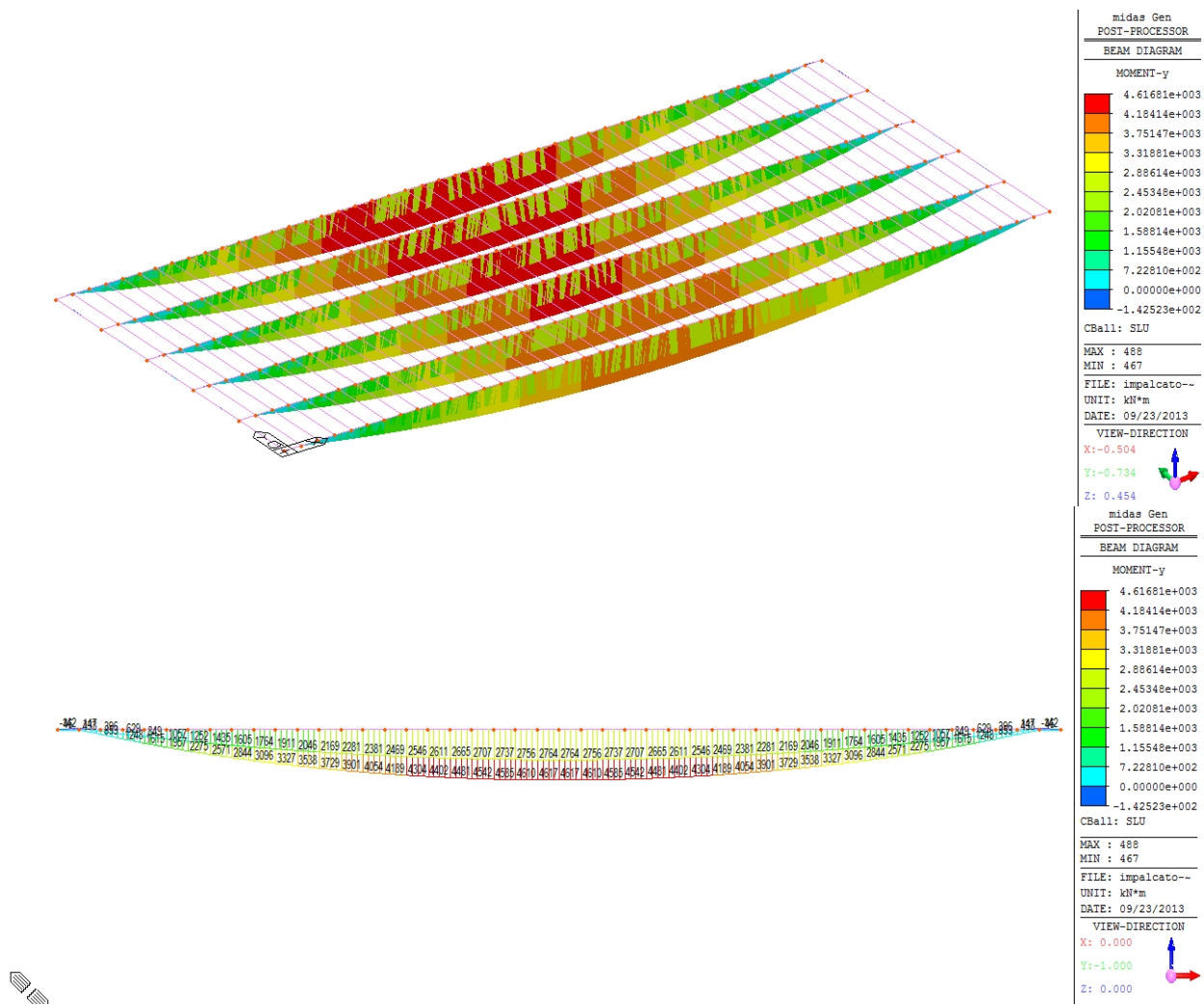


Figura 18 – Momento flettente (SLU) sulle travi esistenti in c.a.p nello stato di fatto

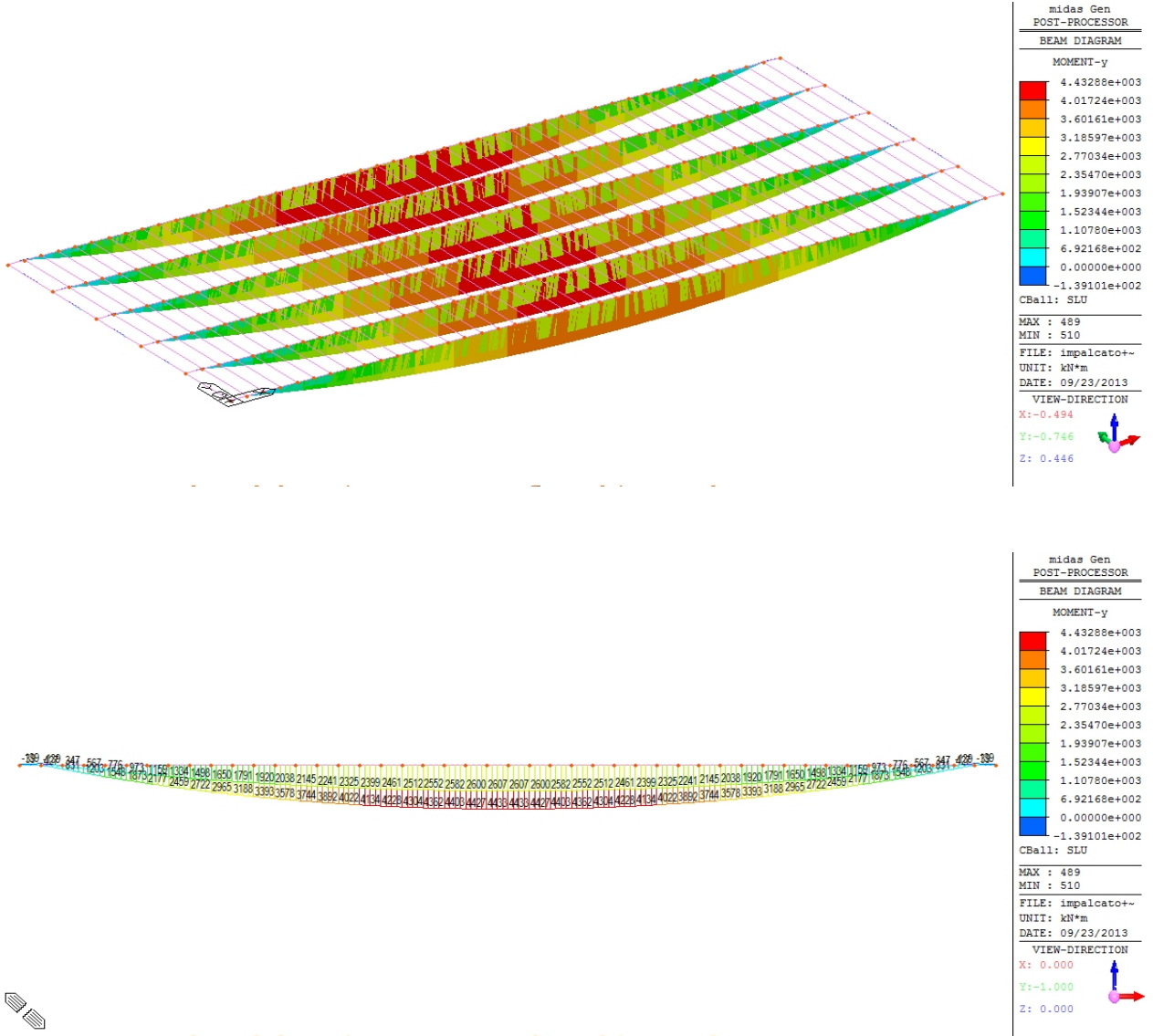


Figura 19 – Momento flettente (SLU) sulle travi esistenti in c.a.p nello stato di progetto

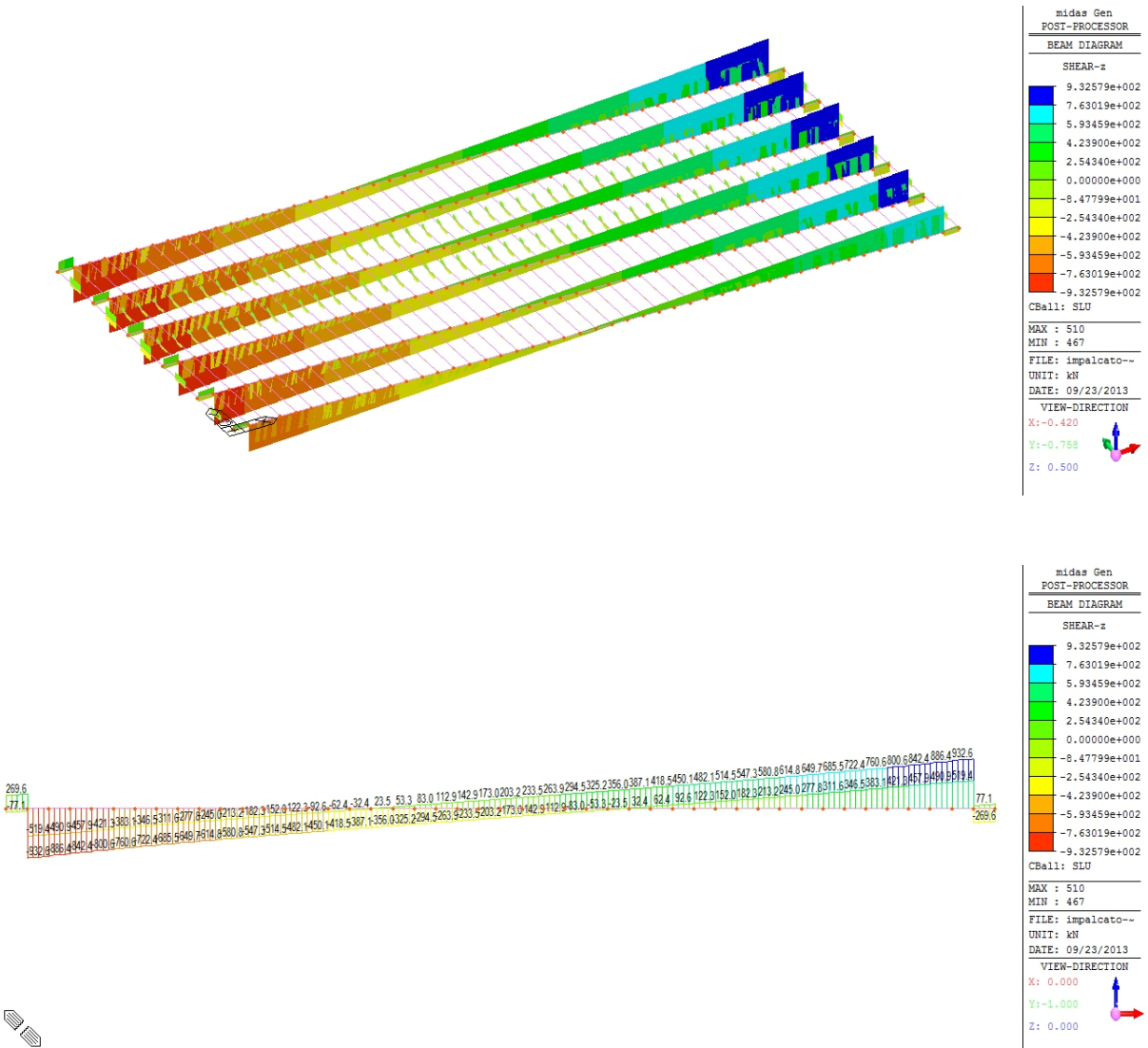


Figura 20 – Taglio (SLU) sulle travi esistenti in c.a.p nello stato di fatto

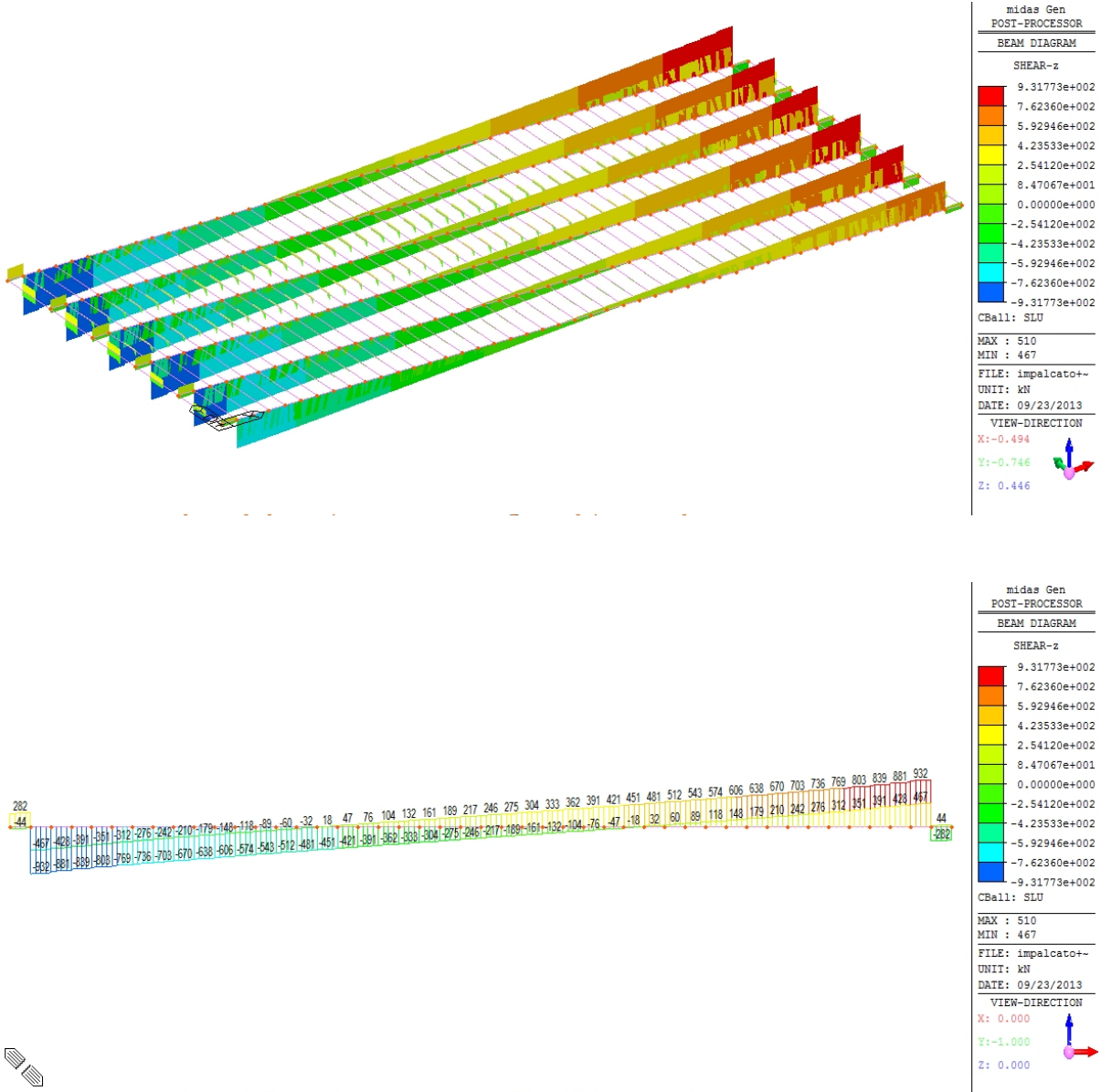


Figura 21 – Taglio (SLU) di progetto sulle travi esistenti in c.a.p nello stato di progetto

|                   | Msd [kN] | Vsd [kN] |
|-------------------|----------|----------|
| STATO DI FATTO    | 4619.0   | 932.6    |
| STATO DI PROGETTO | 4433.0   | 931.8    |

Tabella 9 – Confronto tra le sollecitazioni di taglio e momento flettente agenti sulle travi in c.a.p esistenti nello stato di fatto e di progetto

### 9.5.3 Verifica della sezione mista acciaio - calcestruzzo

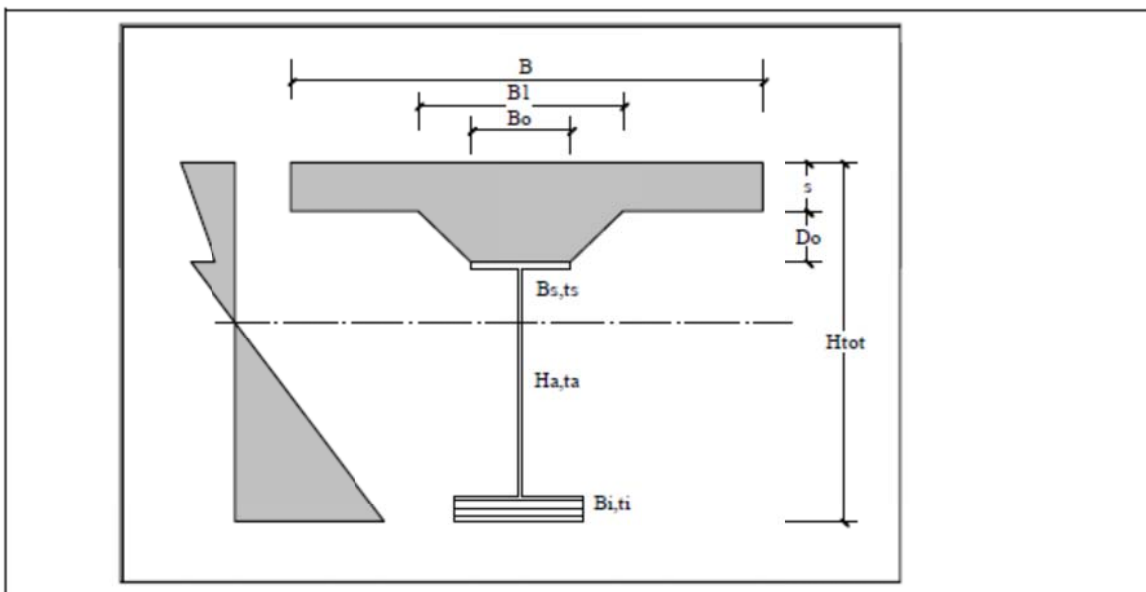
Per le caratteristiche della sollecitazione dovute ai pesi propri strutturali della nuova porzione di impalcato è stato considerato lo schema statico di trave in semplice appoggio, ipotizzando che il carico gravi totalmente sulla nuova trave in acciaio. Per i carichi permanenti portati e per i carichi mobili, invece, le caratteristiche della sollecitazione sono state desunte dal modello FEM realizzato con l'impalcato completo nella configurazione di progetto.

Si riportano le verifiche (SLU Metodo Elastico) delle sezioni maggiormente sollecitate a flessione (mezzeria) e taglio (appoggi).

Si evidenzia che le verifiche strutturali della nuova trave risultano abbondantemente soddisfatte, in quanto il suo dimensionamento è stato dettato non da esigenze di resistenza, ma per avere rigidzze flessionali e torsionali paragonabili a quelle delle travi in c.a.p. esistenti.

| <b>VERIFICA SEZIONE MISTA ACCIAIO-CALCESTRUZZO</b> |               |                                        |                  |
|----------------------------------------------------|---------------|----------------------------------------|------------------|
| DESCRIZIONE:                                       |               | <i>Allargamento - Sez. Mezzeria</i>    |                  |
| <b>DATI TRAVE METALLICA:</b>                       |               |                                        |                  |
|                                                    | Tipo HSD 1500 |                                        |                  |
| Piattabanda superiore                              | $B_s =$       | 1000 mm                                | $t_s =$ 15 mm    |
| Anima                                              | $t_a =$       | 40 mm                                  | $H_a =$ 995 mm   |
| Piattabanda inferiore                              | $B_{i1} =$    | 1200 mm                                | $t_{i1} =$ 40 mm |
| piatti aggiunti:                                   | $B_{i2} =$    |                                        | $t_{i2} =$       |
|                                                    | $B_{i3} =$    |                                        | $t_{i3} =$       |
|                                                    | $B_{i4} =$    |                                        | $t_{i4} =$       |
|                                                    | $B_{i5} =$    |                                        | $t_{i5} =$       |
| <b>ALTEZZA COMPLESSIVA DELLA TRAVE METALLICA</b>   |               |                                        | $H_2 =$ 1050 mm  |
| <b>CARATTERISTICHE STATICHE SEZ. METALLICA</b>     |               |                                        |                  |
| AREA                                               | $A_a =$       | 1028.00 cm <sup>2</sup>                |                  |
| MOM. STATICO INF.                                  | $S_i =$       | 37990.00 cm <sup>3</sup>               |                  |
| ORDINATA BARICENTRO                                | $Y_a =$       | 36.96 cm                               |                  |
| INERZIA ASSE BARIC. x-x                            | $J_{xx} =$    | 1,707,073 cm <sup>4</sup>              |                  |
| INERZIA ASSE BARIC. y-y                            | $J_{yy} =$    | 701,531 cm <sup>4</sup>                |                  |
| INERZIA TORSIONALE                                 | $J_{zz} =$    | 2,649 cm <sup>4</sup>                  |                  |
| MODULO RES. SUP.                                   | $W_s =$       | 25,088 cm <sup>3</sup>                 |                  |
| MODULO RES. INF.                                   | $W_i =$       | 46,193 cm <sup>3</sup>                 |                  |
| <b>DATI SOLETTA IN C.A.</b>                        |               |                                        |                  |
| SPESSORE SOLETTA                                   | $s =$         | 22.00 cm                               |                  |
| ALTEZZA RACCORDO                                   | $D_o =$       | 0.00 cm                                |                  |
| BASE INFERIORE RACCORDO                            | $B_1 =$       | 0.00 cm                                |                  |
| BASE SUPERIORE RACCORDO                            | $B_o =$       | 0.00 cm                                | OK               |
| ARM. METALLICA SUPERIORE                           | $A_f =$       |                                        | cmq/m            |
| COPRIFERRO                                         | $c =$         | -4.00 cm                               |                  |
| <b>CALCOLO LARGHEZZA COLLABORANTE</b>              |               |                                        |                  |
| LUCE DELLA TRAVE                                   | $L =$         | 22.00 m                                |                  |
| INTERASSE TRAVI                                    | $i =$         | 2.30 m                                 |                  |
|                                                    |               | $B = B_o + 10 * s = 220.00 \text{ cm}$ |                  |
|                                                    |               | $B = B_o + L / 5 = 440.00 \text{ cm}$  |                  |
| LARGH. SOLETTA COLLAB.                             | $B =$         | 230 cm                                 |                  |





**DATI SULLA SEZIONE MISTA ACCIAIO-CALCESTRUZZO**

ALTEZZA COMPLESSIVA DELLA SEZIONE:  
CLASSE DEL CALCESTRUZZO  
COEFF. DI MATURAZ.

H= 127.00 cm  
R'cK= 450 Kg/cmq  
cf∞= 2

|                           | BREVE DURATA                  | LUNGA DURATA                  |
|---------------------------|-------------------------------|-------------------------------|
| COEFFIC. DI OMOGENEIZZ.   | n= 6.00                       | n= 18.00                      |
| AREA SEZ. OMOGENEA        | A= 1871.33 cm <sup>2</sup>    | A= 1309.11 cm <sup>2</sup>    |
| MOM. STATICO INFERIORE    | Si= 135816.67 cm <sup>3</sup> | Si= 70598.89 cm <sup>3</sup>  |
| BARICENTRO SEZ OMOGENEA   | Y= 72.58 cm                   | Y= 53.93 cm                   |
| MOM. STATICO SOLETTA      | S= 219717.93 cm <sup>3</sup>  | S= 314079.89 cm <sup>3</sup>  |
| INERZIA BARIC. SEZ. OMOG. | J= 4635678.38 cm <sup>4</sup> | J= 3097653.30 cm <sup>4</sup> |

**MODULI DI RESISTENZA DELLA SEZIONE MISTA:**

|                         | BREVE DURATA                    | LUNGA DURATA                   |
|-------------------------|---------------------------------|--------------------------------|
| BORDO SUPERIORE SOLETTA | Wc,s= 85179.42 cm <sup>3</sup>  | Wc,s= 42392.30 cm <sup>3</sup> |
| BORDO INFERIORE SOLETTA | Wc,i= 142977.14 cm <sup>3</sup> | Wc,i= 60653.71 cm <sup>3</sup> |
| ATTACCO ACCIAIO-CLS     | Wc,a= 142977.14 cm <sup>3</sup> | Wc,a= 60653.71 cm <sup>3</sup> |
| PIATTABANDA SUPERIORE   | Wa,s= 142977.14 cm <sup>3</sup> | Wa,s= 60653.71 cm <sup>3</sup> |
| PIATTABANDA INFERIORE   | Wa,i= 63872.13 cm <sup>3</sup>  | Wa,i= 57439.61 cm <sup>3</sup> |

VERIFICA IN MEZZERIA

| VERIFICHE DELLA SEZIONE:                                                                                                                     |                               |         |            |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------|------------|----------------------------|
| SOLLECITAZIONI AGENTI                                                                                                                        |                               |         |            |                            |
| 1ª FASE :                                                                                                                                    | MOMENTO                       | M=      | 184,892    | Kgm                        |
|                                                                                                                                              | TAGLIO                        | T=      | 0          | Kg                         |
| peso proprio                                                                                                                                 |                               |         |            |                            |
| 2ª FASE :                                                                                                                                    | MOMENTO                       | M=      | 67,404     | Kgm                        |
|                                                                                                                                              | iniziali TAGLIO               | T=      | 0          | Kg                         |
|                                                                                                                                              | -----                         |         |            |                            |
|                                                                                                                                              | finali TAGLIO                 | T=      | 0          | Kg                         |
| pesi permanenti                                                                                                                              |                               |         |            |                            |
| 3ª FASE :                                                                                                                                    | MOMENTO                       | M=      | 214,560    | Kgm                        |
|                                                                                                                                              | TAGLIO                        | T=      | 19,713     | Kg                         |
| accidentali                                                                                                                                  |                               |         |            |                            |
| 1ª FASE : I carichi permanenti sono supportati dalla sola sezione in acciaio                                                                 |                               |         |            |                            |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | $\sigma =$ | -736.99 Kg/cm <sup>2</sup> |
|                                                                                                                                              | piattabanda inferiore         |         | $\sigma =$ | 400.26 Kg/cm <sup>2</sup>  |
| Tensioni tangenziale max                                                                                                                     |                               |         | $\tau =$   | 0.00 Kg/cm <sup>2</sup>    |
| 2ª FASE : Il calcestruzzo ha fatto presa; la sezione reagente é quella mista sottoposte alle sollecitazioni derivanti dai carichi di 2ª fase |                               |         |            |                            |
| - tensioni iniziali                                                                                                                          |                               |         |            |                            |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | $\sigma =$ | -47.14 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | piattabanda inferiore         |         | $\sigma =$ | 105.53 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | bordo sup. soletta            |         | $\sigma =$ | -13.19 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | bordo inf soletta             |         | $\sigma =$ | -7.86 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | $\sigma =$ | -7.86 Kg/cm <sup>2</sup>   |
| Tensioni tangenziale max                                                                                                                     |                               | cls     | $\tau =$   | 0.000 Kg/cm <sup>2</sup>   |
|                                                                                                                                              |                               | acciaio | $\tau =$   | 0.00 Kg/cm <sup>2</sup>    |
| - tensioni finali                                                                                                                            |                               |         |            |                            |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | $\sigma =$ | -111.13 Kg/cm <sup>2</sup> |
|                                                                                                                                              | piattabanda inferiore         |         | $\sigma =$ | 117.35 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | bordo sup. soletta            |         | $\sigma =$ | -8.83 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo inf soletta             |         | $\sigma =$ | -6.17 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | $\sigma =$ | -6.17 Kg/cm <sup>2</sup>   |
| Tensioni tangenziale max                                                                                                                     |                               | cls     | $\tau =$   | 0.000 Kg/cm <sup>2</sup>   |
|                                                                                                                                              |                               | acciaio | $\tau =$   | 0.00 Kg/cm <sup>2</sup>    |
| 3ª FASE : Fase di esercizio; i sovraccarichi agiscono sulla sezione composta acciaio-clc ed hanno carattere di breve durata.                 |                               |         |            |                            |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | $\sigma =$ | -150.07 Kg/cm <sup>2</sup> |
|                                                                                                                                              | piattabanda inferiore         |         | $\sigma =$ | 335.92 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | bordo sup. soletta            |         | $\sigma =$ | -41.98 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | bordo inf soletta             |         | $\sigma =$ | -25.01 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | $\sigma =$ | -25.01 Kg/cm <sup>2</sup>  |
| Tensioni tangenziale max                                                                                                                     |                               | cls     | $\tau =$   | 0.677 Kg/cm <sup>2</sup>   |
|                                                                                                                                              |                               | acciaio | $\tau =$   | 46.02 Kg/cm <sup>2</sup>   |
| TENSIONI COMPLESSIVE:                                                                                                                        |                               |         |            |                            |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | $\sigma =$ | -998.18 Kg/cm <sup>2</sup> |
|                                                                                                                                              | piattabanda inferiore         |         | $\sigma =$ | 853.53 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | bordo sup. soletta            |         | $\sigma =$ | -50.82 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | bordo inf soletta             |         | $\sigma =$ | -31.18 Kg/cm <sup>2</sup>  |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | $\sigma =$ | -31.18 Kg/cm <sup>2</sup>  |
| Tensioni tangenziale max                                                                                                                     |                               | cls     | $\tau =$   | 0.677 Kg/cm <sup>2</sup>   |
|                                                                                                                                              |                               | acciaio | $\tau =$   | 46.02 Kg/cm <sup>2</sup>   |

La tensione ideale vale quindi  $100.1 \text{ MPa} < 355/1.05 = 338.1 \text{ MPa}$

VERIFICA ALL'APPOGGIO

| VERIFICHE DELLA SEZIONE:                                                                                                                     |                               |         |        |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------|--------|---------------------------|
| SOLLECITAZIONI AGENTI                                                                                                                        |                               |         |        |                           |
| 1ª FASE :                                                                                                                                    | MOMENTO                       | M:      | 0      | Kgm                       |
|                                                                                                                                              | TAGLIO                        | T:      | 33,619 | Kg                        |
| peso proprio                                                                                                                                 |                               |         |        |                           |
| 2ª FASE :                                                                                                                                    | MOMENTO                       | M:      |        | Kgm                       |
|                                                                                                                                              | iniziali TAGLIO               | T:      | 13,616 | Kg                        |
|                                                                                                                                              | MOMENTO                       | M:      |        | Kgm                       |
|                                                                                                                                              | finali TAGLIO                 | T:      | 13,616 | Kg                        |
| pesi permanenti                                                                                                                              |                               |         |        |                           |
| 3ª FASE :                                                                                                                                    | MOMENTO                       | M:      |        | Kgm                       |
|                                                                                                                                              | TAGLIO                        | T:      | 49,658 | Kg                        |
| accidentali                                                                                                                                  |                               |         |        |                           |
| 1ª FASE : I carichi permanenti sono supportati dalla sola sezione in acciaio                                                                 |                               |         |        |                           |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | piattabanda inferiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
| Tensioni tangenziale max                                                                                                                     |                               |         | τ=     | 84.47 Kg/cm <sup>2</sup>  |
| 2ª FASE : Il calcestruzzo ha fatto presa; la sezione reagente è quella mista sottoposta alle sollecitazioni derivanti dai carichi di 2ª fase |                               |         |        |                           |
| - tensioni iniziali                                                                                                                          |                               |         |        |                           |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | piattabanda inferiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo sup. soletta            |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo inf soletta             |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
| Tensioni tangenziale max                                                                                                                     |                               | clc     | τ=     | 0.468 Kg/cm <sup>2</sup>  |
|                                                                                                                                              |                               | acciaio | τ=     | 31.78 Kg/cm <sup>2</sup>  |
| - tensioni finali                                                                                                                            |                               |         |        |                           |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | piattabanda inferiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo sup. soletta            |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo inf soletta             |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
| Tensioni tangenziale max                                                                                                                     |                               | clc     | τ=     | 0.887 Kg/cm <sup>2</sup>  |
|                                                                                                                                              |                               | acciaio | τ=     | 32.87 Kg/cm <sup>2</sup>  |
| 3ª FASE : Fase di esercizio; i sovraccarichi agiscono sulla sezione composta acciaio-clc ed hanno carattere di breve durata.                 |                               |         |        |                           |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | piattabanda inferiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo sup. soletta            |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo inf soletta             |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
| Tensioni tangenziale max                                                                                                                     |                               | clc     | τ=     | 1706 Kg/cm <sup>2</sup>   |
|                                                                                                                                              |                               | acciaio | τ=     | 115.91 Kg/cm <sup>2</sup> |
| TENSIONI COMPLESSIVE:                                                                                                                        |                               |         |        |                           |
| Tensioni normali:                                                                                                                            | piattabanda superiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | piattabanda inferiore         |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo sup. soletta            |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | bordo inf soletta             |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
|                                                                                                                                              | sezione d'attacco acciaio-clc |         | σ=     | 0.00 Kg/cm <sup>2</sup>   |
| Tensioni tangenziale max                                                                                                                     |                               | clc     | τ=     | 2.592 Kg/cm <sup>2</sup>  |
|                                                                                                                                              |                               | acciaio | τ=     | 233.25 Kg/cm <sup>2</sup> |

In corrispondenza degli appoggi agisce anche un'azione torcente di 229.56 kNm, che genera sulle anime una tensione tangenziale, calcolata mediante la formula di Bredt per le sezioni connesse, di 6.24.MPa.

La tensione ideale vale quindi  $[3*(22.87 + 6.24)^2]^{0.5}$  MPa = 50.41 < 355/1.05 = 338.1 MPa

## 10.Tabulati di input – Stato di Fatto Impalcato

### \*\*\* PROJECT INFORMATION

Project Name :  
Date : 2013/9/25

### \*\*\* CONTROL DATA

Panel Zone Effect : Do not Calculate  
Unit System : KN, M  
Definition of Frame  
- X Direction of Frame : Unbraced I Sway  
- Y Direction of Frame : Unbraced I Sway  
- Design Type : 3-D  
Design Code  
- Steel : Eurocode3:05  
- Concrete : Eurocode2:04  
- SRC : SSRC79

### \*\*\* LOAD CASE DATA

| NO | NAME | TYPE | SELF WEIGHT FACTOR |       |        | DESCRIPTION |
|----|------|------|--------------------|-------|--------|-------------|
|    |      |      | X                  | Y     | Z      |             |
| 1  | pp   | D    | 0.000              | 0.000 | -1.000 |             |
| 2  | perm | D    | 0.000              | 0.000 | 0.000  |             |
| 3  | acc  | L    | 0.000              | 0.000 | 0.000  |             |

### \*\*\* MATERIAL PROPERTY DATA

| NO | NAME     | TYPE  | MODULUS OF ELASTICITY |            | SHEAR MODULUS | THERMAL COEFF. | POISSON RATIO | WEIGHT DENSITY |
|----|----------|-------|-----------------------|------------|---------------|----------------|---------------|----------------|
|    |          |       | STEEL                 | CONCRETE   |               |                |               |                |
| 1  | C45/55   | CONC  | 3.568e+007            | 1.487e+007 | 1e-005        | 0.2            | 23.54         |                |
| 2  | Rck35 p0 | CONC  | 3.231e+007            | 1.346e+007 | 1e-005        | 0.2            | 0             |                |
| 3  | S355     | STEEL | 2.1e+008              | 8.077e+007 | 1.2e-005      | 0.3            | 76.98         |                |

| NO | NAME     | TYPE  | STRENGTH OF DESIGN MATERIAL |          |            |           |
|----|----------|-------|-----------------------------|----------|------------|-----------|
|    |          |       | STEEL                       | CONCRETE | MAIN REBAR | SUB REBAR |
| 1  | C45/55   | CONC  | -                           | 4.5e+004 | 4e+005     | 4e+005    |
| 2  | Rck35 p0 | CONC  | -                           | 0        | 4e+005     | 4e+005    |
| 3  | S355     | STEEL | 3.55e+005                   | -        | -          | -         |

### \*\*\* SUPPORT / SPECIFIED DISPLACEMENT / POINT SPRING SUPPORT

#### \*\* SUPPORT / SPECIFIED DISPLACEMENT

| NODE | SUPPORT DDDRRR | SPECIFIED DISPLACEMENT |        |        |        |        |        |
|------|----------------|------------------------|--------|--------|--------|--------|--------|
|      |                | Dx                     | Dy     | Dz     | Rx     | Ry     | Rz     |
| 2    | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 46   | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 49   | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 93   | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 96   | 111000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 140  | 011000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 143  | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 187  | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 190  | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 234  | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 237  | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 281  | 001000         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

### \*\*\* SECTION PROPERTY DATA

| NO | NAME       | SHAPE | STIFFNESS SCALE FACTOR |     |       |      |   | r1 |
|----|------------|-------|------------------------|-----|-------|------|---|----|
|    |            |       | H                      | B   | tw    | tf1  | W |    |
| 1  | cap        | GEN   | 0                      | 0   | 0     | 0    | 0 | 0  |
| 2  | trave      | B     | 1.05                   | 1.2 | 0.01  | 0.01 | 0 | 0  |
| 3  | soletta    | SB    | 0.22                   | 0.5 | 0     | 0    | 0 | 0  |
| 4  | traverso ~ | SB    | 1.27                   | 0.4 | 0     | 0    | 0 | 0  |
| 5  | traverso   | C     | 0.6                    | 0.2 | 0.015 | 0.02 | 0 | 0  |
| 6  | traverso   | C     | 0.6                    | 0.2 | 0.015 | 0.02 | 0 | 0  |
| 10 | scat       | B     | 1.14                   | 1.2 | 0.02  | 0.08 | 0 | 0  |

| NO | NAME       | STIFFNESS SCALE FACTOR |     |     |    |    |    |   | Boundary Group |
|----|------------|------------------------|-----|-----|----|----|----|---|----------------|
|    |            | A                      | Asy | Asz | Ix | Iy | Iz | W |                |
| 1  | cap        |                        |     |     |    |    |    |   |                |
| 2  | trave      |                        |     |     |    |    |    |   |                |
| 3  | soletta    |                        |     |     |    |    |    |   |                |
| 4  | traverso ~ |                        |     |     |    |    |    |   |                |
| 5  | traverso   |                        |     |     |    |    |    |   |                |
| 6  | traverso   |                        |     |     |    |    |    |   |                |
| 10 | scat       |                        |     |     |    |    |    |   |                |

| NO | NAME | AREA [SRC:EQIV.] | MOMENT OF INERTIA |    | SHAPE FACTOR k-Y | k-Z |
|----|------|------------------|-------------------|----|------------------|-----|
|    |      |                  | Ix                | Iy |                  |     |

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|    |            |        |            |           |            |        |        |
|----|------------|--------|------------|-----------|------------|--------|--------|
| 1  | cap        | 1.083  | 0.1672     | 0.2374    | 0.3096     | 0.5832 | 0.2977 |
| 2  | trave      | 0.08   | 0.00207    | 0.01325   | 0.007813   | 0.75   | 0.2625 |
| 3  | soletta    | 0.11   | 0.001284   | 0.0004437 | 0.002292   | 0.8333 | 0.8333 |
| 4  | traverso ~ | 0.508  | 0.02172    | 0.06828   | 0.006773   | 0.8333 | 0.8333 |
| 5  | traverso   | 0.0164 | 1.679e-006 | 0.0008926 | 6.188e-005 | 0.4065 | 0.5488 |
| 6  | traverso   | 0.0164 | 1.679e-006 | 0.0008926 | 6.188e-005 | 0.4065 | 0.5488 |
| 10 | scat       | 0.1848 | 0.02666    | 0.04207   | 0.02554    | 0.7792 | 0.2468 |

| NO | NAME       | SECTION MODULUS Sy |            | SECTION MODULUS Sz |            |
|----|------------|--------------------|------------|--------------------|------------|
|    |            | I or CONC.         | J or STEEL | I or CONC.         | J or STEEL |
| 2  | trave      | 0.01775            | 0.01775    | 0.01302            | 0.01302    |
| 3  | soletta    | 0.004033           | 0.004033   | 0.009167           | 0.009167   |
| 4  | traverso ~ | 0.1075             | 0.1075     | 0.03387            | 0.03387    |
| 5  | traverso   | 0.002975           | 0.002975   | 0.0004199          | 0.0004199  |
| 6  | traverso   | 0.002975           | 0.002975   | 0.0004199          | 0.0004199  |
| 10 | scat       | 0.06026            | 0.06026    | 0.04257            | 0.04257    |

\*\*\* BEAM MEMBER DATA

| NO | NODAL | CONNECTIVITY | BEAM END RELEASE |   | MATERIAL | SECTION      | LENGTH |
|----|-------|--------------|------------------|---|----------|--------------|--------|
|    |       |              | I                | J |          |              |        |
| 1  | 1     | 2            | -                | - | C45/55   | cap          | 0.5    |
| 2  | 2     | 3            | -                | - | C45/55   | cap          | 0.5    |
| 3  | 3     | 4            | -                | - | C45/55   | cap          | 0.5    |
| 4  | 4     | 5            | -                | - | C45/55   | cap          | 0.5    |
| 5  | 5     | 6            | -                | - | C45/55   | cap          | 0.5    |
| 6  | 6     | 7            | -                | - | C45/55   | cap          | 0.5    |
| 7  | 7     | 8            | -                | - | C45/55   | cap          | 0.5    |
| 8  | 8     | 9            | -                | - | C45/55   | cap          | 0.5    |
| 9  | 9     | 10           | -                | - | C45/55   | cap          | 0.5    |
| 10 | 10    | 11           | -                | - | C45/55   | cap          | 0.5    |
| 11 | 11    | 12           | -                | - | C45/55   | cap          | 0.5    |
| 12 | 12    | 13           | -                | - | C45/55   | cap          | 0.5    |
| 13 | 13    | 14           | -                | - | C45/55   | cap          | 0.5    |
| 14 | 14    | 15           | -                | - | C45/55   | cap          | 0.5    |
| 15 | 15    | 16           | -                | - | C45/55   | cap          | 0.5    |
| 16 | 16    | 17           | -                | - | C45/55   | cap          | 0.5    |
| 17 | 17    | 18           | -                | - | C45/55   | cap          | 0.5    |
| 18 | 18    | 19           | -                | - | C45/55   | cap          | 0.5    |
| 19 | 19    | 20           | -                | - | C45/55   | cap          | 0.5    |
| 20 | 20    | 21           | -                | - | C45/55   | cap          | 0.5    |
| 21 | 21    | 22           | -                | - | C45/55   | cap          | 0.5    |
| 22 | 22    | 23           | -                | - | C45/55   | cap          | 0.5    |
| 23 | 23    | 24           | -                | - | C45/55   | cap          | 0.5    |
| 24 | 24    | 25           | -                | - | C45/55   | cap          | 0.5    |
| 25 | 25    | 26           | -                | - | C45/55   | cap          | 0.5    |
| 26 | 26    | 27           | -                | - | C45/55   | cap          | 0.5    |
| 27 | 27    | 28           | -                | - | C45/55   | cap          | 0.5    |
| 28 | 28    | 29           | -                | - | C45/55   | cap          | 0.5    |
| 29 | 29    | 30           | -                | - | C45/55   | cap          | 0.5    |
| 30 | 30    | 31           | -                | - | C45/55   | cap          | 0.5    |
| 31 | 31    | 32           | -                | - | C45/55   | cap          | 0.5    |
| 32 | 32    | 33           | -                | - | C45/55   | cap          | 0.5    |
| 33 | 33    | 34           | -                | - | C45/55   | cap          | 0.5    |
| 34 | 34    | 35           | -                | - | C45/55   | cap          | 0.5    |
| 35 | 35    | 36           | -                | - | C45/55   | cap          | 0.5    |
| 36 | 36    | 37           | -                | - | C45/55   | cap          | 0.5    |
| 37 | 37    | 38           | -                | - | C45/55   | cap          | 0.5    |
| 38 | 38    | 39           | -                | - | C45/55   | cap          | 0.5    |
| 39 | 39    | 40           | -                | - | C45/55   | cap          | 0.5    |
| 40 | 40    | 41           | -                | - | C45/55   | cap          | 0.5    |
| 41 | 41    | 42           | -                | - | C45/55   | cap          | 0.5    |
| 42 | 42    | 43           | -                | - | C45/55   | cap          | 0.5    |
| 43 | 43    | 44           | -                | - | C45/55   | cap          | 0.5    |
| 44 | 44    | 45           | -                | - | C45/55   | cap          | 0.5    |
| 45 | 45    | 46           | -                | - | C45/55   | cap          | 0.5    |
| 46 | 46    | 47           | -                | - | C45/55   | cap          | 0.5    |
| 47 | 1     | 48           | -                | - | Rck35 p0 | traverso cap | 2      |
| 48 | 2     | 49           | -                | - | Rck35 p0 | soletta      | 2      |
| 49 | 3     | 50           | -                | - | Rck35 p0 | soletta      | 2      |
| 50 | 4     | 51           | -                | - | Rck35 p0 | soletta      | 2      |
| 51 | 5     | 52           | -                | - | Rck35 p0 | soletta      | 2      |
| 52 | 6     | 53           | -                | - | Rck35 p0 | soletta      | 2      |
| 53 | 7     | 54           | -                | - | Rck35 p0 | soletta      | 2      |
| 54 | 8     | 55           | -                | - | Rck35 p0 | soletta      | 2      |
| 55 | 9     | 56           | -                | - | Rck35 p0 | soletta      | 2      |
| 56 | 10    | 57           | -                | - | Rck35 p0 | soletta      | 2      |
| 57 | 11    | 58           | -                | - | Rck35 p0 | soletta      | 2      |
| 58 | 12    | 59           | -                | - | Rck35 p0 | soletta      | 2      |
| 59 | 13    | 60           | -                | - | Rck35 p0 | soletta      | 2      |
| 60 | 14    | 61           | -                | - | Rck35 p0 | soletta      | 2      |
| 61 | 15    | 62           | -                | - | Rck35 p0 | soletta      | 2      |
| 62 | 16    | 63           | -                | - | Rck35 p0 | soletta      | 2      |
| 63 | 17    | 64           | -                | - | Rck35 p0 | soletta      | 2      |
| 64 | 18    | 65           | -                | - | Rck35 p0 | soletta      | 2      |
| 65 | 19    | 66           | -                | - | Rck35 p0 | soletta      | 2      |
| 66 | 20    | 67           | -                | - | Rck35 p0 | soletta      | 2      |
| 67 | 21    | 68           | -                | - | Rck35 p0 | soletta      | 2      |
| 68 | 22    | 69           | -                | - | Rck35 p0 | soletta      | 2      |
| 69 | 23    | 70           | -                | - | Rck35 p0 | soletta      | 2      |
| 70 | 24    | 71           | -                | - | Rck35 p0 | soletta      | 2      |
| 71 | 25    | 72           | -                | - | Rck35 p0 | soletta      | 2      |
| 72 | 26    | 73           | -                | - | Rck35 p0 | soletta      | 2      |
| 73 | 27    | 74           | -                | - | Rck35 p0 | soletta      | 2      |
| 74 | 28    | 75           | -                | - | Rck35 p0 | soletta      | 2      |

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|     |    |     |   |   |          |              |     |
|-----|----|-----|---|---|----------|--------------|-----|
| 75  | 29 | 76  | - | - | Rck35 p0 | soletta      | 2   |
| 76  | 30 | 77  | - | - | Rck35 p0 | soletta      | 2   |
| 77  | 31 | 78  | - | - | Rck35 p0 | soletta      | 2   |
| 78  | 32 | 79  | - | - | Rck35 p0 | soletta      | 2   |
| 79  | 33 | 80  | - | - | Rck35 p0 | soletta      | 2   |
| 80  | 34 | 81  | - | - | Rck35 p0 | soletta      | 2   |
| 81  | 35 | 82  | - | - | Rck35 p0 | soletta      | 2   |
| 82  | 36 | 83  | - | - | Rck35 p0 | soletta      | 2   |
| 83  | 37 | 84  | - | - | Rck35 p0 | soletta      | 2   |
| 84  | 38 | 85  | - | - | Rck35 p0 | soletta      | 2   |
| 85  | 39 | 86  | - | - | Rck35 p0 | soletta      | 2   |
| 86  | 40 | 87  | - | - | Rck35 p0 | soletta      | 2   |
| 87  | 41 | 88  | - | - | Rck35 p0 | soletta      | 2   |
| 88  | 42 | 89  | - | - | Rck35 p0 | soletta      | 2   |
| 89  | 43 | 90  | - | - | Rck35 p0 | soletta      | 2   |
| 90  | 44 | 91  | - | - | Rck35 p0 | soletta      | 2   |
| 91  | 45 | 92  | - | - | Rck35 p0 | soletta      | 2   |
| 92  | 46 | 93  | - | - | Rck35 p0 | soletta      | 2   |
| 93  | 47 | 94  | - | - | Rck35 p0 | traverso cap | 2   |
| 94  | 48 | 49  | - | - | C45/55   | cap          | 0.5 |
| 95  | 49 | 50  | - | - | C45/55   | cap          | 0.5 |
| 96  | 50 | 51  | - | - | C45/55   | cap          | 0.5 |
| 97  | 51 | 52  | - | - | C45/55   | cap          | 0.5 |
| 98  | 52 | 53  | - | - | C45/55   | cap          | 0.5 |
| 99  | 53 | 54  | - | - | C45/55   | cap          | 0.5 |
| 100 | 54 | 55  | - | - | C45/55   | cap          | 0.5 |
| 101 | 55 | 56  | - | - | C45/55   | cap          | 0.5 |
| 102 | 56 | 57  | - | - | C45/55   | cap          | 0.5 |
| 103 | 57 | 58  | - | - | C45/55   | cap          | 0.5 |
| 104 | 58 | 59  | - | - | C45/55   | cap          | 0.5 |
| 105 | 59 | 60  | - | - | C45/55   | cap          | 0.5 |
| 106 | 60 | 61  | - | - | C45/55   | cap          | 0.5 |
| 107 | 61 | 62  | - | - | C45/55   | cap          | 0.5 |
| 108 | 62 | 63  | - | - | C45/55   | cap          | 0.5 |
| 109 | 63 | 64  | - | - | C45/55   | cap          | 0.5 |
| 110 | 64 | 65  | - | - | C45/55   | cap          | 0.5 |
| 111 | 65 | 66  | - | - | C45/55   | cap          | 0.5 |
| 112 | 66 | 67  | - | - | C45/55   | cap          | 0.5 |
| 113 | 67 | 68  | - | - | C45/55   | cap          | 0.5 |
| 114 | 68 | 69  | - | - | C45/55   | cap          | 0.5 |
| 115 | 69 | 70  | - | - | C45/55   | cap          | 0.5 |
| 116 | 70 | 71  | - | - | C45/55   | cap          | 0.5 |
| 117 | 71 | 72  | - | - | C45/55   | cap          | 0.5 |
| 118 | 72 | 73  | - | - | C45/55   | cap          | 0.5 |
| 119 | 73 | 74  | - | - | C45/55   | cap          | 0.5 |
| 120 | 74 | 75  | - | - | C45/55   | cap          | 0.5 |
| 121 | 75 | 76  | - | - | C45/55   | cap          | 0.5 |
| 122 | 76 | 77  | - | - | C45/55   | cap          | 0.5 |
| 123 | 77 | 78  | - | - | C45/55   | cap          | 0.5 |
| 124 | 78 | 79  | - | - | C45/55   | cap          | 0.5 |
| 125 | 79 | 80  | - | - | C45/55   | cap          | 0.5 |
| 126 | 80 | 81  | - | - | C45/55   | cap          | 0.5 |
| 127 | 81 | 82  | - | - | C45/55   | cap          | 0.5 |
| 128 | 82 | 83  | - | - | C45/55   | cap          | 0.5 |
| 129 | 83 | 84  | - | - | C45/55   | cap          | 0.5 |
| 130 | 84 | 85  | - | - | C45/55   | cap          | 0.5 |
| 131 | 85 | 86  | - | - | C45/55   | cap          | 0.5 |
| 132 | 86 | 87  | - | - | C45/55   | cap          | 0.5 |
| 133 | 87 | 88  | - | - | C45/55   | cap          | 0.5 |
| 134 | 88 | 89  | - | - | C45/55   | cap          | 0.5 |
| 135 | 89 | 90  | - | - | C45/55   | cap          | 0.5 |
| 136 | 90 | 91  | - | - | C45/55   | cap          | 0.5 |
| 137 | 91 | 92  | - | - | C45/55   | cap          | 0.5 |
| 138 | 92 | 93  | - | - | C45/55   | cap          | 0.5 |
| 139 | 93 | 94  | - | - | C45/55   | cap          | 0.5 |
| 140 | 48 | 95  | - | - | Rck35 p0 | traverso cap | 2   |
| 141 | 49 | 96  | - | - | Rck35 p0 | soletta      | 2   |
| 142 | 50 | 97  | - | - | Rck35 p0 | soletta      | 2   |
| 143 | 51 | 98  | - | - | Rck35 p0 | soletta      | 2   |
| 144 | 52 | 99  | - | - | Rck35 p0 | soletta      | 2   |
| 145 | 53 | 100 | - | - | Rck35 p0 | soletta      | 2   |
| 146 | 54 | 101 | - | - | Rck35 p0 | soletta      | 2   |
| 147 | 55 | 102 | - | - | Rck35 p0 | soletta      | 2   |
| 148 | 56 | 103 | - | - | Rck35 p0 | soletta      | 2   |
| 149 | 57 | 104 | - | - | Rck35 p0 | soletta      | 2   |
| 150 | 58 | 105 | - | - | Rck35 p0 | soletta      | 2   |
| 151 | 59 | 106 | - | - | Rck35 p0 | soletta      | 2   |
| 152 | 60 | 107 | - | - | Rck35 p0 | soletta      | 2   |
| 153 | 61 | 108 | - | - | Rck35 p0 | soletta      | 2   |
| 154 | 62 | 109 | - | - | Rck35 p0 | soletta      | 2   |
| 155 | 63 | 110 | - | - | Rck35 p0 | soletta      | 2   |
| 156 | 64 | 111 | - | - | Rck35 p0 | soletta      | 2   |
| 157 | 65 | 112 | - | - | Rck35 p0 | soletta      | 2   |
| 158 | 66 | 113 | - | - | Rck35 p0 | soletta      | 2   |
| 159 | 67 | 114 | - | - | Rck35 p0 | soletta      | 2   |
| 160 | 68 | 115 | - | - | Rck35 p0 | soletta      | 2   |
| 161 | 69 | 116 | - | - | Rck35 p0 | soletta      | 2   |
| 162 | 70 | 117 | - | - | Rck35 p0 | soletta      | 2   |
| 163 | 71 | 118 | - | - | Rck35 p0 | soletta      | 2   |
| 164 | 72 | 119 | - | - | Rck35 p0 | soletta      | 2   |
| 165 | 73 | 120 | - | - | Rck35 p0 | soletta      | 2   |
| 166 | 74 | 121 | - | - | Rck35 p0 | soletta      | 2   |
| 167 | 75 | 122 | - | - | Rck35 p0 | soletta      | 2   |
| 168 | 76 | 123 | - | - | Rck35 p0 | soletta      | 2   |
| 169 | 77 | 124 | - | - | Rck35 p0 | soletta      | 2   |
| 170 | 78 | 125 | - | - | Rck35 p0 | soletta      | 2   |
| 171 | 79 | 126 | - | - | Rck35 p0 | soletta      | 2   |
| 172 | 80 | 127 | - | - | Rck35 p0 | soletta      | 2   |
| 173 | 81 | 128 | - | - | Rck35 p0 | soletta      | 2   |
| 174 | 82 | 129 | - | - | Rck35 p0 | soletta      | 2   |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |     |
|-----|-----|-----|---|---|----------|--------------|-----|
| 175 | 83  | 130 | - | - | Rck35 p0 | soletta      | 2   |
| 176 | 84  | 131 | - | - | Rck35 p0 | soletta      | 2   |
| 177 | 85  | 132 | - | - | Rck35 p0 | soletta      | 2   |
| 178 | 86  | 133 | - | - | Rck35 p0 | soletta      | 2   |
| 179 | 87  | 134 | - | - | Rck35 p0 | soletta      | 2   |
| 180 | 88  | 135 | - | - | Rck35 p0 | soletta      | 2   |
| 181 | 89  | 136 | - | - | Rck35 p0 | soletta      | 2   |
| 182 | 90  | 137 | - | - | Rck35 p0 | soletta      | 2   |
| 183 | 91  | 138 | - | - | Rck35 p0 | soletta      | 2   |
| 184 | 92  | 139 | - | - | Rck35 p0 | soletta      | 2   |
| 185 | 93  | 140 | - | - | Rck35 p0 | soletta      | 2   |
| 186 | 94  | 141 | - | - | Rck35 p0 | traverso cap | 2   |
| 187 | 95  | 96  | - | - | C45/55   | cap          | 0.5 |
| 188 | 96  | 97  | - | - | C45/55   | cap          | 0.5 |
| 189 | 97  | 98  | - | - | C45/55   | cap          | 0.5 |
| 190 | 98  | 99  | - | - | C45/55   | cap          | 0.5 |
| 191 | 99  | 100 | - | - | C45/55   | cap          | 0.5 |
| 192 | 100 | 101 | - | - | C45/55   | cap          | 0.5 |
| 193 | 101 | 102 | - | - | C45/55   | cap          | 0.5 |
| 194 | 102 | 103 | - | - | C45/55   | cap          | 0.5 |
| 195 | 103 | 104 | - | - | C45/55   | cap          | 0.5 |
| 196 | 104 | 105 | - | - | C45/55   | cap          | 0.5 |
| 197 | 105 | 106 | - | - | C45/55   | cap          | 0.5 |
| 198 | 106 | 107 | - | - | C45/55   | cap          | 0.5 |
| 199 | 107 | 108 | - | - | C45/55   | cap          | 0.5 |
| 200 | 108 | 109 | - | - | C45/55   | cap          | 0.5 |
| 201 | 109 | 110 | - | - | C45/55   | cap          | 0.5 |
| 202 | 110 | 111 | - | - | C45/55   | cap          | 0.5 |
| 203 | 111 | 112 | - | - | C45/55   | cap          | 0.5 |
| 204 | 112 | 113 | - | - | C45/55   | cap          | 0.5 |
| 205 | 113 | 114 | - | - | C45/55   | cap          | 0.5 |
| 206 | 114 | 115 | - | - | C45/55   | cap          | 0.5 |
| 207 | 115 | 116 | - | - | C45/55   | cap          | 0.5 |
| 208 | 116 | 117 | - | - | C45/55   | cap          | 0.5 |
| 209 | 117 | 118 | - | - | C45/55   | cap          | 0.5 |
| 210 | 118 | 119 | - | - | C45/55   | cap          | 0.5 |
| 211 | 119 | 120 | - | - | C45/55   | cap          | 0.5 |
| 212 | 120 | 121 | - | - | C45/55   | cap          | 0.5 |
| 213 | 121 | 122 | - | - | C45/55   | cap          | 0.5 |
| 214 | 122 | 123 | - | - | C45/55   | cap          | 0.5 |
| 215 | 123 | 124 | - | - | C45/55   | cap          | 0.5 |
| 216 | 124 | 125 | - | - | C45/55   | cap          | 0.5 |
| 217 | 125 | 126 | - | - | C45/55   | cap          | 0.5 |
| 218 | 126 | 127 | - | - | C45/55   | cap          | 0.5 |
| 219 | 127 | 128 | - | - | C45/55   | cap          | 0.5 |
| 220 | 128 | 129 | - | - | C45/55   | cap          | 0.5 |
| 221 | 129 | 130 | - | - | C45/55   | cap          | 0.5 |
| 222 | 130 | 131 | - | - | C45/55   | cap          | 0.5 |
| 223 | 131 | 132 | - | - | C45/55   | cap          | 0.5 |
| 224 | 132 | 133 | - | - | C45/55   | cap          | 0.5 |
| 225 | 133 | 134 | - | - | C45/55   | cap          | 0.5 |
| 226 | 134 | 135 | - | - | C45/55   | cap          | 0.5 |
| 227 | 135 | 136 | - | - | C45/55   | cap          | 0.5 |
| 228 | 136 | 137 | - | - | C45/55   | cap          | 0.5 |
| 229 | 137 | 138 | - | - | C45/55   | cap          | 0.5 |
| 230 | 138 | 139 | - | - | C45/55   | cap          | 0.5 |
| 231 | 139 | 140 | - | - | C45/55   | cap          | 0.5 |
| 232 | 140 | 141 | - | - | C45/55   | cap          | 0.5 |
| 233 | 95  | 142 | - | - | Rck35 p0 | traverso cap | 2   |
| 234 | 96  | 143 | - | - | Rck35 p0 | soletta      | 2   |
| 235 | 97  | 144 | - | - | Rck35 p0 | soletta      | 2   |
| 236 | 98  | 145 | - | - | Rck35 p0 | soletta      | 2   |
| 237 | 99  | 146 | - | - | Rck35 p0 | soletta      | 2   |
| 238 | 100 | 147 | - | - | Rck35 p0 | soletta      | 2   |
| 239 | 101 | 148 | - | - | Rck35 p0 | soletta      | 2   |
| 240 | 102 | 149 | - | - | Rck35 p0 | soletta      | 2   |
| 241 | 103 | 150 | - | - | Rck35 p0 | soletta      | 2   |
| 242 | 104 | 151 | - | - | Rck35 p0 | soletta      | 2   |
| 243 | 105 | 152 | - | - | Rck35 p0 | soletta      | 2   |
| 244 | 106 | 153 | - | - | Rck35 p0 | soletta      | 2   |
| 245 | 107 | 154 | - | - | Rck35 p0 | soletta      | 2   |
| 246 | 108 | 155 | - | - | Rck35 p0 | soletta      | 2   |
| 247 | 109 | 156 | - | - | Rck35 p0 | soletta      | 2   |
| 248 | 110 | 157 | - | - | Rck35 p0 | soletta      | 2   |
| 249 | 111 | 158 | - | - | Rck35 p0 | soletta      | 2   |
| 250 | 112 | 159 | - | - | Rck35 p0 | soletta      | 2   |
| 251 | 113 | 160 | - | - | Rck35 p0 | soletta      | 2   |
| 252 | 114 | 161 | - | - | Rck35 p0 | soletta      | 2   |
| 253 | 115 | 162 | - | - | Rck35 p0 | soletta      | 2   |
| 254 | 116 | 163 | - | - | Rck35 p0 | soletta      | 2   |
| 255 | 117 | 164 | - | - | Rck35 p0 | soletta      | 2   |
| 256 | 118 | 165 | - | - | Rck35 p0 | soletta      | 2   |
| 257 | 119 | 166 | - | - | Rck35 p0 | soletta      | 2   |
| 258 | 120 | 167 | - | - | Rck35 p0 | soletta      | 2   |
| 259 | 121 | 168 | - | - | Rck35 p0 | soletta      | 2   |
| 260 | 122 | 169 | - | - | Rck35 p0 | soletta      | 2   |
| 261 | 123 | 170 | - | - | Rck35 p0 | soletta      | 2   |
| 262 | 124 | 171 | - | - | Rck35 p0 | soletta      | 2   |
| 263 | 125 | 172 | - | - | Rck35 p0 | soletta      | 2   |
| 264 | 126 | 173 | - | - | Rck35 p0 | soletta      | 2   |
| 265 | 127 | 174 | - | - | Rck35 p0 | soletta      | 2   |
| 266 | 128 | 175 | - | - | Rck35 p0 | soletta      | 2   |
| 267 | 129 | 176 | - | - | Rck35 p0 | soletta      | 2   |
| 268 | 130 | 177 | - | - | Rck35 p0 | soletta      | 2   |
| 269 | 131 | 178 | - | - | Rck35 p0 | soletta      | 2   |
| 270 | 132 | 179 | - | - | Rck35 p0 | soletta      | 2   |
| 271 | 133 | 180 | - | - | Rck35 p0 | soletta      | 2   |
| 272 | 134 | 181 | - | - | Rck35 p0 | soletta      | 2   |
| 273 | 135 | 182 | - | - | Rck35 p0 | soletta      | 2   |
| 274 | 136 | 183 | - | - | Rck35 p0 | soletta      | 2   |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |     |
|-----|-----|-----|---|---|----------|--------------|-----|
| 275 | 137 | 184 | - | - | Rck35 p0 | soletta      | 2   |
| 276 | 138 | 185 | - | - | Rck35 p0 | soletta      | 2   |
| 277 | 139 | 186 | - | - | Rck35 p0 | soletta      | 2   |
| 278 | 140 | 187 | - | - | Rck35 p0 | soletta      | 2   |
| 279 | 141 | 188 | - | - | Rck35 p0 | traverso cap | 2   |
| 280 | 142 | 143 | - | - | C45/55   | cap          | 0.5 |
| 281 | 143 | 144 | - | - | C45/55   | cap          | 0.5 |
| 282 | 144 | 145 | - | - | C45/55   | cap          | 0.5 |
| 283 | 145 | 146 | - | - | C45/55   | cap          | 0.5 |
| 284 | 146 | 147 | - | - | C45/55   | cap          | 0.5 |
| 285 | 147 | 148 | - | - | C45/55   | cap          | 0.5 |
| 286 | 148 | 149 | - | - | C45/55   | cap          | 0.5 |
| 287 | 149 | 150 | - | - | C45/55   | cap          | 0.5 |
| 288 | 150 | 151 | - | - | C45/55   | cap          | 0.5 |
| 289 | 151 | 152 | - | - | C45/55   | cap          | 0.5 |
| 290 | 152 | 153 | - | - | C45/55   | cap          | 0.5 |
| 291 | 153 | 154 | - | - | C45/55   | cap          | 0.5 |
| 292 | 154 | 155 | - | - | C45/55   | cap          | 0.5 |
| 293 | 155 | 156 | - | - | C45/55   | cap          | 0.5 |
| 294 | 156 | 157 | - | - | C45/55   | cap          | 0.5 |
| 295 | 157 | 158 | - | - | C45/55   | cap          | 0.5 |
| 296 | 158 | 159 | - | - | C45/55   | cap          | 0.5 |
| 297 | 159 | 160 | - | - | C45/55   | cap          | 0.5 |
| 298 | 160 | 161 | - | - | C45/55   | cap          | 0.5 |
| 299 | 161 | 162 | - | - | C45/55   | cap          | 0.5 |
| 300 | 162 | 163 | - | - | C45/55   | cap          | 0.5 |
| 301 | 163 | 164 | - | - | C45/55   | cap          | 0.5 |
| 302 | 164 | 165 | - | - | C45/55   | cap          | 0.5 |
| 303 | 165 | 166 | - | - | C45/55   | cap          | 0.5 |
| 304 | 166 | 167 | - | - | C45/55   | cap          | 0.5 |
| 305 | 167 | 168 | - | - | C45/55   | cap          | 0.5 |
| 306 | 168 | 169 | - | - | C45/55   | cap          | 0.5 |
| 307 | 169 | 170 | - | - | C45/55   | cap          | 0.5 |
| 308 | 170 | 171 | - | - | C45/55   | cap          | 0.5 |
| 309 | 171 | 172 | - | - | C45/55   | cap          | 0.5 |
| 310 | 172 | 173 | - | - | C45/55   | cap          | 0.5 |
| 311 | 173 | 174 | - | - | C45/55   | cap          | 0.5 |
| 312 | 174 | 175 | - | - | C45/55   | cap          | 0.5 |
| 313 | 175 | 176 | - | - | C45/55   | cap          | 0.5 |
| 314 | 176 | 177 | - | - | C45/55   | cap          | 0.5 |
| 315 | 177 | 178 | - | - | C45/55   | cap          | 0.5 |
| 316 | 178 | 179 | - | - | C45/55   | cap          | 0.5 |
| 317 | 179 | 180 | - | - | C45/55   | cap          | 0.5 |
| 318 | 180 | 181 | - | - | C45/55   | cap          | 0.5 |
| 319 | 181 | 182 | - | - | C45/55   | cap          | 0.5 |
| 320 | 182 | 183 | - | - | C45/55   | cap          | 0.5 |
| 321 | 183 | 184 | - | - | C45/55   | cap          | 0.5 |
| 322 | 184 | 185 | - | - | C45/55   | cap          | 0.5 |
| 323 | 185 | 186 | - | - | C45/55   | cap          | 0.5 |
| 324 | 186 | 187 | - | - | C45/55   | cap          | 0.5 |
| 325 | 187 | 188 | - | - | C45/55   | cap          | 0.5 |
| 326 | 142 | 189 | - | - | Rck35 p0 | traverso cap | 2   |
| 327 | 143 | 190 | - | - | Rck35 p0 | soletta      | 2   |
| 328 | 144 | 191 | - | - | Rck35 p0 | soletta      | 2   |
| 329 | 145 | 192 | - | - | Rck35 p0 | soletta      | 2   |
| 330 | 146 | 193 | - | - | Rck35 p0 | soletta      | 2   |
| 331 | 147 | 194 | - | - | Rck35 p0 | soletta      | 2   |
| 332 | 148 | 195 | - | - | Rck35 p0 | soletta      | 2   |
| 333 | 149 | 196 | - | - | Rck35 p0 | soletta      | 2   |
| 334 | 150 | 197 | - | - | Rck35 p0 | soletta      | 2   |
| 335 | 151 | 198 | - | - | Rck35 p0 | soletta      | 2   |
| 336 | 152 | 199 | - | - | Rck35 p0 | soletta      | 2   |
| 337 | 153 | 200 | - | - | Rck35 p0 | soletta      | 2   |
| 338 | 154 | 201 | - | - | Rck35 p0 | soletta      | 2   |
| 339 | 155 | 202 | - | - | Rck35 p0 | soletta      | 2   |
| 340 | 156 | 203 | - | - | Rck35 p0 | soletta      | 2   |
| 341 | 157 | 204 | - | - | Rck35 p0 | soletta      | 2   |
| 342 | 158 | 205 | - | - | Rck35 p0 | soletta      | 2   |
| 343 | 159 | 206 | - | - | Rck35 p0 | soletta      | 2   |
| 344 | 160 | 207 | - | - | Rck35 p0 | soletta      | 2   |
| 345 | 161 | 208 | - | - | Rck35 p0 | soletta      | 2   |
| 346 | 162 | 209 | - | - | Rck35 p0 | soletta      | 2   |
| 347 | 163 | 210 | - | - | Rck35 p0 | soletta      | 2   |
| 348 | 164 | 211 | - | - | Rck35 p0 | soletta      | 2   |
| 349 | 165 | 212 | - | - | Rck35 p0 | soletta      | 2   |
| 350 | 166 | 213 | - | - | Rck35 p0 | soletta      | 2   |
| 351 | 167 | 214 | - | - | Rck35 p0 | soletta      | 2   |
| 352 | 168 | 215 | - | - | Rck35 p0 | soletta      | 2   |
| 353 | 169 | 216 | - | - | Rck35 p0 | soletta      | 2   |
| 354 | 170 | 217 | - | - | Rck35 p0 | soletta      | 2   |
| 355 | 171 | 218 | - | - | Rck35 p0 | soletta      | 2   |
| 356 | 172 | 219 | - | - | Rck35 p0 | soletta      | 2   |
| 357 | 173 | 220 | - | - | Rck35 p0 | soletta      | 2   |
| 358 | 174 | 221 | - | - | Rck35 p0 | soletta      | 2   |
| 359 | 175 | 222 | - | - | Rck35 p0 | soletta      | 2   |
| 360 | 176 | 223 | - | - | Rck35 p0 | soletta      | 2   |
| 361 | 177 | 224 | - | - | Rck35 p0 | soletta      | 2   |
| 362 | 178 | 225 | - | - | Rck35 p0 | soletta      | 2   |
| 363 | 179 | 226 | - | - | Rck35 p0 | soletta      | 2   |
| 364 | 180 | 227 | - | - | Rck35 p0 | soletta      | 2   |
| 365 | 181 | 228 | - | - | Rck35 p0 | soletta      | 2   |
| 366 | 182 | 229 | - | - | Rck35 p0 | soletta      | 2   |
| 367 | 183 | 230 | - | - | Rck35 p0 | soletta      | 2   |
| 368 | 184 | 231 | - | - | Rck35 p0 | soletta      | 2   |
| 369 | 185 | 232 | - | - | Rck35 p0 | soletta      | 2   |
| 370 | 186 | 233 | - | - | Rck35 p0 | soletta      | 2   |
| 371 | 187 | 234 | - | - | Rck35 p0 | soletta      | 2   |
| 372 | 188 | 235 | - | - | Rck35 p0 | traverso cap | 2   |
| 373 | 189 | 190 | - | - | C45/55   | cap          | 0.5 |
| 374 | 190 | 191 | - | - | C45/55   | cap          | 0.5 |



Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |     |
|-----|-----|-----|---|---|----------|--------------|-----|
| 375 | 191 | 192 | - | - | C45/55   | cap          | 0.5 |
| 376 | 192 | 193 | - | - | C45/55   | cap          | 0.5 |
| 377 | 193 | 194 | - | - | C45/55   | cap          | 0.5 |
| 378 | 194 | 195 | - | - | C45/55   | cap          | 0.5 |
| 379 | 195 | 196 | - | - | C45/55   | cap          | 0.5 |
| 380 | 196 | 197 | - | - | C45/55   | cap          | 0.5 |
| 381 | 197 | 198 | - | - | C45/55   | cap          | 0.5 |
| 382 | 198 | 199 | - | - | C45/55   | cap          | 0.5 |
| 383 | 199 | 200 | - | - | C45/55   | cap          | 0.5 |
| 384 | 200 | 201 | - | - | C45/55   | cap          | 0.5 |
| 385 | 201 | 202 | - | - | C45/55   | cap          | 0.5 |
| 386 | 202 | 203 | - | - | C45/55   | cap          | 0.5 |
| 387 | 203 | 204 | - | - | C45/55   | cap          | 0.5 |
| 388 | 204 | 205 | - | - | C45/55   | cap          | 0.5 |
| 389 | 205 | 206 | - | - | C45/55   | cap          | 0.5 |
| 390 | 206 | 207 | - | - | C45/55   | cap          | 0.5 |
| 391 | 207 | 208 | - | - | C45/55   | cap          | 0.5 |
| 392 | 208 | 209 | - | - | C45/55   | cap          | 0.5 |
| 393 | 209 | 210 | - | - | C45/55   | cap          | 0.5 |
| 394 | 210 | 211 | - | - | C45/55   | cap          | 0.5 |
| 395 | 211 | 212 | - | - | C45/55   | cap          | 0.5 |
| 396 | 212 | 213 | - | - | C45/55   | cap          | 0.5 |
| 397 | 213 | 214 | - | - | C45/55   | cap          | 0.5 |
| 398 | 214 | 215 | - | - | C45/55   | cap          | 0.5 |
| 399 | 215 | 216 | - | - | C45/55   | cap          | 0.5 |
| 400 | 216 | 217 | - | - | C45/55   | cap          | 0.5 |
| 401 | 217 | 218 | - | - | C45/55   | cap          | 0.5 |
| 402 | 218 | 219 | - | - | C45/55   | cap          | 0.5 |
| 403 | 219 | 220 | - | - | C45/55   | cap          | 0.5 |
| 404 | 220 | 221 | - | - | C45/55   | cap          | 0.5 |
| 405 | 221 | 222 | - | - | C45/55   | cap          | 0.5 |
| 406 | 222 | 223 | - | - | C45/55   | cap          | 0.5 |
| 407 | 223 | 224 | - | - | C45/55   | cap          | 0.5 |
| 408 | 224 | 225 | - | - | C45/55   | cap          | 0.5 |
| 409 | 225 | 226 | - | - | C45/55   | cap          | 0.5 |
| 410 | 226 | 227 | - | - | C45/55   | cap          | 0.5 |
| 411 | 227 | 228 | - | - | C45/55   | cap          | 0.5 |
| 412 | 228 | 229 | - | - | C45/55   | cap          | 0.5 |
| 413 | 229 | 230 | - | - | C45/55   | cap          | 0.5 |
| 414 | 230 | 231 | - | - | C45/55   | cap          | 0.5 |
| 415 | 231 | 232 | - | - | C45/55   | cap          | 0.5 |
| 416 | 232 | 233 | - | - | C45/55   | cap          | 0.5 |
| 417 | 233 | 234 | - | - | C45/55   | cap          | 0.5 |
| 418 | 234 | 235 | - | - | C45/55   | cap          | 0.5 |
| 419 | 189 | 236 | - | - | Rck35 p0 | traverso cap | 2   |
| 420 | 190 | 237 | - | - | Rck35 p0 | soletta      | 2   |
| 421 | 191 | 238 | - | - | Rck35 p0 | soletta      | 2   |
| 422 | 192 | 239 | - | - | Rck35 p0 | soletta      | 2   |
| 423 | 193 | 240 | - | - | Rck35 p0 | soletta      | 2   |
| 424 | 194 | 241 | - | - | Rck35 p0 | soletta      | 2   |
| 425 | 195 | 242 | - | - | Rck35 p0 | soletta      | 2   |
| 426 | 196 | 243 | - | - | Rck35 p0 | soletta      | 2   |
| 427 | 197 | 244 | - | - | Rck35 p0 | soletta      | 2   |
| 428 | 198 | 245 | - | - | Rck35 p0 | soletta      | 2   |
| 429 | 199 | 246 | - | - | Rck35 p0 | soletta      | 2   |
| 430 | 200 | 247 | - | - | Rck35 p0 | soletta      | 2   |
| 431 | 201 | 248 | - | - | Rck35 p0 | soletta      | 2   |
| 432 | 202 | 249 | - | - | Rck35 p0 | soletta      | 2   |
| 433 | 203 | 250 | - | - | Rck35 p0 | soletta      | 2   |
| 434 | 204 | 251 | - | - | Rck35 p0 | soletta      | 2   |
| 435 | 205 | 252 | - | - | Rck35 p0 | soletta      | 2   |
| 436 | 206 | 253 | - | - | Rck35 p0 | soletta      | 2   |
| 437 | 207 | 254 | - | - | Rck35 p0 | soletta      | 2   |
| 438 | 208 | 255 | - | - | Rck35 p0 | soletta      | 2   |
| 439 | 209 | 256 | - | - | Rck35 p0 | soletta      | 2   |
| 440 | 210 | 257 | - | - | Rck35 p0 | soletta      | 2   |
| 441 | 211 | 258 | - | - | Rck35 p0 | soletta      | 2   |
| 442 | 212 | 259 | - | - | Rck35 p0 | soletta      | 2   |
| 443 | 213 | 260 | - | - | Rck35 p0 | soletta      | 2   |
| 444 | 214 | 261 | - | - | Rck35 p0 | soletta      | 2   |
| 445 | 215 | 262 | - | - | Rck35 p0 | soletta      | 2   |
| 446 | 216 | 263 | - | - | Rck35 p0 | soletta      | 2   |
| 447 | 217 | 264 | - | - | Rck35 p0 | soletta      | 2   |
| 448 | 218 | 265 | - | - | Rck35 p0 | soletta      | 2   |
| 449 | 219 | 266 | - | - | Rck35 p0 | soletta      | 2   |
| 450 | 220 | 267 | - | - | Rck35 p0 | soletta      | 2   |
| 451 | 221 | 268 | - | - | Rck35 p0 | soletta      | 2   |
| 452 | 222 | 269 | - | - | Rck35 p0 | soletta      | 2   |
| 453 | 223 | 270 | - | - | Rck35 p0 | soletta      | 2   |
| 454 | 224 | 271 | - | - | Rck35 p0 | soletta      | 2   |
| 455 | 225 | 272 | - | - | Rck35 p0 | soletta      | 2   |
| 456 | 226 | 273 | - | - | Rck35 p0 | soletta      | 2   |
| 457 | 227 | 274 | - | - | Rck35 p0 | soletta      | 2   |
| 458 | 228 | 275 | - | - | Rck35 p0 | soletta      | 2   |
| 459 | 229 | 276 | - | - | Rck35 p0 | soletta      | 2   |
| 460 | 230 | 277 | - | - | Rck35 p0 | soletta      | 2   |
| 461 | 231 | 278 | - | - | Rck35 p0 | soletta      | 2   |
| 462 | 232 | 279 | - | - | Rck35 p0 | soletta      | 2   |
| 463 | 233 | 280 | - | - | Rck35 p0 | soletta      | 2   |
| 464 | 234 | 281 | - | - | Rck35 p0 | soletta      | 2   |
| 465 | 235 | 282 | - | - | Rck35 p0 | traverso cap | 2   |
| 466 | 236 | 237 | - | - | C45/55   | cap          | 0.5 |
| 467 | 237 | 238 | - | - | C45/55   | cap          | 0.5 |
| 468 | 238 | 239 | - | - | C45/55   | cap          | 0.5 |
| 469 | 239 | 240 | - | - | C45/55   | cap          | 0.5 |
| 470 | 240 | 241 | - | - | C45/55   | cap          | 0.5 |
| 471 | 241 | 242 | - | - | C45/55   | cap          | 0.5 |
| 472 | 242 | 243 | - | - | C45/55   | cap          | 0.5 |
| 473 | 243 | 244 | - | - | C45/55   | cap          | 0.5 |
| 474 | 244 | 245 | - | - | C45/55   | cap          | 0.5 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |      |
|-----|-----|-----|---|---|----------|--------------|------|
| 475 | 245 | 246 | - | - | C45/55   | cap          | 0.5  |
| 476 | 246 | 247 | - | - | C45/55   | cap          | 0.5  |
| 477 | 247 | 248 | - | - | C45/55   | cap          | 0.5  |
| 478 | 248 | 249 | - | - | C45/55   | cap          | 0.5  |
| 479 | 249 | 250 | - | - | C45/55   | cap          | 0.5  |
| 480 | 250 | 251 | - | - | C45/55   | cap          | 0.5  |
| 481 | 251 | 252 | - | - | C45/55   | cap          | 0.5  |
| 482 | 252 | 253 | - | - | C45/55   | cap          | 0.5  |
| 483 | 253 | 254 | - | - | C45/55   | cap          | 0.5  |
| 484 | 254 | 255 | - | - | C45/55   | cap          | 0.5  |
| 485 | 255 | 256 | - | - | C45/55   | cap          | 0.5  |
| 486 | 256 | 257 | - | - | C45/55   | cap          | 0.5  |
| 487 | 257 | 258 | - | - | C45/55   | cap          | 0.5  |
| 488 | 258 | 259 | - | - | C45/55   | cap          | 0.5  |
| 489 | 259 | 260 | - | - | C45/55   | cap          | 0.5  |
| 490 | 260 | 261 | - | - | C45/55   | cap          | 0.5  |
| 491 | 261 | 262 | - | - | C45/55   | cap          | 0.5  |
| 492 | 262 | 263 | - | - | C45/55   | cap          | 0.5  |
| 493 | 263 | 264 | - | - | C45/55   | cap          | 0.5  |
| 494 | 264 | 265 | - | - | C45/55   | cap          | 0.5  |
| 495 | 265 | 266 | - | - | C45/55   | cap          | 0.5  |
| 496 | 266 | 267 | - | - | C45/55   | cap          | 0.5  |
| 497 | 267 | 268 | - | - | C45/55   | cap          | 0.5  |
| 498 | 268 | 269 | - | - | C45/55   | cap          | 0.5  |
| 499 | 269 | 270 | - | - | C45/55   | cap          | 0.5  |
| 500 | 270 | 271 | - | - | C45/55   | cap          | 0.5  |
| 501 | 271 | 272 | - | - | C45/55   | cap          | 0.5  |
| 502 | 272 | 273 | - | - | C45/55   | cap          | 0.5  |
| 503 | 273 | 274 | - | - | C45/55   | cap          | 0.5  |
| 504 | 274 | 275 | - | - | C45/55   | cap          | 0.5  |
| 505 | 275 | 276 | - | - | C45/55   | cap          | 0.5  |
| 506 | 276 | 277 | - | - | C45/55   | cap          | 0.5  |
| 507 | 277 | 278 | - | - | C45/55   | cap          | 0.5  |
| 508 | 278 | 279 | - | - | C45/55   | cap          | 0.5  |
| 509 | 279 | 280 | - | - | C45/55   | cap          | 0.5  |
| 510 | 280 | 281 | - | - | C45/55   | cap          | 0.5  |
| 511 | 281 | 282 | - | - | C45/55   | cap          | 0.5  |
| 512 | 236 | 283 | - | - | Rck35 p0 | traverso cap | 1.25 |
| 513 | 237 | 284 | - | - | Rck35 p0 | soletta      | 1.25 |
| 514 | 238 | 285 | - | - | Rck35 p0 | soletta      | 1.25 |
| 515 | 239 | 286 | - | - | Rck35 p0 | soletta      | 1.25 |
| 516 | 240 | 287 | - | - | Rck35 p0 | soletta      | 1.25 |
| 517 | 241 | 288 | - | - | Rck35 p0 | soletta      | 1.25 |
| 518 | 242 | 289 | - | - | Rck35 p0 | soletta      | 1.25 |
| 519 | 243 | 290 | - | - | Rck35 p0 | soletta      | 1.25 |
| 520 | 244 | 291 | - | - | Rck35 p0 | soletta      | 1.25 |
| 521 | 245 | 292 | - | - | Rck35 p0 | soletta      | 1.25 |
| 522 | 246 | 293 | - | - | Rck35 p0 | soletta      | 1.25 |
| 523 | 247 | 294 | - | - | Rck35 p0 | soletta      | 1.25 |
| 524 | 248 | 295 | - | - | Rck35 p0 | soletta      | 1.25 |
| 525 | 249 | 296 | - | - | Rck35 p0 | soletta      | 1.25 |
| 526 | 250 | 297 | - | - | Rck35 p0 | soletta      | 1.25 |
| 527 | 251 | 298 | - | - | Rck35 p0 | soletta      | 1.25 |
| 528 | 252 | 299 | - | - | Rck35 p0 | soletta      | 1.25 |
| 529 | 253 | 300 | - | - | Rck35 p0 | soletta      | 1.25 |
| 530 | 254 | 301 | - | - | Rck35 p0 | soletta      | 1.25 |
| 531 | 255 | 302 | - | - | Rck35 p0 | soletta      | 1.25 |
| 532 | 256 | 303 | - | - | Rck35 p0 | soletta      | 1.25 |
| 533 | 257 | 304 | - | - | Rck35 p0 | soletta      | 1.25 |
| 534 | 258 | 305 | - | - | Rck35 p0 | soletta      | 1.25 |
| 535 | 259 | 306 | - | - | Rck35 p0 | soletta      | 1.25 |
| 536 | 260 | 307 | - | - | Rck35 p0 | soletta      | 1.25 |
| 537 | 261 | 308 | - | - | Rck35 p0 | soletta      | 1.25 |
| 538 | 262 | 309 | - | - | Rck35 p0 | soletta      | 1.25 |
| 539 | 263 | 310 | - | - | Rck35 p0 | soletta      | 1.25 |
| 540 | 264 | 311 | - | - | Rck35 p0 | soletta      | 1.25 |
| 541 | 265 | 312 | - | - | Rck35 p0 | soletta      | 1.25 |
| 542 | 266 | 313 | - | - | Rck35 p0 | soletta      | 1.25 |
| 543 | 267 | 314 | - | - | Rck35 p0 | soletta      | 1.25 |
| 544 | 268 | 315 | - | - | Rck35 p0 | soletta      | 1.25 |
| 545 | 269 | 316 | - | - | Rck35 p0 | soletta      | 1.25 |
| 546 | 270 | 317 | - | - | Rck35 p0 | soletta      | 1.25 |
| 547 | 271 | 318 | - | - | Rck35 p0 | soletta      | 1.25 |
| 548 | 272 | 319 | - | - | Rck35 p0 | soletta      | 1.25 |
| 549 | 273 | 320 | - | - | Rck35 p0 | soletta      | 1.25 |
| 550 | 274 | 321 | - | - | Rck35 p0 | soletta      | 1.25 |
| 551 | 275 | 322 | - | - | Rck35 p0 | soletta      | 1.25 |
| 552 | 276 | 323 | - | - | Rck35 p0 | soletta      | 1.25 |
| 553 | 277 | 324 | - | - | Rck35 p0 | soletta      | 1.25 |
| 554 | 278 | 325 | - | - | Rck35 p0 | soletta      | 1.25 |
| 555 | 279 | 326 | - | - | Rck35 p0 | soletta      | 1.25 |
| 556 | 280 | 327 | - | - | Rck35 p0 | soletta      | 1.25 |
| 557 | 281 | 328 | - | - | Rck35 p0 | soletta      | 1.25 |
| 558 | 282 | 329 | - | - | Rck35 p0 | traverso cap | 1.25 |
| 559 | 330 | 1   | - | - | Rck35 p0 | traverso cap | 1.25 |
| 560 | 331 | 2   | - | - | Rck35 p0 | soletta      | 1.25 |
| 561 | 332 | 3   | - | - | Rck35 p0 | soletta      | 1.25 |
| 562 | 333 | 4   | - | - | Rck35 p0 | soletta      | 1.25 |
| 563 | 334 | 5   | - | - | Rck35 p0 | soletta      | 1.25 |
| 564 | 335 | 6   | - | - | Rck35 p0 | soletta      | 1.25 |
| 565 | 336 | 7   | - | - | Rck35 p0 | soletta      | 1.25 |
| 566 | 337 | 8   | - | - | Rck35 p0 | soletta      | 1.25 |
| 567 | 338 | 9   | - | - | Rck35 p0 | soletta      | 1.25 |
| 568 | 339 | 10  | - | - | Rck35 p0 | soletta      | 1.25 |
| 569 | 340 | 11  | - | - | Rck35 p0 | soletta      | 1.25 |
| 570 | 341 | 12  | - | - | Rck35 p0 | soletta      | 1.25 |
| 571 | 342 | 13  | - | - | Rck35 p0 | soletta      | 1.25 |
| 572 | 343 | 14  | - | - | Rck35 p0 | soletta      | 1.25 |
| 573 | 344 | 15  | - | - | Rck35 p0 | soletta      | 1.25 |
| 574 | 345 | 16  | - | - | Rck35 p0 | soletta      | 1.25 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |    |   |   |          |              |      |
|-----|-----|----|---|---|----------|--------------|------|
| 575 | 346 | 17 | - | - | Rck35 p0 | soletta      | 1.25 |
| 576 | 347 | 18 | - | - | Rck35 p0 | soletta      | 1.25 |
| 577 | 348 | 19 | - | - | Rck35 p0 | soletta      | 1.25 |
| 578 | 349 | 20 | - | - | Rck35 p0 | soletta      | 1.25 |
| 579 | 350 | 21 | - | - | Rck35 p0 | soletta      | 1.25 |
| 580 | 351 | 22 | - | - | Rck35 p0 | soletta      | 1.25 |
| 581 | 352 | 23 | - | - | Rck35 p0 | soletta      | 1.25 |
| 582 | 353 | 24 | - | - | Rck35 p0 | soletta      | 1.25 |
| 583 | 354 | 25 | - | - | Rck35 p0 | soletta      | 1.25 |
| 584 | 355 | 26 | - | - | Rck35 p0 | soletta      | 1.25 |
| 585 | 356 | 27 | - | - | Rck35 p0 | soletta      | 1.25 |
| 586 | 357 | 28 | - | - | Rck35 p0 | soletta      | 1.25 |
| 587 | 358 | 29 | - | - | Rck35 p0 | soletta      | 1.25 |
| 588 | 359 | 30 | - | - | Rck35 p0 | soletta      | 1.25 |
| 589 | 360 | 31 | - | - | Rck35 p0 | soletta      | 1.25 |
| 590 | 361 | 32 | - | - | Rck35 p0 | soletta      | 1.25 |
| 591 | 362 | 33 | - | - | Rck35 p0 | soletta      | 1.25 |
| 592 | 363 | 34 | - | - | Rck35 p0 | soletta      | 1.25 |
| 593 | 364 | 35 | - | - | Rck35 p0 | soletta      | 1.25 |
| 594 | 365 | 36 | - | - | Rck35 p0 | soletta      | 1.25 |
| 595 | 366 | 37 | - | - | Rck35 p0 | soletta      | 1.25 |
| 596 | 367 | 38 | - | - | Rck35 p0 | soletta      | 1.25 |
| 597 | 368 | 39 | - | - | Rck35 p0 | soletta      | 1.25 |
| 598 | 369 | 40 | - | - | Rck35 p0 | soletta      | 1.25 |
| 599 | 370 | 41 | - | - | Rck35 p0 | soletta      | 1.25 |
| 600 | 371 | 42 | - | - | Rck35 p0 | soletta      | 1.25 |
| 601 | 372 | 43 | - | - | Rck35 p0 | soletta      | 1.25 |
| 602 | 373 | 44 | - | - | Rck35 p0 | soletta      | 1.25 |
| 603 | 374 | 45 | - | - | Rck35 p0 | soletta      | 1.25 |
| 604 | 375 | 46 | - | - | Rck35 p0 | soletta      | 1.25 |
| 605 | 376 | 47 | - | - | Rck35 p0 | traverso cap | 1.25 |

\*\*\* TOTAL WEIGHT / VOLUME / SURFACE AREA SUMMARY

| SECTION NO | SECTION NAME | SURFACE AREA | VOLUMN | WEIGHT | FRAME NUMBER | TRUSS NUMBER |
|------------|--------------|--------------|--------|--------|--------------|--------------|
| 1          | cap          | 1619         | 149.4  | 3517   | 276          | 0            |
| 2          | trave        | 0            | 0      | 0      | 0            | 0            |
| 3          | soletta      | 810          | 61.88  | 0      | 315          | 0            |
| 4          | traverso cap | 83.5         | 12.7   | 0      | 14           | 0            |
| 5          | traverso     | 0            | 0      | 0      | 0            | 0            |
| 6          | traverso     | 0            | 0      | 0      | 0            | 0            |
| 7          | travel       | 0            | 0      | 0      | 0            | 0            |
| 8          | travel       | 0            | 0      | 0      | 0            | 0            |
| 9          | trave2       | 0            | 0      | 0      | 0            | 0            |
| 10         | scat         | 0            | 0      | 0      | 0            | 0            |

\*\*\* LOAD DATA

; Self Weight, Nodal Load, Specified Displacement, Beam Load, Floor Load, Finishing Material Load, System Temperature, Nodal Temperature, Element Temperature, Beam Section Temperature, Wind Load, Static Seismic Load, Time History Analysis Data

[ LOAD CASE : pp ]

\*\* SELF WEIGHT DATA

; X=0, Y=0, Z=-1

\*\* BEAM LOAD DATA

| MEMBER | TYPE         | DIR. | PROJ. | D1 | P1 | D2 | P2 | D3 | P3 | D4 | P4 |
|--------|--------------|------|-------|----|----|----|----|----|----|----|----|
| 1      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 2      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 3      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 4      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 5      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 6      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 7      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 8      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 9      | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 10     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 11     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 12     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 13     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 14     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 15     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 16     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 17     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 18     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 19     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 20     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 21     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 22     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 23     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 24     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 25     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 26     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 27     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 28     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 29     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 30     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 31     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 32     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |
| 33     | Uniform Load | GZ   | NO    | 0  | -2 | 1  | -2 | 0  | 0  | 0  | 0  |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |              |    |    |   |    |   |    |   |   |   |   |
|-----|--------------|----|----|---|----|---|----|---|---|---|---|
| 34  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 35  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 36  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 37  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 38  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 39  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 40  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 41  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 42  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 43  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 44  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 45  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 46  | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 466 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 467 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 468 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 469 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 470 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 471 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 472 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 473 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 474 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 475 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 476 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 477 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 478 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 479 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 480 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 481 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 482 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 483 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 484 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 485 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 486 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 487 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 488 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 489 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 490 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 491 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 492 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 493 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 494 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 495 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 496 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 497 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 498 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 499 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 500 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 501 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 502 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 503 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 504 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 505 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 506 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 507 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 508 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 509 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 510 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |
| 511 | Uniform Load | GZ | NO | 0 | -2 | 1 | -2 | 0 | 0 | 0 | 0 |

[ LOAD CASE : perm ]

\*\* BEAM LOAD DATA

| MEMBER | TYPE         | DIR. | PROJ. | D1 | P1  | D2 | P2  | D3 | P3 | D4 | P4 |
|--------|--------------|------|-------|----|-----|----|-----|----|----|----|----|
| 1      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 2      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 3      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 4      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 5      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 6      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 7      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 8      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 9      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 10     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 11     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 12     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 13     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 14     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 15     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 16     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 17     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 18     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 19     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 20     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 21     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 22     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 23     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 24     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 25     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 26     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 27     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 28     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 29     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 30     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 31     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 32     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 33     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |





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|     |              |    |    |   |     |   |     |   |   |   |   |
|-----|--------------|----|----|---|-----|---|-----|---|---|---|---|
| 469 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 470 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 471 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 472 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 473 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 474 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 475 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 476 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 477 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 478 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 479 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 480 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 481 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 482 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 483 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 484 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 485 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 486 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 487 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 488 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 489 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 490 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 491 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 492 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 493 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 494 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 495 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 496 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 497 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 498 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 499 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 500 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 501 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 502 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 503 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 504 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 505 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 506 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 507 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 508 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 509 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 510 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 511 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |

\*\*\* LOAD COMBINATION DATA

\*\* GENERAL

| NO | NAME | TYPE | ACTIVE | DESCRIPTION |
|----|------|------|--------|-------------|
| 1  | sle  | Add  | ACTIVE |             |
| 2  | SLU  | Add  | ACTIVE |             |

## 11. Tabulati di input – Stato di Progetto Impalcato

### \*\*\* PROJECT INFORMATION

Project Name :  
Date : 2013/9/25

### \*\*\* CONTROL DATA

Panel Zone Effect : Do not Calculate  
Unit System : KN, M  
Definition of Frame  
- X Direction of Frame : Unbraced I Sway  
- Y Direction of Frame : Unbraced I Sway  
- Design Type : 3-D  
Design Code  
- Steel : Eurocode3:05  
- Concrete : Eurocode2:04  
- SRC : SSRCT9

### \*\*\* LOAD CASE DATA

| NO | NAME | TYPE | SELF WEIGHT FACTOR |       |        | DESCRIPTION |
|----|------|------|--------------------|-------|--------|-------------|
|    |      |      | X                  | Y     | Z      |             |
| 1  | pp   | D    | 0.000              | 0.000 | -1.000 |             |
| 2  | perm | D    | 0.000              | 0.000 | 0.000  |             |
| 3  | acc  | L    | 0.000              | 0.000 | 0.000  |             |

### \*\*\* MATERIAL PROPERTY DATA

| NO | NAME     | TYPE  | MODULUS OF ELASTICITY |            | SHEAR MODULUS | THERMAL COEFF. | POISSON RATIO | WEIGHT DENSITY |
|----|----------|-------|-----------------------|------------|---------------|----------------|---------------|----------------|
|    |          |       | STEEL                 | CONCRETE   |               |                |               |                |
| 1  | C45/55   | CONC  | 3.568e+007            | 1.487e+007 |               | 1e-005         | 0.2           | 23.54          |
| 2  | Rck35 p0 | CONC  | 3.231e+007            | 1.346e+007 |               | 1e-005         | 0.2           | 0              |
| 3  | S355     | STEEL | 2.1e+008              | 8.077e+007 |               | 1.2e-005       | 0.3           | 76.98          |

| NO | NAME     | TYPE  | STRENGTH OF DESIGN MATERIAL |          |            |           |
|----|----------|-------|-----------------------------|----------|------------|-----------|
|    |          |       | STEEL                       | CONCRETE | MAIN REBAR | SUB REBAR |
| 1  | C45/55   | CONC  | -                           | 4.5e+004 | 4e+005     | 4e+005    |
| 2  | Rck35 p0 | CONC  | -                           | 0        | 4e+005     | 4e+005    |
| 3  | S355     | STEEL | 3.55e+005                   | -        | -          | -         |

### \*\*\* SUPPORT / SPECIFIED DISPLACEMENT / POINT SPRING SUPPORT

#### \*\* SUPPORT / SPECIFIED DISPLACEMENT

| NODE | SUPPORT | SPECIFIED DISPLACEMENT |        |        |        |        |        |        |
|------|---------|------------------------|--------|--------|--------|--------|--------|--------|
|      |         | DDRRR                  | Dx     | Dy     | Dz     | Rx     | Ry     | Rz     |
| 2    | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 46   | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 49   | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 93   | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 96   | 111000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 140  | 011000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 143  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 187  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 190  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 234  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 237  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 281  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 284  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 328  | 001000  |                        | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

### \*\*\* SECTION PROPERTY DATA

| NO | NAME       | SHAPE | H    | B   | tw   | tf1  |    | r1 |
|----|------------|-------|------|-----|------|------|----|----|
|    |            |       |      |     |      | ix   | iy |    |
| 1  | cap        | GEN   | 0    | 0   | 0    | 0    | 0  | 0  |
| 2  | trave      | B     | 1.05 | 1.2 | 0.01 | 0.01 | 0  | 0  |
| 3  | soletta    | SB    | 0.22 | 0.5 | 0    | 0    | 0  | 0  |
| 4  | traverso ~ | SB    | 1.27 | 0.4 | 0    | 0    | 0  | 0  |
| 6  | traverso   | C     | 0.65 | 0.3 | 0.02 | 0.02 | 0  | 0  |
| 10 | scat       | B     | 1.14 | 1.2 | 0.02 | 0.08 | 0  | 0  |

| NO | NAME       | STIFFNESS SCALE FACTOR |     |     |    |    |    | Boundary Group |
|----|------------|------------------------|-----|-----|----|----|----|----------------|
|    |            | A                      | Asy | Asz | Ix | Iy | Iz |                |
| 1  | cap        |                        |     |     |    |    |    |                |
| 2  | trave      |                        |     |     |    |    |    |                |
| 3  | soletta    |                        |     |     |    |    |    |                |
| 4  | traverso ~ |                        |     |     |    |    |    |                |
| 6  | traverso   |                        |     |     |    |    |    |                |
| 10 | scat       |                        |     |     |    |    |    |                |

| NO | NAME | AREA | MOMENT OF INERTIA | SHAPE FACTOR |
|----|------|------|-------------------|--------------|
|----|------|------|-------------------|--------------|



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|    | [SRC:EQIV.] | Ix     | Iy         | Iz        | k-Y      | k-Z    |        |
|----|-------------|--------|------------|-----------|----------|--------|--------|
| 1  | cap         | 1.083  | 0.1672     | 0.2374    | 0.3096   | 0.5832 | 0.2977 |
| 2  | trave       | 0.08   | 0.00207    | 0.01325   | 0.007813 | 0.75   | 0.2625 |
| 3  | soletta     | 0.11   | 0.001284   | 0.0004437 | 0.002292 | 0.8333 | 0.8333 |
| 4  | traverso ~  | 0.508  | 0.02172    | 0.06828   | 0.006773 | 0.8333 | 0.8333 |
| 6  | traverso    | 0.0242 | 3.227e-006 | 0.001569  | 0.000209 | 0.4132 | 0.5372 |
| 10 | scat        | 0.1848 | 0.02666    | 0.04207   | 0.02554  | 0.7792 | 0.2468 |

| NO | NAME       | SECTION MODULUS Sy |            | SECTION MODULUS Sz |            |
|----|------------|--------------------|------------|--------------------|------------|
|    |            | I or CONC.         | J or STEEL | I or CONC.         | J or STEEL |
| 2  | trave      | 0.01775            | 0.01775    | 0.01302            | 0.01302    |
| 3  | soletta    | 0.004033           | 0.004033   | 0.009167           | 0.009167   |
| 4  | traverso ~ | 0.1075             | 0.1075     | 0.03387            | 0.03387    |
| 6  | traverso   | 0.004829           | 0.004829   | 0.0009474          | 0.0009474  |
| 10 | scat       | 0.06026            | 0.06026    | 0.04257            | 0.04257    |

\*\*\* BEAM MEMBER DATA

| NO | NODAL | CONNECTIVITY |   | BEAM END RELEASE |          | MATERIAL     | SECTION | LENGTH |
|----|-------|--------------|---|------------------|----------|--------------|---------|--------|
|    |       | I            | J | I                | J        |              |         |        |
| 1  | 1     | 2            | - | -                | C45/55   | cap          | 0.5     |        |
| 2  | 2     | 3            | - | -                | C45/55   | cap          | 0.5     |        |
| 3  | 3     | 4            | - | -                | C45/55   | cap          | 0.5     |        |
| 4  | 4     | 5            | - | -                | C45/55   | cap          | 0.5     |        |
| 5  | 5     | 6            | - | -                | C45/55   | cap          | 0.5     |        |
| 6  | 6     | 7            | - | -                | C45/55   | cap          | 0.5     |        |
| 7  | 7     | 8            | - | -                | C45/55   | cap          | 0.5     |        |
| 8  | 8     | 9            | - | -                | C45/55   | cap          | 0.5     |        |
| 9  | 9     | 10           | - | -                | C45/55   | cap          | 0.5     |        |
| 10 | 10    | 11           | - | -                | C45/55   | cap          | 0.5     |        |
| 11 | 11    | 12           | - | -                | C45/55   | cap          | 0.5     |        |
| 12 | 12    | 13           | - | -                | C45/55   | cap          | 0.5     |        |
| 13 | 13    | 14           | - | -                | C45/55   | cap          | 0.5     |        |
| 14 | 14    | 15           | - | -                | C45/55   | cap          | 0.5     |        |
| 15 | 15    | 16           | - | -                | C45/55   | cap          | 0.5     |        |
| 16 | 16    | 17           | - | -                | C45/55   | cap          | 0.5     |        |
| 17 | 17    | 18           | - | -                | C45/55   | cap          | 0.5     |        |
| 18 | 18    | 19           | - | -                | C45/55   | cap          | 0.5     |        |
| 19 | 19    | 20           | - | -                | C45/55   | cap          | 0.5     |        |
| 20 | 20    | 21           | - | -                | C45/55   | cap          | 0.5     |        |
| 21 | 21    | 22           | - | -                | C45/55   | cap          | 0.5     |        |
| 22 | 22    | 23           | - | -                | C45/55   | cap          | 0.5     |        |
| 23 | 23    | 24           | - | -                | C45/55   | cap          | 0.5     |        |
| 24 | 24    | 25           | - | -                | C45/55   | cap          | 0.5     |        |
| 25 | 25    | 26           | - | -                | C45/55   | cap          | 0.5     |        |
| 26 | 26    | 27           | - | -                | C45/55   | cap          | 0.5     |        |
| 27 | 27    | 28           | - | -                | C45/55   | cap          | 0.5     |        |
| 28 | 28    | 29           | - | -                | C45/55   | cap          | 0.5     |        |
| 29 | 29    | 30           | - | -                | C45/55   | cap          | 0.5     |        |
| 30 | 30    | 31           | - | -                | C45/55   | cap          | 0.5     |        |
| 31 | 31    | 32           | - | -                | C45/55   | cap          | 0.5     |        |
| 32 | 32    | 33           | - | -                | C45/55   | cap          | 0.5     |        |
| 33 | 33    | 34           | - | -                | C45/55   | cap          | 0.5     |        |
| 34 | 34    | 35           | - | -                | C45/55   | cap          | 0.5     |        |
| 35 | 35    | 36           | - | -                | C45/55   | cap          | 0.5     |        |
| 36 | 36    | 37           | - | -                | C45/55   | cap          | 0.5     |        |
| 37 | 37    | 38           | - | -                | C45/55   | cap          | 0.5     |        |
| 38 | 38    | 39           | - | -                | C45/55   | cap          | 0.5     |        |
| 39 | 39    | 40           | - | -                | C45/55   | cap          | 0.5     |        |
| 40 | 40    | 41           | - | -                | C45/55   | cap          | 0.5     |        |
| 41 | 41    | 42           | - | -                | C45/55   | cap          | 0.5     |        |
| 42 | 42    | 43           | - | -                | C45/55   | cap          | 0.5     |        |
| 43 | 43    | 44           | - | -                | C45/55   | cap          | 0.5     |        |
| 44 | 44    | 45           | - | -                | C45/55   | cap          | 0.5     |        |
| 45 | 45    | 46           | - | -                | C45/55   | cap          | 0.5     |        |
| 46 | 46    | 47           | - | -                | C45/55   | cap          | 0.5     |        |
| 47 | 1     | 48           | - | -                | Rck35 p0 | traverso cap | 2       |        |
| 48 | 2     | 49           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 49 | 3     | 50           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 50 | 4     | 51           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 51 | 5     | 52           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 52 | 6     | 53           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 53 | 7     | 54           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 54 | 8     | 55           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 55 | 9     | 56           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 56 | 10    | 57           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 57 | 11    | 58           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 58 | 12    | 59           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 59 | 13    | 60           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 60 | 14    | 61           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 61 | 15    | 62           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 62 | 16    | 63           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 63 | 17    | 64           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 64 | 18    | 65           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 65 | 19    | 66           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 66 | 20    | 67           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 67 | 21    | 68           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 68 | 22    | 69           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 69 | 23    | 70           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 70 | 24    | 71           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 71 | 25    | 72           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 72 | 26    | 73           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 73 | 27    | 74           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 74 | 28    | 75           | - | -                | Rck35 p0 | soletta      | 2       |        |
| 75 | 29    | 76           | - | -                | Rck35 p0 | soletta      | 2       |        |

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|     |    |     |   |   |          |              |     |
|-----|----|-----|---|---|----------|--------------|-----|
| 76  | 30 | 77  | - | - | Rck35 p0 | soletta      | 2   |
| 77  | 31 | 78  | - | - | Rck35 p0 | soletta      | 2   |
| 78  | 32 | 79  | - | - | Rck35 p0 | soletta      | 2   |
| 79  | 33 | 80  | - | - | Rck35 p0 | soletta      | 2   |
| 80  | 34 | 81  | - | - | Rck35 p0 | soletta      | 2   |
| 81  | 35 | 82  | - | - | Rck35 p0 | soletta      | 2   |
| 82  | 36 | 83  | - | - | Rck35 p0 | soletta      | 2   |
| 83  | 37 | 84  | - | - | Rck35 p0 | soletta      | 2   |
| 84  | 38 | 85  | - | - | Rck35 p0 | soletta      | 2   |
| 85  | 39 | 86  | - | - | Rck35 p0 | soletta      | 2   |
| 86  | 40 | 87  | - | - | Rck35 p0 | soletta      | 2   |
| 87  | 41 | 88  | - | - | Rck35 p0 | soletta      | 2   |
| 88  | 42 | 89  | - | - | Rck35 p0 | soletta      | 2   |
| 89  | 43 | 90  | - | - | Rck35 p0 | soletta      | 2   |
| 90  | 44 | 91  | - | - | Rck35 p0 | soletta      | 2   |
| 91  | 45 | 92  | - | - | Rck35 p0 | soletta      | 2   |
| 92  | 46 | 93  | - | - | Rck35 p0 | soletta      | 2   |
| 93  | 47 | 94  | - | - | Rck35 p0 | soletta      | 2   |
| 94  | 48 | 49  | - | - | Rck35 p0 | traverso cap | 2   |
| 95  | 49 | 50  | - | - | C45/55   | cap          | 0.5 |
| 96  | 50 | 51  | - | - | C45/55   | cap          | 0.5 |
| 97  | 51 | 52  | - | - | C45/55   | cap          | 0.5 |
| 98  | 52 | 53  | - | - | C45/55   | cap          | 0.5 |
| 99  | 53 | 54  | - | - | C45/55   | cap          | 0.5 |
| 100 | 54 | 55  | - | - | C45/55   | cap          | 0.5 |
| 101 | 55 | 56  | - | - | C45/55   | cap          | 0.5 |
| 102 | 56 | 57  | - | - | C45/55   | cap          | 0.5 |
| 103 | 57 | 58  | - | - | C45/55   | cap          | 0.5 |
| 104 | 58 | 59  | - | - | C45/55   | cap          | 0.5 |
| 105 | 59 | 60  | - | - | C45/55   | cap          | 0.5 |
| 106 | 60 | 61  | - | - | C45/55   | cap          | 0.5 |
| 107 | 61 | 62  | - | - | C45/55   | cap          | 0.5 |
| 108 | 62 | 63  | - | - | C45/55   | cap          | 0.5 |
| 109 | 63 | 64  | - | - | C45/55   | cap          | 0.5 |
| 110 | 64 | 65  | - | - | C45/55   | cap          | 0.5 |
| 111 | 65 | 66  | - | - | C45/55   | cap          | 0.5 |
| 112 | 66 | 67  | - | - | C45/55   | cap          | 0.5 |
| 113 | 67 | 68  | - | - | C45/55   | cap          | 0.5 |
| 114 | 68 | 69  | - | - | C45/55   | cap          | 0.5 |
| 115 | 69 | 70  | - | - | C45/55   | cap          | 0.5 |
| 116 | 70 | 71  | - | - | C45/55   | cap          | 0.5 |
| 117 | 71 | 72  | - | - | C45/55   | cap          | 0.5 |
| 118 | 72 | 73  | - | - | C45/55   | cap          | 0.5 |
| 119 | 73 | 74  | - | - | C45/55   | cap          | 0.5 |
| 120 | 74 | 75  | - | - | C45/55   | cap          | 0.5 |
| 121 | 75 | 76  | - | - | C45/55   | cap          | 0.5 |
| 122 | 76 | 77  | - | - | C45/55   | cap          | 0.5 |
| 123 | 77 | 78  | - | - | C45/55   | cap          | 0.5 |
| 124 | 78 | 79  | - | - | C45/55   | cap          | 0.5 |
| 125 | 79 | 80  | - | - | C45/55   | cap          | 0.5 |
| 126 | 80 | 81  | - | - | C45/55   | cap          | 0.5 |
| 127 | 81 | 82  | - | - | C45/55   | cap          | 0.5 |
| 128 | 82 | 83  | - | - | C45/55   | cap          | 0.5 |
| 129 | 83 | 84  | - | - | C45/55   | cap          | 0.5 |
| 130 | 84 | 85  | - | - | C45/55   | cap          | 0.5 |
| 131 | 85 | 86  | - | - | C45/55   | cap          | 0.5 |
| 132 | 86 | 87  | - | - | C45/55   | cap          | 0.5 |
| 133 | 87 | 88  | - | - | C45/55   | cap          | 0.5 |
| 134 | 88 | 89  | - | - | C45/55   | cap          | 0.5 |
| 135 | 89 | 90  | - | - | C45/55   | cap          | 0.5 |
| 136 | 90 | 91  | - | - | C45/55   | cap          | 0.5 |
| 137 | 91 | 92  | - | - | C45/55   | cap          | 0.5 |
| 138 | 92 | 93  | - | - | C45/55   | cap          | 0.5 |
| 139 | 93 | 94  | - | - | C45/55   | cap          | 0.5 |
| 140 | 48 | 95  | - | - | Rck35 p0 | traverso cap | 2   |
| 141 | 49 | 96  | - | - | Rck35 p0 | soletta      | 2   |
| 142 | 50 | 97  | - | - | Rck35 p0 | soletta      | 2   |
| 143 | 51 | 98  | - | - | Rck35 p0 | soletta      | 2   |
| 144 | 52 | 99  | - | - | Rck35 p0 | soletta      | 2   |
| 145 | 53 | 100 | - | - | Rck35 p0 | soletta      | 2   |
| 146 | 54 | 101 | - | - | Rck35 p0 | soletta      | 2   |
| 147 | 55 | 102 | - | - | Rck35 p0 | soletta      | 2   |
| 148 | 56 | 103 | - | - | Rck35 p0 | soletta      | 2   |
| 149 | 57 | 104 | - | - | Rck35 p0 | soletta      | 2   |
| 150 | 58 | 105 | - | - | Rck35 p0 | soletta      | 2   |
| 151 | 59 | 106 | - | - | Rck35 p0 | soletta      | 2   |
| 152 | 60 | 107 | - | - | Rck35 p0 | soletta      | 2   |
| 153 | 61 | 108 | - | - | Rck35 p0 | soletta      | 2   |
| 154 | 62 | 109 | - | - | Rck35 p0 | soletta      | 2   |
| 155 | 63 | 110 | - | - | Rck35 p0 | soletta      | 2   |
| 156 | 64 | 111 | - | - | Rck35 p0 | soletta      | 2   |
| 157 | 65 | 112 | - | - | Rck35 p0 | soletta      | 2   |
| 158 | 66 | 113 | - | - | Rck35 p0 | soletta      | 2   |
| 159 | 67 | 114 | - | - | Rck35 p0 | soletta      | 2   |
| 160 | 68 | 115 | - | - | Rck35 p0 | soletta      | 2   |
| 161 | 69 | 116 | - | - | Rck35 p0 | soletta      | 2   |
| 162 | 70 | 117 | - | - | Rck35 p0 | soletta      | 2   |
| 163 | 71 | 118 | - | - | Rck35 p0 | soletta      | 2   |
| 164 | 72 | 119 | - | - | Rck35 p0 | soletta      | 2   |
| 165 | 73 | 120 | - | - | Rck35 p0 | soletta      | 2   |
| 166 | 74 | 121 | - | - | Rck35 p0 | soletta      | 2   |
| 167 | 75 | 122 | - | - | Rck35 p0 | soletta      | 2   |
| 168 | 76 | 123 | - | - | Rck35 p0 | soletta      | 2   |
| 169 | 77 | 124 | - | - | Rck35 p0 | soletta      | 2   |
| 170 | 78 | 125 | - | - | Rck35 p0 | soletta      | 2   |
| 171 | 79 | 126 | - | - | Rck35 p0 | soletta      | 2   |
| 172 | 80 | 127 | - | - | Rck35 p0 | soletta      | 2   |
| 173 | 81 | 128 | - | - | Rck35 p0 | soletta      | 2   |
| 174 | 82 | 129 | - | - | Rck35 p0 | soletta      | 2   |
| 175 | 83 | 130 | - | - | Rck35 p0 | soletta      | 2   |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |     |
|-----|-----|-----|---|---|----------|--------------|-----|
| 176 | 84  | 131 | - | - | Rck35 p0 | soletta      | 2   |
| 177 | 85  | 132 | - | - | Rck35 p0 | soletta      | 2   |
| 178 | 86  | 133 | - | - | Rck35 p0 | soletta      | 2   |
| 179 | 87  | 134 | - | - | Rck35 p0 | soletta      | 2   |
| 180 | 88  | 135 | - | - | Rck35 p0 | soletta      | 2   |
| 181 | 89  | 136 | - | - | Rck35 p0 | soletta      | 2   |
| 182 | 90  | 137 | - | - | Rck35 p0 | soletta      | 2   |
| 183 | 91  | 138 | - | - | Rck35 p0 | soletta      | 2   |
| 184 | 92  | 139 | - | - | Rck35 p0 | soletta      | 2   |
| 185 | 93  | 140 | - | - | Rck35 p0 | soletta      | 2   |
| 186 | 94  | 141 | - | - | Rck35 p0 | traverso cap | 2   |
| 187 | 95  | 96  | - | - | C45/55   | cap          | 0.5 |
| 188 | 96  | 97  | - | - | C45/55   | cap          | 0.5 |
| 189 | 97  | 98  | - | - | C45/55   | cap          | 0.5 |
| 190 | 98  | 99  | - | - | C45/55   | cap          | 0.5 |
| 191 | 99  | 100 | - | - | C45/55   | cap          | 0.5 |
| 192 | 100 | 101 | - | - | C45/55   | cap          | 0.5 |
| 193 | 101 | 102 | - | - | C45/55   | cap          | 0.5 |
| 194 | 102 | 103 | - | - | C45/55   | cap          | 0.5 |
| 195 | 103 | 104 | - | - | C45/55   | cap          | 0.5 |
| 196 | 104 | 105 | - | - | C45/55   | cap          | 0.5 |
| 197 | 105 | 106 | - | - | C45/55   | cap          | 0.5 |
| 198 | 106 | 107 | - | - | C45/55   | cap          | 0.5 |
| 199 | 107 | 108 | - | - | C45/55   | cap          | 0.5 |
| 200 | 108 | 109 | - | - | C45/55   | cap          | 0.5 |
| 201 | 109 | 110 | - | - | C45/55   | cap          | 0.5 |
| 202 | 110 | 111 | - | - | C45/55   | cap          | 0.5 |
| 203 | 111 | 112 | - | - | C45/55   | cap          | 0.5 |
| 204 | 112 | 113 | - | - | C45/55   | cap          | 0.5 |
| 205 | 113 | 114 | - | - | C45/55   | cap          | 0.5 |
| 206 | 114 | 115 | - | - | C45/55   | cap          | 0.5 |
| 207 | 115 | 116 | - | - | C45/55   | cap          | 0.5 |
| 208 | 116 | 117 | - | - | C45/55   | cap          | 0.5 |
| 209 | 117 | 118 | - | - | C45/55   | cap          | 0.5 |
| 210 | 118 | 119 | - | - | C45/55   | cap          | 0.5 |
| 211 | 119 | 120 | - | - | C45/55   | cap          | 0.5 |
| 212 | 120 | 121 | - | - | C45/55   | cap          | 0.5 |
| 213 | 121 | 122 | - | - | C45/55   | cap          | 0.5 |
| 214 | 122 | 123 | - | - | C45/55   | cap          | 0.5 |
| 215 | 123 | 124 | - | - | C45/55   | cap          | 0.5 |
| 216 | 124 | 125 | - | - | C45/55   | cap          | 0.5 |
| 217 | 125 | 126 | - | - | C45/55   | cap          | 0.5 |
| 218 | 126 | 127 | - | - | C45/55   | cap          | 0.5 |
| 219 | 127 | 128 | - | - | C45/55   | cap          | 0.5 |
| 220 | 128 | 129 | - | - | C45/55   | cap          | 0.5 |
| 221 | 129 | 130 | - | - | C45/55   | cap          | 0.5 |
| 222 | 130 | 131 | - | - | C45/55   | cap          | 0.5 |
| 223 | 131 | 132 | - | - | C45/55   | cap          | 0.5 |
| 224 | 132 | 133 | - | - | C45/55   | cap          | 0.5 |
| 225 | 133 | 134 | - | - | C45/55   | cap          | 0.5 |
| 226 | 134 | 135 | - | - | C45/55   | cap          | 0.5 |
| 227 | 135 | 136 | - | - | C45/55   | cap          | 0.5 |
| 228 | 136 | 137 | - | - | C45/55   | cap          | 0.5 |
| 229 | 137 | 138 | - | - | C45/55   | cap          | 0.5 |
| 230 | 138 | 139 | - | - | C45/55   | cap          | 0.5 |
| 231 | 139 | 140 | - | - | C45/55   | cap          | 0.5 |
| 232 | 140 | 141 | - | - | C45/55   | cap          | 0.5 |
| 233 | 95  | 142 | - | - | Rck35 p0 | traverso cap | 2   |
| 234 | 96  | 143 | - | - | Rck35 p0 | soletta      | 2   |
| 235 | 97  | 144 | - | - | Rck35 p0 | soletta      | 2   |
| 236 | 98  | 145 | - | - | Rck35 p0 | soletta      | 2   |
| 237 | 99  | 146 | - | - | Rck35 p0 | soletta      | 2   |
| 238 | 100 | 147 | - | - | Rck35 p0 | soletta      | 2   |
| 239 | 101 | 148 | - | - | Rck35 p0 | soletta      | 2   |
| 240 | 102 | 149 | - | - | Rck35 p0 | soletta      | 2   |
| 241 | 103 | 150 | - | - | Rck35 p0 | soletta      | 2   |
| 242 | 104 | 151 | - | - | Rck35 p0 | soletta      | 2   |
| 243 | 105 | 152 | - | - | Rck35 p0 | soletta      | 2   |
| 244 | 106 | 153 | - | - | Rck35 p0 | soletta      | 2   |
| 245 | 107 | 154 | - | - | Rck35 p0 | soletta      | 2   |
| 246 | 108 | 155 | - | - | Rck35 p0 | soletta      | 2   |
| 247 | 109 | 156 | - | - | Rck35 p0 | soletta      | 2   |
| 248 | 110 | 157 | - | - | Rck35 p0 | soletta      | 2   |
| 249 | 111 | 158 | - | - | Rck35 p0 | soletta      | 2   |
| 250 | 112 | 159 | - | - | Rck35 p0 | soletta      | 2   |
| 251 | 113 | 160 | - | - | Rck35 p0 | soletta      | 2   |
| 252 | 114 | 161 | - | - | Rck35 p0 | soletta      | 2   |
| 253 | 115 | 162 | - | - | Rck35 p0 | soletta      | 2   |
| 254 | 116 | 163 | - | - | Rck35 p0 | soletta      | 2   |
| 255 | 117 | 164 | - | - | Rck35 p0 | soletta      | 2   |
| 256 | 118 | 165 | - | - | Rck35 p0 | soletta      | 2   |
| 257 | 119 | 166 | - | - | Rck35 p0 | soletta      | 2   |
| 258 | 120 | 167 | - | - | Rck35 p0 | soletta      | 2   |
| 259 | 121 | 168 | - | - | Rck35 p0 | soletta      | 2   |
| 260 | 122 | 169 | - | - | Rck35 p0 | soletta      | 2   |
| 261 | 123 | 170 | - | - | Rck35 p0 | soletta      | 2   |
| 262 | 124 | 171 | - | - | Rck35 p0 | soletta      | 2   |
| 263 | 125 | 172 | - | - | Rck35 p0 | soletta      | 2   |
| 264 | 126 | 173 | - | - | Rck35 p0 | soletta      | 2   |
| 265 | 127 | 174 | - | - | Rck35 p0 | soletta      | 2   |
| 266 | 128 | 175 | - | - | Rck35 p0 | soletta      | 2   |
| 267 | 129 | 176 | - | - | Rck35 p0 | soletta      | 2   |
| 268 | 130 | 177 | - | - | Rck35 p0 | soletta      | 2   |
| 269 | 131 | 178 | - | - | Rck35 p0 | soletta      | 2   |
| 270 | 132 | 179 | - | - | Rck35 p0 | soletta      | 2   |
| 271 | 133 | 180 | - | - | Rck35 p0 | soletta      | 2   |
| 272 | 134 | 181 | - | - | Rck35 p0 | soletta      | 2   |
| 273 | 135 | 182 | - | - | Rck35 p0 | soletta      | 2   |
| 274 | 136 | 183 | - | - | Rck35 p0 | soletta      | 2   |
| 275 | 137 | 184 | - | - | Rck35 p0 | soletta      | 2   |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |     |
|-----|-----|-----|---|---|----------|--------------|-----|
| 276 | 138 | 185 | - | - | Rck35 p0 | soletta      | 2   |
| 277 | 139 | 186 | - | - | Rck35 p0 | soletta      | 2   |
| 278 | 140 | 187 | - | - | Rck35 p0 | soletta      | 2   |
| 279 | 141 | 188 | - | - | Rck35 p0 | traverso cap | 2   |
| 280 | 142 | 143 | - | - | C45/55   | cap          | 0.5 |
| 281 | 143 | 144 | - | - | C45/55   | cap          | 0.5 |
| 282 | 144 | 145 | - | - | C45/55   | cap          | 0.5 |
| 283 | 145 | 146 | - | - | C45/55   | cap          | 0.5 |
| 284 | 146 | 147 | - | - | C45/55   | cap          | 0.5 |
| 285 | 147 | 148 | - | - | C45/55   | cap          | 0.5 |
| 286 | 148 | 149 | - | - | C45/55   | cap          | 0.5 |
| 287 | 149 | 150 | - | - | C45/55   | cap          | 0.5 |
| 288 | 150 | 151 | - | - | C45/55   | cap          | 0.5 |
| 289 | 151 | 152 | - | - | C45/55   | cap          | 0.5 |
| 290 | 152 | 153 | - | - | C45/55   | cap          | 0.5 |
| 291 | 153 | 154 | - | - | C45/55   | cap          | 0.5 |
| 292 | 154 | 155 | - | - | C45/55   | cap          | 0.5 |
| 293 | 155 | 156 | - | - | C45/55   | cap          | 0.5 |
| 294 | 156 | 157 | - | - | C45/55   | cap          | 0.5 |
| 295 | 157 | 158 | - | - | C45/55   | cap          | 0.5 |
| 296 | 158 | 159 | - | - | C45/55   | cap          | 0.5 |
| 297 | 159 | 160 | - | - | C45/55   | cap          | 0.5 |
| 298 | 160 | 161 | - | - | C45/55   | cap          | 0.5 |
| 299 | 161 | 162 | - | - | C45/55   | cap          | 0.5 |
| 300 | 162 | 163 | - | - | C45/55   | cap          | 0.5 |
| 301 | 163 | 164 | - | - | C45/55   | cap          | 0.5 |
| 302 | 164 | 165 | - | - | C45/55   | cap          | 0.5 |
| 303 | 165 | 166 | - | - | C45/55   | cap          | 0.5 |
| 304 | 166 | 167 | - | - | C45/55   | cap          | 0.5 |
| 305 | 167 | 168 | - | - | C45/55   | cap          | 0.5 |
| 306 | 168 | 169 | - | - | C45/55   | cap          | 0.5 |
| 307 | 169 | 170 | - | - | C45/55   | cap          | 0.5 |
| 308 | 170 | 171 | - | - | C45/55   | cap          | 0.5 |
| 309 | 171 | 172 | - | - | C45/55   | cap          | 0.5 |
| 310 | 172 | 173 | - | - | C45/55   | cap          | 0.5 |
| 311 | 173 | 174 | - | - | C45/55   | cap          | 0.5 |
| 312 | 174 | 175 | - | - | C45/55   | cap          | 0.5 |
| 313 | 175 | 176 | - | - | C45/55   | cap          | 0.5 |
| 314 | 176 | 177 | - | - | C45/55   | cap          | 0.5 |
| 315 | 177 | 178 | - | - | C45/55   | cap          | 0.5 |
| 316 | 178 | 179 | - | - | C45/55   | cap          | 0.5 |
| 317 | 179 | 180 | - | - | C45/55   | cap          | 0.5 |
| 318 | 180 | 181 | - | - | C45/55   | cap          | 0.5 |
| 319 | 181 | 182 | - | - | C45/55   | cap          | 0.5 |
| 320 | 182 | 183 | - | - | C45/55   | cap          | 0.5 |
| 321 | 183 | 184 | - | - | C45/55   | cap          | 0.5 |
| 322 | 184 | 185 | - | - | C45/55   | cap          | 0.5 |
| 323 | 185 | 186 | - | - | C45/55   | cap          | 0.5 |
| 324 | 186 | 187 | - | - | C45/55   | cap          | 0.5 |
| 325 | 187 | 188 | - | - | C45/55   | cap          | 0.5 |
| 326 | 142 | 189 | - | - | Rck35 p0 | traverso cap | 2   |
| 327 | 143 | 190 | - | - | Rck35 p0 | soletta      | 2   |
| 328 | 144 | 191 | - | - | Rck35 p0 | soletta      | 2   |
| 329 | 145 | 192 | - | - | Rck35 p0 | soletta      | 2   |
| 330 | 146 | 193 | - | - | Rck35 p0 | soletta      | 2   |
| 331 | 147 | 194 | - | - | Rck35 p0 | soletta      | 2   |
| 332 | 148 | 195 | - | - | Rck35 p0 | soletta      | 2   |
| 333 | 149 | 196 | - | - | Rck35 p0 | soletta      | 2   |
| 334 | 150 | 197 | - | - | Rck35 p0 | soletta      | 2   |
| 335 | 151 | 198 | - | - | Rck35 p0 | soletta      | 2   |
| 336 | 152 | 199 | - | - | Rck35 p0 | soletta      | 2   |
| 337 | 153 | 200 | - | - | Rck35 p0 | soletta      | 2   |
| 338 | 154 | 201 | - | - | Rck35 p0 | soletta      | 2   |
| 339 | 155 | 202 | - | - | Rck35 p0 | soletta      | 2   |
| 340 | 156 | 203 | - | - | Rck35 p0 | soletta      | 2   |
| 341 | 157 | 204 | - | - | Rck35 p0 | soletta      | 2   |
| 342 | 158 | 205 | - | - | Rck35 p0 | soletta      | 2   |
| 343 | 159 | 206 | - | - | Rck35 p0 | soletta      | 2   |
| 344 | 160 | 207 | - | - | Rck35 p0 | soletta      | 2   |
| 345 | 161 | 208 | - | - | Rck35 p0 | soletta      | 2   |
| 346 | 162 | 209 | - | - | Rck35 p0 | soletta      | 2   |
| 347 | 163 | 210 | - | - | Rck35 p0 | soletta      | 2   |
| 348 | 164 | 211 | - | - | Rck35 p0 | soletta      | 2   |
| 349 | 165 | 212 | - | - | Rck35 p0 | soletta      | 2   |
| 350 | 166 | 213 | - | - | Rck35 p0 | soletta      | 2   |
| 351 | 167 | 214 | - | - | Rck35 p0 | soletta      | 2   |
| 352 | 168 | 215 | - | - | Rck35 p0 | soletta      | 2   |
| 353 | 169 | 216 | - | - | Rck35 p0 | soletta      | 2   |
| 354 | 170 | 217 | - | - | Rck35 p0 | soletta      | 2   |
| 355 | 171 | 218 | - | - | Rck35 p0 | soletta      | 2   |
| 356 | 172 | 219 | - | - | Rck35 p0 | soletta      | 2   |
| 357 | 173 | 220 | - | - | Rck35 p0 | soletta      | 2   |
| 358 | 174 | 221 | - | - | Rck35 p0 | soletta      | 2   |
| 359 | 175 | 222 | - | - | Rck35 p0 | soletta      | 2   |
| 360 | 176 | 223 | - | - | Rck35 p0 | soletta      | 2   |
| 361 | 177 | 224 | - | - | Rck35 p0 | soletta      | 2   |
| 362 | 178 | 225 | - | - | Rck35 p0 | soletta      | 2   |
| 363 | 179 | 226 | - | - | Rck35 p0 | soletta      | 2   |
| 364 | 180 | 227 | - | - | Rck35 p0 | soletta      | 2   |
| 365 | 181 | 228 | - | - | Rck35 p0 | soletta      | 2   |
| 366 | 182 | 229 | - | - | Rck35 p0 | soletta      | 2   |
| 367 | 183 | 230 | - | - | Rck35 p0 | soletta      | 2   |
| 368 | 184 | 231 | - | - | Rck35 p0 | soletta      | 2   |
| 369 | 185 | 232 | - | - | Rck35 p0 | soletta      | 2   |
| 370 | 186 | 233 | - | - | Rck35 p0 | soletta      | 2   |
| 371 | 187 | 234 | - | - | Rck35 p0 | soletta      | 2   |
| 372 | 188 | 235 | - | - | Rck35 p0 | traverso cap | 2   |
| 373 | 189 | 190 | - | - | C45/55   | cap          | 0.5 |
| 374 | 190 | 191 | - | - | C45/55   | cap          | 0.5 |
| 375 | 191 | 192 | - | - | C45/55   | cap          | 0.5 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |     |
|-----|-----|-----|---|---|----------|--------------|-----|
| 376 | 192 | 193 | - | - | C45/55   | cap          | 0.5 |
| 377 | 193 | 194 | - | - | C45/55   | cap          | 0.5 |
| 378 | 194 | 195 | - | - | C45/55   | cap          | 0.5 |
| 379 | 195 | 196 | - | - | C45/55   | cap          | 0.5 |
| 380 | 196 | 197 | - | - | C45/55   | cap          | 0.5 |
| 381 | 197 | 198 | - | - | C45/55   | cap          | 0.5 |
| 382 | 198 | 199 | - | - | C45/55   | cap          | 0.5 |
| 383 | 199 | 200 | - | - | C45/55   | cap          | 0.5 |
| 384 | 200 | 201 | - | - | C45/55   | cap          | 0.5 |
| 385 | 201 | 202 | - | - | C45/55   | cap          | 0.5 |
| 386 | 202 | 203 | - | - | C45/55   | cap          | 0.5 |
| 387 | 203 | 204 | - | - | C45/55   | cap          | 0.5 |
| 388 | 204 | 205 | - | - | C45/55   | cap          | 0.5 |
| 389 | 205 | 206 | - | - | C45/55   | cap          | 0.5 |
| 390 | 206 | 207 | - | - | C45/55   | cap          | 0.5 |
| 391 | 207 | 208 | - | - | C45/55   | cap          | 0.5 |
| 392 | 208 | 209 | - | - | C45/55   | cap          | 0.5 |
| 393 | 209 | 210 | - | - | C45/55   | cap          | 0.5 |
| 394 | 210 | 211 | - | - | C45/55   | cap          | 0.5 |
| 395 | 211 | 212 | - | - | C45/55   | cap          | 0.5 |
| 396 | 212 | 213 | - | - | C45/55   | cap          | 0.5 |
| 397 | 213 | 214 | - | - | C45/55   | cap          | 0.5 |
| 398 | 214 | 215 | - | - | C45/55   | cap          | 0.5 |
| 399 | 215 | 216 | - | - | C45/55   | cap          | 0.5 |
| 400 | 216 | 217 | - | - | C45/55   | cap          | 0.5 |
| 401 | 217 | 218 | - | - | C45/55   | cap          | 0.5 |
| 402 | 218 | 219 | - | - | C45/55   | cap          | 0.5 |
| 403 | 219 | 220 | - | - | C45/55   | cap          | 0.5 |
| 404 | 220 | 221 | - | - | C45/55   | cap          | 0.5 |
| 405 | 221 | 222 | - | - | C45/55   | cap          | 0.5 |
| 406 | 222 | 223 | - | - | C45/55   | cap          | 0.5 |
| 407 | 223 | 224 | - | - | C45/55   | cap          | 0.5 |
| 408 | 224 | 225 | - | - | C45/55   | cap          | 0.5 |
| 409 | 225 | 226 | - | - | C45/55   | cap          | 0.5 |
| 410 | 226 | 227 | - | - | C45/55   | cap          | 0.5 |
| 411 | 227 | 228 | - | - | C45/55   | cap          | 0.5 |
| 412 | 228 | 229 | - | - | C45/55   | cap          | 0.5 |
| 413 | 229 | 230 | - | - | C45/55   | cap          | 0.5 |
| 414 | 230 | 231 | - | - | C45/55   | cap          | 0.5 |
| 415 | 231 | 232 | - | - | C45/55   | cap          | 0.5 |
| 416 | 232 | 233 | - | - | C45/55   | cap          | 0.5 |
| 417 | 233 | 234 | - | - | C45/55   | cap          | 0.5 |
| 418 | 234 | 235 | - | - | C45/55   | cap          | 0.5 |
| 419 | 189 | 236 | - | - | Rck35 p0 | traverso cap | 2   |
| 420 | 190 | 237 | - | - | Rck35 p0 | soletta      | 2   |
| 421 | 191 | 238 | - | - | Rck35 p0 | soletta      | 2   |
| 422 | 192 | 239 | - | - | Rck35 p0 | soletta      | 2   |
| 423 | 193 | 240 | - | - | Rck35 p0 | soletta      | 2   |
| 424 | 194 | 241 | - | - | Rck35 p0 | soletta      | 2   |
| 425 | 195 | 242 | - | - | Rck35 p0 | soletta      | 2   |
| 426 | 196 | 243 | - | - | Rck35 p0 | soletta      | 2   |
| 427 | 197 | 244 | - | - | Rck35 p0 | soletta      | 2   |
| 428 | 198 | 245 | - | - | Rck35 p0 | soletta      | 2   |
| 429 | 199 | 246 | - | - | Rck35 p0 | soletta      | 2   |
| 430 | 200 | 247 | - | - | Rck35 p0 | soletta      | 2   |
| 431 | 201 | 248 | - | - | Rck35 p0 | soletta      | 2   |
| 432 | 202 | 249 | - | - | Rck35 p0 | soletta      | 2   |
| 433 | 203 | 250 | - | - | Rck35 p0 | soletta      | 2   |
| 434 | 204 | 251 | - | - | Rck35 p0 | soletta      | 2   |
| 435 | 205 | 252 | - | - | Rck35 p0 | soletta      | 2   |
| 436 | 206 | 253 | - | - | Rck35 p0 | soletta      | 2   |
| 437 | 207 | 254 | - | - | Rck35 p0 | soletta      | 2   |
| 438 | 208 | 255 | - | - | Rck35 p0 | soletta      | 2   |
| 439 | 209 | 256 | - | - | Rck35 p0 | soletta      | 2   |
| 440 | 210 | 257 | - | - | Rck35 p0 | soletta      | 2   |
| 441 | 211 | 258 | - | - | Rck35 p0 | soletta      | 2   |
| 442 | 212 | 259 | - | - | Rck35 p0 | soletta      | 2   |
| 443 | 213 | 260 | - | - | Rck35 p0 | soletta      | 2   |
| 444 | 214 | 261 | - | - | Rck35 p0 | soletta      | 2   |
| 445 | 215 | 262 | - | - | Rck35 p0 | soletta      | 2   |
| 446 | 216 | 263 | - | - | Rck35 p0 | soletta      | 2   |
| 447 | 217 | 264 | - | - | Rck35 p0 | soletta      | 2   |
| 448 | 218 | 265 | - | - | Rck35 p0 | soletta      | 2   |
| 449 | 219 | 266 | - | - | Rck35 p0 | soletta      | 2   |
| 450 | 220 | 267 | - | - | Rck35 p0 | soletta      | 2   |
| 451 | 221 | 268 | - | - | Rck35 p0 | soletta      | 2   |
| 452 | 222 | 269 | - | - | Rck35 p0 | soletta      | 2   |
| 453 | 223 | 270 | - | - | Rck35 p0 | soletta      | 2   |
| 454 | 224 | 271 | - | - | Rck35 p0 | soletta      | 2   |
| 455 | 225 | 272 | - | - | Rck35 p0 | soletta      | 2   |
| 456 | 226 | 273 | - | - | Rck35 p0 | soletta      | 2   |
| 457 | 227 | 274 | - | - | Rck35 p0 | soletta      | 2   |
| 458 | 228 | 275 | - | - | Rck35 p0 | soletta      | 2   |
| 459 | 229 | 276 | - | - | Rck35 p0 | soletta      | 2   |
| 460 | 230 | 277 | - | - | Rck35 p0 | soletta      | 2   |
| 461 | 231 | 278 | - | - | Rck35 p0 | soletta      | 2   |
| 462 | 232 | 279 | - | - | Rck35 p0 | soletta      | 2   |
| 463 | 233 | 280 | - | - | Rck35 p0 | soletta      | 2   |
| 464 | 234 | 281 | - | - | Rck35 p0 | soletta      | 2   |
| 465 | 235 | 282 | - | - | Rck35 p0 | traverso cap | 2   |
| 466 | 236 | 237 | - | - | C45/55   | cap          | 0.5 |
| 467 | 237 | 238 | - | - | C45/55   | cap          | 0.5 |
| 468 | 238 | 239 | - | - | C45/55   | cap          | 0.5 |
| 469 | 239 | 240 | - | - | C45/55   | cap          | 0.5 |
| 470 | 240 | 241 | - | - | C45/55   | cap          | 0.5 |
| 471 | 241 | 242 | - | - | C45/55   | cap          | 0.5 |
| 472 | 242 | 243 | - | - | C45/55   | cap          | 0.5 |
| 473 | 243 | 244 | - | - | C45/55   | cap          | 0.5 |
| 474 | 244 | 245 | - | - | C45/55   | cap          | 0.5 |
| 475 | 245 | 246 | - | - | C45/55   | cap          | 0.5 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |              |      |
|-----|-----|-----|---|---|----------|--------------|------|
| 476 | 246 | 247 | - | - | C45/55   | cap          | 0.5  |
| 477 | 247 | 248 | - | - | C45/55   | cap          | 0.5  |
| 478 | 248 | 249 | - | - | C45/55   | cap          | 0.5  |
| 479 | 249 | 250 | - | - | C45/55   | cap          | 0.5  |
| 480 | 250 | 251 | - | - | C45/55   | cap          | 0.5  |
| 481 | 251 | 252 | - | - | C45/55   | cap          | 0.5  |
| 482 | 252 | 253 | - | - | C45/55   | cap          | 0.5  |
| 483 | 253 | 254 | - | - | C45/55   | cap          | 0.5  |
| 484 | 254 | 255 | - | - | C45/55   | cap          | 0.5  |
| 485 | 255 | 256 | - | - | C45/55   | cap          | 0.5  |
| 486 | 256 | 257 | - | - | C45/55   | cap          | 0.5  |
| 487 | 257 | 258 | - | - | C45/55   | cap          | 0.5  |
| 488 | 258 | 259 | - | - | C45/55   | cap          | 0.5  |
| 489 | 259 | 260 | - | - | C45/55   | cap          | 0.5  |
| 490 | 260 | 261 | - | - | C45/55   | cap          | 0.5  |
| 491 | 261 | 262 | - | - | C45/55   | cap          | 0.5  |
| 492 | 262 | 263 | - | - | C45/55   | cap          | 0.5  |
| 493 | 263 | 264 | - | - | C45/55   | cap          | 0.5  |
| 494 | 264 | 265 | - | - | C45/55   | cap          | 0.5  |
| 495 | 265 | 266 | - | - | C45/55   | cap          | 0.5  |
| 496 | 266 | 267 | - | - | C45/55   | cap          | 0.5  |
| 497 | 267 | 268 | - | - | C45/55   | cap          | 0.5  |
| 498 | 268 | 269 | - | - | C45/55   | cap          | 0.5  |
| 499 | 269 | 270 | - | - | C45/55   | cap          | 0.5  |
| 500 | 270 | 271 | - | - | C45/55   | cap          | 0.5  |
| 501 | 271 | 272 | - | - | C45/55   | cap          | 0.5  |
| 502 | 272 | 273 | - | - | C45/55   | cap          | 0.5  |
| 503 | 273 | 274 | - | - | C45/55   | cap          | 0.5  |
| 504 | 274 | 275 | - | - | C45/55   | cap          | 0.5  |
| 505 | 275 | 276 | - | - | C45/55   | cap          | 0.5  |
| 506 | 276 | 277 | - | - | C45/55   | cap          | 0.5  |
| 507 | 277 | 278 | - | - | C45/55   | cap          | 0.5  |
| 508 | 278 | 279 | - | - | C45/55   | cap          | 0.5  |
| 509 | 279 | 280 | - | - | C45/55   | cap          | 0.5  |
| 510 | 280 | 281 | - | - | C45/55   | cap          | 0.5  |
| 511 | 281 | 282 | - | - | C45/55   | cap          | 0.5  |
| 512 | 236 | 424 | - | - | S355     | traverso cap | 1    |
| 513 | 237 | 284 | - | - | Rck35 p0 | soletta      | 2.2  |
| 514 | 238 | 285 | - | - | Rck35 p0 | soletta      | 2.2  |
| 515 | 239 | 286 | - | - | Rck35 p0 | soletta      | 2.2  |
| 516 | 240 | 287 | - | - | Rck35 p0 | soletta      | 2.2  |
| 517 | 241 | 288 | - | - | Rck35 p0 | soletta      | 2.2  |
| 518 | 242 | 289 | - | - | Rck35 p0 | soletta      | 2.2  |
| 519 | 243 | 290 | - | - | Rck35 p0 | soletta      | 2.2  |
| 520 | 244 | 291 | - | - | Rck35 p0 | soletta      | 2.2  |
| 521 | 245 | 292 | - | - | Rck35 p0 | soletta      | 2.2  |
| 522 | 246 | 293 | - | - | Rck35 p0 | soletta      | 2.2  |
| 523 | 247 | 294 | - | - | Rck35 p0 | soletta      | 2.2  |
| 524 | 248 | 295 | - | - | Rck35 p0 | soletta      | 2.2  |
| 525 | 249 | 296 | - | - | Rck35 p0 | soletta      | 2.2  |
| 526 | 250 | 297 | - | - | Rck35 p0 | soletta      | 2.2  |
| 527 | 251 | 298 | - | - | Rck35 p0 | soletta      | 2.2  |
| 528 | 252 | 299 | - | - | Rck35 p0 | soletta      | 2.2  |
| 529 | 253 | 300 | - | - | Rck35 p0 | soletta      | 2.2  |
| 530 | 254 | 301 | - | - | Rck35 p0 | soletta      | 2.2  |
| 531 | 255 | 302 | - | - | Rck35 p0 | soletta      | 2.2  |
| 532 | 256 | 303 | - | - | Rck35 p0 | soletta      | 2.2  |
| 533 | 257 | 304 | - | - | Rck35 p0 | soletta      | 2.2  |
| 534 | 258 | 305 | - | - | Rck35 p0 | soletta      | 2.2  |
| 535 | 259 | 306 | - | - | Rck35 p0 | soletta      | 2.2  |
| 536 | 260 | 307 | - | - | Rck35 p0 | soletta      | 2.2  |
| 537 | 261 | 308 | - | - | Rck35 p0 | soletta      | 2.2  |
| 538 | 262 | 309 | - | - | Rck35 p0 | soletta      | 2.2  |
| 539 | 263 | 310 | - | - | Rck35 p0 | soletta      | 2.2  |
| 540 | 264 | 311 | - | - | Rck35 p0 | soletta      | 2.2  |
| 541 | 265 | 312 | - | - | Rck35 p0 | soletta      | 2.2  |
| 542 | 266 | 313 | - | - | Rck35 p0 | soletta      | 2.2  |
| 543 | 267 | 314 | - | - | Rck35 p0 | soletta      | 2.2  |
| 544 | 268 | 315 | - | - | Rck35 p0 | soletta      | 2.2  |
| 545 | 269 | 316 | - | - | Rck35 p0 | soletta      | 2.2  |
| 546 | 270 | 317 | - | - | Rck35 p0 | soletta      | 2.2  |
| 547 | 271 | 318 | - | - | Rck35 p0 | soletta      | 2.2  |
| 548 | 272 | 319 | - | - | Rck35 p0 | soletta      | 2.2  |
| 549 | 273 | 320 | - | - | Rck35 p0 | soletta      | 2.2  |
| 550 | 274 | 321 | - | - | Rck35 p0 | soletta      | 2.2  |
| 551 | 275 | 322 | - | - | Rck35 p0 | soletta      | 2.2  |
| 552 | 276 | 323 | - | - | Rck35 p0 | soletta      | 2.2  |
| 553 | 277 | 324 | - | - | Rck35 p0 | soletta      | 2.2  |
| 554 | 278 | 325 | - | - | Rck35 p0 | soletta      | 2.2  |
| 555 | 279 | 326 | - | - | Rck35 p0 | soletta      | 2.2  |
| 556 | 280 | 327 | - | - | Rck35 p0 | soletta      | 2.2  |
| 557 | 281 | 328 | - | - | Rck35 p0 | soletta      | 2.2  |
| 558 | 282 | 425 | - | - | S355     | traverso cap | 1    |
| 559 | 330 | 1   | - | - | Rck35 p0 | traverso cap | 1.25 |
| 560 | 331 | 2   | - | - | Rck35 p0 | soletta      | 1.25 |
| 561 | 332 | 3   | - | - | Rck35 p0 | soletta      | 1.25 |
| 562 | 333 | 4   | - | - | Rck35 p0 | soletta      | 1.25 |
| 563 | 334 | 5   | - | - | Rck35 p0 | soletta      | 1.25 |
| 564 | 335 | 6   | - | - | Rck35 p0 | soletta      | 1.25 |
| 565 | 336 | 7   | - | - | Rck35 p0 | soletta      | 1.25 |
| 566 | 337 | 8   | - | - | Rck35 p0 | soletta      | 1.25 |
| 567 | 338 | 9   | - | - | Rck35 p0 | soletta      | 1.25 |
| 568 | 339 | 10  | - | - | Rck35 p0 | soletta      | 1.25 |
| 569 | 340 | 11  | - | - | Rck35 p0 | soletta      | 1.25 |
| 570 | 341 | 12  | - | - | Rck35 p0 | soletta      | 1.25 |
| 571 | 342 | 13  | - | - | Rck35 p0 | soletta      | 1.25 |
| 572 | 343 | 14  | - | - | Rck35 p0 | soletta      | 1.25 |
| 573 | 344 | 15  | - | - | Rck35 p0 | soletta      | 1.25 |
| 574 | 345 | 16  | - | - | Rck35 p0 | soletta      | 1.25 |
| 575 | 346 | 17  | - | - | Rck35 p0 | soletta      | 1.25 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |     |     |   |   |          |                      |      |
|-----|-----|-----|---|---|----------|----------------------|------|
| 576 | 347 | 18  | - | - | Rck35 p0 | soletta              | 1.25 |
| 577 | 348 | 19  | - | - | Rck35 p0 | soletta              | 1.25 |
| 578 | 349 | 20  | - | - | Rck35 p0 | soletta              | 1.25 |
| 579 | 350 | 21  | - | - | Rck35 p0 | soletta              | 1.25 |
| 580 | 351 | 22  | - | - | Rck35 p0 | soletta              | 1.25 |
| 581 | 352 | 23  | - | - | Rck35 p0 | soletta              | 1.25 |
| 582 | 353 | 24  | - | - | Rck35 p0 | soletta              | 1.25 |
| 583 | 354 | 25  | - | - | Rck35 p0 | soletta              | 1.25 |
| 584 | 355 | 26  | - | - | Rck35 p0 | soletta              | 1.25 |
| 585 | 356 | 27  | - | - | Rck35 p0 | soletta              | 1.25 |
| 586 | 357 | 28  | - | - | Rck35 p0 | soletta              | 1.25 |
| 587 | 358 | 29  | - | - | Rck35 p0 | soletta              | 1.25 |
| 588 | 359 | 30  | - | - | Rck35 p0 | soletta              | 1.25 |
| 589 | 360 | 31  | - | - | Rck35 p0 | soletta              | 1.25 |
| 590 | 361 | 32  | - | - | Rck35 p0 | soletta              | 1.25 |
| 591 | 362 | 33  | - | - | Rck35 p0 | soletta              | 1.25 |
| 592 | 363 | 34  | - | - | Rck35 p0 | soletta              | 1.25 |
| 593 | 364 | 35  | - | - | Rck35 p0 | soletta              | 1.25 |
| 594 | 365 | 36  | - | - | Rck35 p0 | soletta              | 1.25 |
| 595 | 366 | 37  | - | - | Rck35 p0 | soletta              | 1.25 |
| 596 | 367 | 38  | - | - | Rck35 p0 | soletta              | 1.25 |
| 597 | 368 | 39  | - | - | Rck35 p0 | soletta              | 1.25 |
| 598 | 369 | 40  | - | - | Rck35 p0 | soletta              | 1.25 |
| 599 | 370 | 41  | - | - | Rck35 p0 | soletta              | 1.25 |
| 600 | 371 | 42  | - | - | Rck35 p0 | soletta              | 1.25 |
| 601 | 372 | 43  | - | - | Rck35 p0 | soletta              | 1.25 |
| 602 | 373 | 44  | - | - | Rck35 p0 | soletta              | 1.25 |
| 603 | 374 | 45  | - | - | Rck35 p0 | soletta              | 1.25 |
| 604 | 375 | 46  | - | - | Rck35 p0 | soletta              | 1.25 |
| 605 | 376 | 47  | - | - | Rck35 p0 | soletta              | 1.25 |
| 606 | 283 | 284 | - | - | S355     | traverso cap<br>scat | 0.5  |
| 607 | 284 | 285 | - | - | S355     | scat                 | 0.5  |
| 608 | 285 | 286 | - | - | S355     | scat                 | 0.5  |
| 609 | 286 | 287 | - | - | S355     | scat                 | 0.5  |
| 610 | 287 | 288 | - | - | S355     | scat                 | 0.5  |
| 611 | 288 | 289 | - | - | S355     | scat                 | 0.5  |
| 612 | 289 | 290 | - | - | S355     | scat                 | 0.5  |
| 613 | 290 | 291 | - | - | S355     | scat                 | 0.5  |
| 614 | 291 | 292 | - | - | S355     | scat                 | 0.5  |
| 615 | 292 | 293 | - | - | S355     | scat                 | 0.5  |
| 616 | 293 | 294 | - | - | S355     | scat                 | 0.5  |
| 617 | 294 | 295 | - | - | S355     | scat                 | 0.5  |
| 618 | 295 | 296 | - | - | S355     | scat                 | 0.5  |
| 619 | 296 | 297 | - | - | S355     | scat                 | 0.5  |
| 620 | 297 | 298 | - | - | S355     | scat                 | 0.5  |
| 621 | 298 | 299 | - | - | S355     | scat                 | 0.5  |
| 622 | 299 | 300 | - | - | S355     | scat                 | 0.5  |
| 623 | 300 | 301 | - | - | S355     | scat                 | 0.5  |
| 624 | 301 | 302 | - | - | S355     | scat                 | 0.5  |
| 625 | 302 | 303 | - | - | S355     | scat                 | 0.5  |
| 626 | 303 | 304 | - | - | S355     | scat                 | 0.5  |
| 627 | 304 | 305 | - | - | S355     | scat                 | 0.5  |
| 628 | 305 | 306 | - | - | S355     | scat                 | 0.5  |
| 629 | 306 | 307 | - | - | S355     | scat                 | 0.5  |
| 630 | 307 | 308 | - | - | S355     | scat                 | 0.5  |
| 631 | 308 | 309 | - | - | S355     | scat                 | 0.5  |
| 632 | 309 | 310 | - | - | S355     | scat                 | 0.5  |
| 633 | 310 | 311 | - | - | S355     | scat                 | 0.5  |
| 634 | 311 | 312 | - | - | S355     | scat                 | 0.5  |
| 635 | 312 | 313 | - | - | S355     | scat                 | 0.5  |
| 636 | 313 | 314 | - | - | S355     | scat                 | 0.5  |
| 637 | 314 | 315 | - | - | S355     | scat                 | 0.5  |
| 638 | 315 | 316 | - | - | S355     | scat                 | 0.5  |
| 639 | 316 | 317 | - | - | S355     | scat                 | 0.5  |
| 640 | 317 | 318 | - | - | S355     | scat                 | 0.5  |
| 641 | 318 | 319 | - | - | S355     | scat                 | 0.5  |
| 642 | 319 | 320 | - | - | S355     | scat                 | 0.5  |
| 643 | 320 | 321 | - | - | S355     | scat                 | 0.5  |
| 644 | 321 | 322 | - | - | S355     | scat                 | 0.5  |
| 645 | 322 | 323 | - | - | S355     | scat                 | 0.5  |
| 646 | 323 | 324 | - | - | S355     | scat                 | 0.5  |
| 647 | 324 | 325 | - | - | S355     | scat                 | 0.5  |
| 648 | 325 | 326 | - | - | S355     | scat                 | 0.5  |
| 649 | 326 | 327 | - | - | S355     | scat                 | 0.5  |
| 650 | 327 | 328 | - | - | S355     | scat                 | 0.5  |
| 651 | 328 | 329 | - | - | S355     | scat                 | 0.5  |
| 652 | 283 | 377 | - | - | S355     | traverso<br>scat     | 1.85 |
| 653 | 284 | 378 | - | - | Rck35 p0 | soletta              | 1.85 |
| 654 | 285 | 379 | - | - | Rck35 p0 | soletta              | 1.85 |
| 655 | 286 | 380 | - | - | Rck35 p0 | soletta              | 1.85 |
| 656 | 287 | 381 | - | - | Rck35 p0 | soletta              | 1.85 |
| 657 | 288 | 382 | - | - | Rck35 p0 | soletta              | 1.85 |
| 658 | 289 | 383 | - | - | Rck35 p0 | soletta              | 1.85 |
| 659 | 290 | 384 | - | - | Rck35 p0 | soletta              | 1.85 |
| 660 | 291 | 385 | - | - | Rck35 p0 | soletta              | 1.85 |
| 661 | 292 | 386 | - | - | Rck35 p0 | soletta              | 1.85 |
| 662 | 293 | 387 | - | - | Rck35 p0 | soletta              | 1.85 |
| 663 | 294 | 388 | - | - | Rck35 p0 | soletta              | 1.85 |
| 664 | 295 | 389 | - | - | Rck35 p0 | soletta              | 1.85 |
| 665 | 296 | 390 | - | - | Rck35 p0 | soletta              | 1.85 |
| 666 | 297 | 391 | - | - | Rck35 p0 | soletta              | 1.85 |
| 667 | 298 | 392 | - | - | Rck35 p0 | soletta              | 1.85 |
| 668 | 299 | 393 | - | - | Rck35 p0 | soletta              | 1.85 |
| 669 | 300 | 394 | - | - | Rck35 p0 | soletta              | 1.85 |
| 670 | 301 | 395 | - | - | Rck35 p0 | soletta              | 1.85 |
| 671 | 302 | 396 | - | - | Rck35 p0 | soletta              | 1.85 |
| 672 | 303 | 397 | - | - | Rck35 p0 | soletta              | 1.85 |
| 673 | 304 | 398 | - | - | Rck35 p0 | soletta              | 1.85 |
| 674 | 305 | 399 | - | - | Rck35 p0 | soletta              | 1.85 |
| 675 | 306 | 400 | - | - | Rck35 p0 | soletta              | 1.85 |

|     |     |     |   |   |          |          |      |
|-----|-----|-----|---|---|----------|----------|------|
| 676 | 307 | 401 | - | - | Rck35 p0 | soletta  | 1.85 |
| 677 | 308 | 402 | - | - | Rck35 p0 | soletta  | 1.85 |
| 678 | 309 | 403 | - | - | Rck35 p0 | soletta  | 1.85 |
| 679 | 310 | 404 | - | - | Rck35 p0 | soletta  | 1.85 |
| 680 | 311 | 405 | - | - | Rck35 p0 | soletta  | 1.85 |
| 681 | 312 | 406 | - | - | Rck35 p0 | soletta  | 1.85 |
| 682 | 313 | 407 | - | - | Rck35 p0 | soletta  | 1.85 |
| 683 | 314 | 408 | - | - | Rck35 p0 | soletta  | 1.85 |
| 684 | 315 | 409 | - | - | Rck35 p0 | soletta  | 1.85 |
| 685 | 316 | 410 | - | - | Rck35 p0 | soletta  | 1.85 |
| 686 | 317 | 411 | - | - | Rck35 p0 | soletta  | 1.85 |
| 687 | 318 | 412 | - | - | Rck35 p0 | soletta  | 1.85 |
| 688 | 319 | 413 | - | - | Rck35 p0 | soletta  | 1.85 |
| 689 | 320 | 414 | - | - | Rck35 p0 | soletta  | 1.85 |
| 690 | 321 | 415 | - | - | Rck35 p0 | soletta  | 1.85 |
| 691 | 322 | 416 | - | - | Rck35 p0 | soletta  | 1.85 |
| 692 | 323 | 417 | - | - | Rck35 p0 | soletta  | 1.85 |
| 693 | 324 | 418 | - | - | Rck35 p0 | soletta  | 1.85 |
| 694 | 325 | 419 | - | - | Rck35 p0 | soletta  | 1.85 |
| 695 | 326 | 420 | - | - | Rck35 p0 | soletta  | 1.85 |
| 696 | 327 | 421 | - | - | Rck35 p0 | soletta  | 1.85 |
| 697 | 328 | 422 | - | - | Rck35 p0 | soletta  | 1.85 |
| 698 | 329 | 423 | - | - | S355     | traverso | 1.85 |
| 699 | 424 | 283 | - | - | S355     | traverso | 1.2  |
| 700 | 425 | 329 | - | - | S355     | traverso | 1.2  |

\*\*\* TOTAL WEIGHT / VOLUME / SURFACE AREA SUMMARY

| SECTION NO | SECTION NAME | SURFACE AREA | VOLUMN | WEIGHT | FRAME NUMBER | TRUSS NUMBER |
|------------|--------------|--------------|--------|--------|--------------|--------------|
| 1          | cap          | 1619         | 149.4  | 3517   | 276          | 0            |
| 2          | trave        | 0            | 0      | 0      | 0            | 0            |
| 3          | soletta      | 991.4        | 75.74  | 0      | 360          | 0            |
| 4          | traverso cap | 81.83        | 12.45  | 78.21  | 14           | 0            |
| 6          | traverso     | 15.01        | 0.1476 | 11.36  | 4            | 0            |
| 7          | travel       | 0            | 0      | 0      | 0            | 0            |
| 8          | travel       | 0            | 0      | 0      | 0            | 0            |
| 9          | trave2       | 0            | 0      | 0      | 0            | 0            |
| 10         | scat         | 207.9        | 4.25   | 327.2  | 46           | 0            |

\*\*\* LOAD DATA

; Self Weight, Nodal Load, Specified Displacement, Beam Load, Floor Load, Finishing Material Load, System Temperature, Nodal Temperature, Element Temperature, Beam Section Temperature, Wind Load, Static Seismic Load, Time History Analysis Data

[ LOAD CASE : pp ]

\*\* SELF WEIGHT DATA

; X=0, Y=0, Z=-1

\*\* BEAM LOAD DATA

| MEMBER | TYPE         | DIR. | PROJ. | D1 | P1    | D2 | P2    | D3 | P3 | D4 | P4 |
|--------|--------------|------|-------|----|-------|----|-------|----|----|----|----|
| 606    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 607    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 608    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 609    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 610    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 611    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 612    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 613    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 614    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 615    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 616    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 617    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 618    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 619    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 620    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 621    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 622    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 623    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 624    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 625    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 626    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 627    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 628    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 629    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 630    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 631    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 632    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 633    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 634    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 635    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 636    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 637    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 638    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 639    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 640    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 641    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 642    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 643    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 644    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |
| 645    | Uniform Load | GZ   | NO    | 0  | -10.2 | 1  | -10.2 | 0  | 0  | 0  | 0  |



Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |              |    |    |   |       |   |       |   |   |   |   |
|-----|--------------|----|----|---|-------|---|-------|---|---|---|---|
| 646 | Uniform Load | GZ | NO | 0 | -10.2 | 1 | -10.2 | 0 | 0 | 0 | 0 |
| 647 | Uniform Load | GZ | NO | 0 | -10.2 | 1 | -10.2 | 0 | 0 | 0 | 0 |
| 648 | Uniform Load | GZ | NO | 0 | -10.2 | 1 | -10.2 | 0 | 0 | 0 | 0 |
| 649 | Uniform Load | GZ | NO | 0 | -10.2 | 1 | -10.2 | 0 | 0 | 0 | 0 |
| 650 | Uniform Load | GZ | NO | 0 | -10.2 | 1 | -10.2 | 0 | 0 | 0 | 0 |
| 651 | Uniform Load | GZ | NO | 0 | -10.2 | 1 | -10.2 | 0 | 0 | 0 | 0 |

[ LOAD CASE : perm ]

\*\* BEAM LOAD DATA

| MEMBER | TYPE         | DIR. | PROJ. | D1 | P1  | D2 | P2  | D3 | P3 | D4 | P4 |
|--------|--------------|------|-------|----|-----|----|-----|----|----|----|----|
| 1      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 2      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 3      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 4      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 5      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 6      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 7      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 8      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 9      | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 10     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 11     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 12     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 13     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 14     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 15     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 16     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 17     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 18     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 19     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 20     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 21     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 22     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 23     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 24     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 25     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 26     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 27     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 28     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 29     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 30     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 31     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 32     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 33     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 34     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 35     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 36     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 37     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 38     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 39     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 40     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 41     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 42     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 43     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 44     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 45     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 46     | Uniform Load | GZ   | NO    | 0  | -11 | 1  | -11 | 0  | 0  | 0  | 0  |
| 94     | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 95     | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 96     | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 97     | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 98     | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 99     | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 100    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 101    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 102    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 103    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 104    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 105    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 106    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 107    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 108    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 109    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 110    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 111    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 112    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 113    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 114    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 115    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 116    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 117    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 118    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 119    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 120    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 121    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 122    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 123    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 124    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 125    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 126    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 127    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 128    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 129    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 130    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 131    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 132    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |
| 133    | Uniform Load | GZ   | NO    | 0  | -6  | 1  | -6  | 0  | 0  | 0  | 0  |





Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |              |    |    |   |     |   |     |   |   |   |   |
|-----|--------------|----|----|---|-----|---|-----|---|---|---|---|
| 616 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 617 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 618 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 619 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 620 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 621 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 622 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 623 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 624 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 625 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 626 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 627 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 628 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 629 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 630 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 631 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 632 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 633 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 634 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 635 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 636 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 637 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 638 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 639 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 640 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 641 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 642 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 643 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 644 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 645 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 646 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 647 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 648 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 649 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 650 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |
| 651 | Uniform Load | GZ | NO | 0 | -11 | 1 | -11 | 0 | 0 | 0 | 0 |

\*\*\* LOAD COMBINATION DATA

\*\* GENERAL

| NO | NAME | TYPE | ACTIVE | DESCRIPTION |
|----|------|------|--------|-------------|
| 1  | sle  | Add  | ACTIVE |             |
| 2  | SLU  | Add  | ACTIVE |             |

## 12.Tabulati di output – Stato di Fatto Impalcato

```
*****
**          Gen 2012          Modeling, Integrated Design & Analysis Software          **
**          GENERAL STRUCTURE DESIGN SYSTEM          **
*****
```

```

      XXX  XXX  XX  XXXXXXXX  XXXXXXXX  XXXXXXXX
      XXXX XXXX  XX  XX  XX  XX  XX  XX  XX
      XX XXX XX  XX  XX  XX  XX  XX  XX
      XX X XX  XX  XX  XX  XXXXXXXX  XXXXXXXX
      XXX  XX  XXX  XXX  XX  XX  XX  XXX
      XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
      XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
      XXX  XX  XXX  XXXXXXXX  XXX  XX  XXXXXXXX /Gen

```

Gen 2012

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```
*****
```

### ANALYSIS RESULT OUTPUT

LOAD SET FOR REACTION OUTPUT - Load Set 1

<< LOAD COMB/CASE/ENVEL ABBREVIATION TABLE >>

| ABBREVIATION                                                                    | FULL NAME | TYPE | DESCRIPTION |
|---------------------------------------------------------------------------------|-----------|------|-------------|
| -----                                                                           |           |      |             |
| No Abbreviation was defined in this Load Set. All names are less than 8 char.'s |           |      |             |
| -----                                                                           |           |      |             |

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Cases]]

| LOAD CASE | ANAL. TYPE | DESCRIPTION | STATIC LOAD CASE | DETAIL | TYPE |
|-----------|------------|-------------|------------------|--------|------|
| c mobili  | Moving     |             |                  |        |      |
| pp        | Static     |             | Dead Load (D)    |        |      |
| perm      | Static     |             | Dead Load (D)    |        |      |
| acc       | Static     |             | Live Load (L)    |        |      |

LOAD SET FOR ELEMENT OUTPUT - Load Set 1

<< LOAD COMB/CASE/ENVEL ABBREVIATION TABLE >>

| ABBREVIATION                                                                    | FULL NAME | TYPE | DESCRIPTION |
|---------------------------------------------------------------------------------|-----------|------|-------------|
| -----                                                                           |           |      |             |
| No Abbreviation was defined in this Load Set. All names are less than 8 char.'s |           |      |             |
| -----                                                                           |           |      |             |

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Cases]]

| LOAD CASE | ANAL. TYPE | DESCRIPTION | STATIC LOAD CASE | DETAIL | TYPE |
|-----------|------------|-------------|------------------|--------|------|
| c mobili  | Moving     |             |                  |        |      |
| pp        | Static     |             | Dead Load (D)    |        |      |
| perm      | Static     |             | Dead Load (D)    |        |      |
| acc       | Static     |             | Live Load (L)    |        |      |

BEAM ELEMENT FORCES & MOMENTS DEFAULT PRINTOUT.

Unit System : kN , m

| ELEM | MAT | SEC | LC       | PT  | AXIAL | SHEAR-y | SHEAR-z | TORSION | MOMENT-y | MOMENT-z |      |
|------|-----|-----|----------|-----|-------|---------|---------|---------|----------|----------|------|
| 1    | 1   | 1   | c mobili | Max | I     | 0.6     | 0.9     | 31.7    | 28.9     | 15.5     | 1.1  |
|      |     |     |          | CNT |       | 0.6     | 0.9     | 31.7    | 28.9     | 35.4     | 1.0  |
|      |     |     |          | J   |       | 0.6     | 0.9     | 31.7    | 28.9     | 56.0     | 1.0  |
|      |     |     |          | Min | I     | -0.8    | -0.5    | -84.1   | -105.9   | -3.4     | -0.9 |
|      |     |     |          | CNT |       | -0.8    | -0.5    | -84.1   | -105.9   | -10.9    | -0.9 |

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|   |   |              |            |              |      |        |        |        |       |      |
|---|---|--------------|------------|--------------|------|--------|--------|--------|-------|------|
|   |   |              | J          | -0.8         | -0.5 | -84.1  | -105.9 | -18.8  | -1.0  |      |
|   |   | PP           | I          | 0.1          | -0.2 | 13.6   | 20.1   | -1.7   | -0.2  |      |
|   |   |              | CNT        | 0.1          | -0.2 | 20.5   | 19.6   | -5.9   | -0.2  |      |
|   |   |              | J          | 0.1          | -0.2 | 27.3   | 19.0   | -11.9  | -0.1  |      |
|   |   | perm         | I          | 0.1          | -0.1 | 16.5   | 20.4   | -2.5   | -0.1  |      |
|   |   |              | CNT        | 0.1          | -0.1 | 19.3   | 20.4   | -7.0   | -0.1  |      |
|   |   |              | J          | 0.1          | -0.1 | 22.0   | 20.4   | -12.1  | -0.1  |      |
|   |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 2 | 1 | 1 c mobili   | Max        | I            | 0.9  | 1.1    | 8.2    | 26.7   | 56.9  | 1.3  |
|   |   |              |            | CNT          | 0.9  | 1.1    | 8.2    | 26.7   | 80.6  | 1.2  |
|   |   |              |            | J            | 0.9  | 1.1    | 8.2    | 26.7   | 107.6 | 1.2  |
|   |   |              | Min        | I            | -1.0 | -0.6   | -118.4 | -114.6 | -18.9 | -1.4 |
|   |   |              |            | CNT          | -1.0 | -0.6   | -118.4 | -114.6 | -17.1 | -1.4 |
|   |   |              |            | J            | -1.0 | -0.6   | -118.4 | -114.6 | -16.5 | -1.6 |
|   |   | PP           | I          | 0.1          | -0.2 | -296.7 | 21.2   | -12.0  | -0.2  |      |
|   |   |              | CNT        | 0.1          | -0.2 | -289.9 | 20.6   | 61.3   | -0.1  |      |
|   |   |              | J          | 0.1          | -0.2 | -283.0 | 20.1   | 132.9  | -0.0  |      |
|   |   | perm         | I          | 0.1          | -0.1 | -97.2  | 22.5   | -12.3  | -0.1  |      |
|   |   |              | CNT        | 0.1          | -0.1 | -94.4  | 22.5   | 11.7   | -0.1  |      |
|   |   |              | J          | 0.1          | -0.1 | -91.7  | 22.5   | 34.9   | -0.1  |      |
|   |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 3 | 1 | 1 c mobili   | Max        | I            | 1.4  | 1.2    | 6.1    | 24.9   | 108.4 | 1.3  |
|   |   |              |            | CNT          | 1.4  | 1.2    | 6.1    | 24.9   | 137.5 | 1.3  |
|   |   |              |            | J            | 1.4  | 1.2    | 6.1    | 24.9   | 167.6 | 1.3  |
|   |   |              | Min        | I            | -0.9 | -0.7   | -122.0 | -118.4 | -16.6 | -2.2 |
|   |   |              |            | CNT          | -0.9 | -0.7   | -122.0 | -118.4 | -16.8 | -2.3 |
|   |   |              |            | J            | -0.9 | -0.7   | -122.0 | -118.4 | -18.0 | -2.4 |
|   |   | PP           | I          | 0.1          | -0.2 | -281.7 | 21.5   | 132.8  | -0.0  |      |
|   |   |              | CNT        | 0.1          | -0.2 | -274.8 | 20.9   | 202.4  | 0.0   |      |
|   |   |              | J          | 0.1          | -0.2 | -268.0 | 20.4   | 270.2  | 0.1   |      |
|   |   | perm         | I          | 0.1          | -0.1 | -90.8  | 23.4   | 34.8   | -0.0  |      |
|   |   |              | CNT        | 0.1          | -0.1 | -88.0  | 23.4   | 57.1   | 0.0   |      |
|   |   |              | J          | 0.1          | -0.1 | -85.3  | 23.4   | 78.8   | 0.0   |      |
|   |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 4 | 1 | 1 c mobili   | Max        | I            | 1.8  | 1.2    | 4.5    | 23.2   | 168.3 | 1.4  |
|   |   |              |            | CNT          | 1.8  | 1.2    | 4.5    | 23.2   | 198.8 | 1.3  |
|   |   |              |            | J            | 1.8  | 1.2    | 4.5    | 23.2   | 229.2 | 1.3  |
|   |   |              | Min        | I            | -0.8 | -0.8   | -122.7 | -119.3 | -18.1 | -3.0 |
|   |   |              |            | CNT          | -0.8 | -0.8   | -122.7 | -119.3 | -19.2 | -3.2 |
|   |   |              |            | J            | -0.8 | -0.8   | -122.7 | -119.3 | -20.3 | -3.3 |
|   |   | PP           | I          | 0.1          | -0.2 | -267.2 | 21.3   | 270.1  | 0.1   |      |
|   |   |              | CNT        | 0.1          | -0.2 | -260.3 | 20.8   | 336.1  | 0.1   |      |
|   |   |              | J          | 0.1          | -0.2 | -253.5 | 20.2   | 400.3  | 0.2   |      |
|   |   | perm         | I          | 0.0          | -0.1 | -85.0  | 23.7   | 78.6   | 0.1   |      |
|   |   |              | CNT        | 0.0          | -0.1 | -82.3  | 23.7   | 99.5   | 0.1   |      |
|   |   |              | J          | 0.0          | -0.1 | -79.5  | 23.7   | 119.8  | 0.1   |      |
|   |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 5 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.3    | 3.5    | 21.7   | 229.9 | 1.5  |
|   |   |              |            | CNT          | 2.1  | 1.3    | 3.5    | 21.7   | 260.1 | 1.4  |
|   |   |              |            | J            | 2.1  | 1.3    | 3.5    | 21.7   | 290.3 | 1.3  |
|   |   |              | Min        | I            | -0.8 | -0.8   | -121.6 | -118.2 | -20.4 | -3.9 |
|   |   |              |            | CNT          | -0.8 | -0.8   | -121.6 | -118.2 | -21.2 | -4.0 |
|   |   |              |            | J            | -0.8 | -0.8   | -121.6 | -118.2 | -22.0 | -4.2 |
|   |   | PP           | I          | 0.0          | -0.2 | -253.1 | 20.8   | 400.2  | 0.2   |      |
|   |   |              | CNT        | 0.0          | -0.2 | -246.2 | 20.3   | 462.6  | 0.3   |      |
|   |   |              | J          | 0.0          | -0.2 | -239.3 | 19.7   | 523.3  | 0.3   |      |
|   |   | perm         | I          | -0.0         | -0.1 | -79.8  | 23.5   | 119.6  | 0.2   |      |
|   |   |              | CNT        | -0.0         | -0.1 | -77.0  | 23.5   | 139.2  | 0.2   |      |
|   |   |              | J          | -0.0         | -0.1 | -74.3  | 23.5   | 158.1  | 0.3   |      |
|   |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|   |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |

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|              |      |            |              |              |      |            |              |        |        |        |      |        |        |       |      |
|--------------|------|------------|--------------|--------------|------|------------|--------------|--------|--------|--------|------|--------|--------|-------|------|
| 6            | 1    | 1 c mobili | Max          | I            | 2.3  | 1.3        | 2.9          | 20.4   | 290.9  | 1.5    |      |        |        |       |      |
|              |      |            |              | CNT          | 2.3  | 1.3        | 2.9          | 20.4   | 320.3  | 1.4    |      |        |        |       |      |
|              |      |            |              | J            | 2.3  | 1.3        | 2.9          | 20.4   | 349.7  | 1.4    |      |        |        |       |      |
|              |      |            |              | Min          | I    | -0.8       | -0.8         | -119.3 | -115.9 | -22.0  | -4.6 |        |        |       |      |
|              |      |            |              |              | CNT  | -0.8       | -0.8         | -119.3 | -115.9 | -22.7  | -4.7 |        |        |       |      |
|              |      |            |              |              | J    | -0.8       | -0.8         | -119.3 | -115.9 | -23.3  | -4.9 |        |        |       |      |
|              |      |            |              | pp           | I    | -0.0       | -0.2         | -239.2 | 20.1   | 523.1  | 0.3  |        |        |       |      |
|              |      |            |              |              | CNT  | -0.0       | -0.2         | -232.3 | 19.6   | 582.1  | 0.4  |        |        |       |      |
|              |      |            |              |              | J    | -0.0       | -0.2         | -225.4 | 19.0   | 639.3  | 0.4  |        |        |       |      |
|              |      |            |              | perm         | I    | -0.1       | -0.1         | -74.8  | 23.0   | 158.0  | 0.3  |        |        |       |      |
|              |      |            |              |              | CNT  | -0.1       | -0.1         | -72.1  | 23.0   | 176.3  | 0.3  |        |        |       |      |
|              |      |            |              |              | J    | -0.1       | -0.1         | -69.3  | 23.0   | 194.0  | 0.4  |        |        |       |      |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |      |        |        |       |      |
|              |      |            |              | 7            | 1    | 1 c mobili | Max          | I      | 2.5    | 1.3    | 2.9  | 19.2   | 350.3  | 1.5   |      |
|              |      |            |              |              |      |            |              | CNT    | 2.5    | 1.3    | 2.9  | 19.2   | 378.5  | 1.5   |      |
|              |      |            |              |              |      |            |              | J      | 2.5    | 1.3    | 2.9  | 19.2   | 406.9  | 1.4   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -0.8   | -0.8 | -116.2 | -112.7 | -23.3 | -5.2 |
|              |      |            |              |              |      |            |              |        | CNT    | -0.8   | -0.8 | -116.2 | -112.7 | -23.7 | -5.3 |
| J            | -0.8 | -0.8       | -116.2       |              |      |            |              |        | -112.7 | -24.2  | -5.5 |        |        |       |      |
| pp           | I    | -0.1       | -0.2         |              |      |            |              | -225.5 | 19.3   | 639.2  | 0.4  |        |        |       |      |
|              | CNT  | -0.1       | -0.2         |              |      |            |              | -218.6 | 18.7   | 694.7  | 0.5  |        |        |       |      |
|              | J    | -0.1       | -0.2         |              |      |            |              | -211.7 | 18.2   | 748.5  | 0.5  |        |        |       |      |
| perm         | I    | -0.1       | -0.1         |              |      |            |              | -70.1  | 22.2   | 193.8  | 0.4  |        |        |       |      |
|              | CNT  | -0.1       | -0.1         |              |      |            |              | -67.4  | 22.2   | 211.0  | 0.4  |        |        |       |      |
|              | J    | -0.1       | -0.1         |              |      |            |              | -64.6  | 22.2   | 227.5  | 0.5  |        |        |       |      |
| acc          | I    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | CNT  | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | J    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
| Length = 0.5 |      | Type: Beam | Section: cap |              |      |            |              |        |        |        |      |        |        |       |      |
| 8            | 1    | 1 c mobili | Max          |              |      |            |              | I      | 2.6    | 1.4    | 2.9  | 18.2   | 407.5  | 1.6   |      |
|              |      |            |              |              |      |            |              | CNT    | 2.6    | 1.4    | 2.9  | 18.2   | 434.6  | 1.5   |      |
|              |      |            |              |              |      |            |              | J      | 2.6    | 1.4    | 2.9  | 18.2   | 461.6  | 1.4   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -0.8   | -0.8 | -112.4 | -108.8 | -24.2 | -5.7 |
|              |      |            |              |              |      |            |              |        | CNT    | -0.8   | -0.8 | -112.4 | -108.8 | -24.5 | -5.8 |
|              |      |            |              | J            | -0.8 | -0.8       | -112.4       |        | -108.8 | -24.7  | -5.9 |        |        |       |      |
|              |      |            |              | pp           | I    | -0.1       | -0.1         | -211.9 | 18.3   | 748.4  | 0.5  |        |        |       |      |
|              |      |            |              |              | CNT  | -0.1       | -0.1         | -205.0 | 17.8   | 800.5  | 0.5  |        |        |       |      |
|              |      |            |              |              | J    | -0.1       | -0.1         | -198.1 | 17.2   | 850.9  | 0.6  |        |        |       |      |
|              |      |            |              | perm         | I    | -0.1       | -0.1         | -65.6  | 21.3   | 227.4  | 0.5  |        |        |       |      |
|              |      |            |              |              | CNT  | -0.1       | -0.1         | -62.9  | 21.3   | 243.4  | 0.5  |        |        |       |      |
|              |      |            |              |              | J    | -0.1       | -0.1         | -60.1  | 21.3   | 258.8  | 0.6  |        |        |       |      |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |      |        |        |       |      |
|              |      |            |              | 9            | 1    | 1 c mobili | Max          | I      | 2.6    | 1.4    | 3.0  | 17.9   | 462.2  | 1.6   |      |
|              |      |            |              |              |      |            |              | CNT    | 2.6    | 1.4    | 3.0  | 17.9   | 487.7  | 1.6   |      |
|              |      |            |              |              |      |            |              | J      | 2.6    | 1.4    | 3.0  | 17.9   | 513.6  | 1.5   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -0.9   | -0.8 | -108.3 | -104.6 | -24.8 | -6.1 |
|              |      |            |              |              |      |            |              |        | CNT    | -0.9   | -0.8 | -108.3 | -104.6 | -24.9 | -6.2 |
| J            | -0.9 | -0.8       | -108.3       |              |      |            |              |        | -104.6 | -25.1  | -6.3 |        |        |       |      |
| pp           | I    | -0.1       | -0.1         |              |      |            |              | -198.4 | 17.3   | 850.8  | 0.6  |        |        |       |      |
|              | CNT  | -0.1       | -0.1         |              |      |            |              | -191.5 | 16.8   | 899.5  | 0.6  |        |        |       |      |
|              | J    | -0.1       | -0.1         |              |      |            |              | -184.7 | 16.2   | 946.6  | 0.6  |        |        |       |      |
| perm         | I    | -0.2       | -0.1         |              |      |            |              | -61.2  | 20.3   | 258.7  | 0.6  |        |        |       |      |
|              | CNT  | -0.2       | -0.1         |              |      |            |              | -58.4  | 20.3   | 273.6  | 0.6  |        |        |       |      |
|              | J    | -0.2       | -0.1         |              |      |            |              | -55.7  | 20.3   | 287.9  | 0.6  |        |        |       |      |
| acc          | I    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | CNT  | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | J    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
| Length = 0.5 |      | Type: Beam | Section: cap |              |      |            |              |        |        |        |      |        |        |       |      |
| 10           | 1    | 1 c mobili | Max          |              |      |            |              | I      | 2.7    | 1.4    | 3.1  | 19.7   | 514.1  | 1.7   |      |
|              |      |            |              |              |      |            |              | CNT    | 2.7    | 1.4    | 3.1  | 19.7   | 537.9  | 1.6   |      |
|              |      |            |              |              |      |            |              | J      | 2.7    | 1.4    | 3.1  | 19.7   | 562.2  | 1.5   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -0.9   | -0.8 | -103.9 | -100.1 | -25.1 | -6.4 |
|              |      |            |              |              |      |            |              |        | CNT    | -0.9   | -0.8 | -103.9 | -100.1 | -25.2 | -6.5 |
|              |      |            |              | J            | -0.9 | -0.8       | -103.9       |        | -100.1 | -25.3  | -6.5 |        |        |       |      |
|              |      |            |              | pp           | I    | -0.1       | -0.1         | -185.0 | 16.2   | 946.5  | 0.6  |        |        |       |      |
|              |      |            |              |              | CNT  | -0.1       | -0.1         | -178.1 | 15.7   | 991.9  | 0.6  |        |        |       |      |
|              |      |            |              |              | J    | -0.1       | -0.1         | -171.3 | 15.1   | 1035.5 | 0.7  |        |        |       |      |
|              |      |            |              | perm         | I    | -0.2       | -0.1         | -56.9  | 19.2   | 287.8  | 0.6  |        |        |       |      |
|              |      |            |              |              | CNT  | -0.2       | -0.1         | -54.1  | 19.2   | 301.6  | 0.7  |        |        |       |      |
|              |      |            |              |              | J    | -0.2       | -0.1         | -51.4  | 19.2   | 314.8  | 0.7  |        |        |       |      |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |

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|                                                |   |            |      |     |      |      |        |        |        |        |     |
|------------------------------------------------|---|------------|------|-----|------|------|--------|--------|--------|--------|-----|
|                                                |   |            | CNT  | 0.0 | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|                                                |   |            | J    | 0.0 | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
| Length = 0.5      Type: Beam      Section: cap |   |            |      |     |      |      |        |        |        |        |     |
| 11                                             | 1 | 1 c mobili | Max  | I   | 2.8  | 1.4  | 3.9    | 21.7   | 562.7  | 1.7    |     |
|                                                |   |            |      | CNT | 2.8  | 1.4  | 3.9    | 21.7   | 585.1  | 1.6    |     |
|                                                |   |            |      | J   | 2.8  | 1.4  | 3.9    | 21.7   | 607.6  | 1.6    |     |
|                                                |   |            | Min  | I   | -1.0 | -0.8 | -99.4  | -95.4  | -25.3  | -6.6   |     |
|                                                |   |            |      | CNT | -1.0 | -0.8 | -99.4  | -95.4  | -25.3  | -6.7   |     |
|                                                |   |            |      | J   | -1.0 | -0.8 | -99.4  | -95.4  | -25.3  | -6.7   |     |
|                                                |   |            |      | PP  | I    | -0.1 | -0.1   | -171.7 | 15.1   | 1035.4 | 0.7 |
|                                                |   |            |      | CNT | -0.1 | -0.1 | -164.8 | 14.6   | 1077.5 | 0.7    |     |
|                                                |   |            |      | J   | -0.1 | -0.1 | -157.9 | 14.0   | 1117.8 | 0.7    |     |
|                                                |   |            | perm | I   | -0.2 | -0.1 | -52.7  | 18.0   | 314.7  | 0.7    |     |
|                                                |   |            |      | CNT | -0.2 | -0.1 | -49.9  | 18.0   | 327.5  | 0.7    |     |
|                                                |   |            |      | J   | -0.2 | -0.1 | -47.2  | 18.0   | 339.7  | 0.8    |     |
|                                                |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5      Type: Beam      Section: cap |   |            |      |     |      |      |        |        |        |        |     |
| 12                                             | 1 | 1 c mobili | Max  | I   | 2.9  | 1.4  | 6.1    | 23.9   | 608.1  | 1.7    |     |
|                                                |   |            |      | CNT | 2.9  | 1.4  | 6.1    | 23.9   | 628.5  | 1.6    |     |
|                                                |   |            |      | J   | 2.9  | 1.4  | 6.1    | 23.9   | 649.8  | 1.6    |     |
|                                                |   |            | Min  | I   | -1.0 | -0.9 | -94.8  | -90.6  | -25.3  | -6.8   |     |
|                                                |   |            |      | CNT | -1.0 | -0.9 | -94.8  | -90.6  | -25.2  | -6.8   |     |
|                                                |   |            |      | J   | -1.0 | -0.9 | -94.8  | -90.6  | -25.1  | -6.9   |     |
|                                                |   |            |      | PP  | I    | -0.1 | -0.1   | -158.4 | 14.0   | 1117.8 | 0.7 |
|                                                |   |            |      | CNT | -0.1 | -0.1 | -151.5 | 13.5   | 1156.5 | 0.7    |     |
|                                                |   |            |      | J   | -0.1 | -0.1 | -144.6 | 12.9   | 1193.5 | 0.7    |     |
|                                                |   |            | perm | I   | -0.2 | -0.1 | -48.5  | 16.7   | 339.5  | 0.8    |     |
|                                                |   |            |      | CNT | -0.2 | -0.1 | -45.7  | 16.7   | 351.3  | 0.8    |     |
|                                                |   |            |      | J   | -0.2 | -0.1 | -43.0  | 16.7   | 362.4  | 0.8    |     |
|                                                |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5      Type: Beam      Section: cap |   |            |      |     |      |      |        |        |        |        |     |
| 13                                             | 1 | 1 c mobili | Max  | I   | 3.0  | 1.4  | 8.7    | 26.0   | 650.2  | 1.7    |     |
|                                                |   |            |      | CNT | 3.0  | 1.4  | 8.7    | 26.0   | 668.7  | 1.7    |     |
|                                                |   |            |      | J   | 3.0  | 1.4  | 8.7    | 26.0   | 688.1  | 1.6    |     |
|                                                |   |            | Min  | I   | -1.1 | -0.9 | -90.2  | -85.7  | -25.1  | -6.9   |     |
|                                                |   |            |      | CNT | -1.1 | -0.9 | -90.2  | -85.7  | -25.0  | -6.9   |     |
|                                                |   |            |      | J   | -1.1 | -0.9 | -90.2  | -85.7  | -24.9  | -6.9   |     |
|                                                |   |            |      | PP  | I    | -0.1 | -0.1   | -145.1 | 12.9   | 1193.4 | 0.7 |
|                                                |   |            |      | CNT | -0.1 | -0.1 | -138.2 | 12.3   | 1228.9 | 0.7    |     |
|                                                |   |            |      | J   | -0.1 | -0.1 | -131.4 | 11.8   | 1262.6 | 0.7    |     |
|                                                |   |            | perm | I   | -0.2 | -0.1 | -44.4  | 15.4   | 362.3  | 0.8    |     |
|                                                |   |            |      | CNT | -0.2 | -0.1 | -41.6  | 15.4   | 373.1  | 0.8    |     |
|                                                |   |            |      | J   | -0.2 | -0.1 | -38.9  | 15.4   | 383.1  | 0.9    |     |
|                                                |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5      Type: Beam      Section: cap |   |            |      |     |      |      |        |        |        |        |     |
| 14                                             | 1 | 1 c mobili | Max  | I   | 3.0  | 1.4  | 11.4   | 28.0   | 688.5  | 1.7    |     |
|                                                |   |            |      | CNT | 3.0  | 1.4  | 11.4   | 28.0   | 705.6  | 1.7    |     |
|                                                |   |            |      | J   | 3.0  | 1.4  | 11.4   | 28.0   | 723.0  | 1.6    |     |
|                                                |   |            | Min  | I   | -1.1 | -1.0 | -85.5  | -80.7  | -24.9  | -7.0   |     |
|                                                |   |            |      | CNT | -1.1 | -1.0 | -85.5  | -80.7  | -24.7  | -7.0   |     |
|                                                |   |            |      | J   | -1.1 | -1.0 | -85.5  | -80.7  | -24.5  | -7.0   |     |
|                                                |   |            |      | PP  | I    | -0.1 | -0.1   | -131.9 | 11.7   | 1262.5 | 0.7 |
|                                                |   |            |      | CNT | -0.1 | -0.1 | -125.0 | 11.2   | 1294.6 | 0.7    |     |
|                                                |   |            |      | J   | -0.1 | -0.1 | -118.1 | 10.6   | 1325.0 | 0.8    |     |
|                                                |   |            | perm | I   | -0.2 | -0.1 | -40.3  | 14.0   | 383.0  | 0.9    |     |
|                                                |   |            |      | CNT | -0.2 | -0.1 | -37.6  | 14.0   | 392.8  | 0.9    |     |
|                                                |   |            |      | J   | -0.2 | -0.1 | -34.8  | 14.0   | 401.8  | 0.9    |     |
|                                                |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
|                                                |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5      Type: Beam      Section: cap |   |            |      |     |      |      |        |        |        |        |     |
| 15                                             | 1 | 1 c mobili | Max  | I   | 3.1  | 1.4  | 14.2   | 29.9   | 723.4  | 1.7    |     |
|                                                |   |            |      | CNT | 3.1  | 1.4  | 14.2   | 29.9   | 738.7  | 1.7    |     |
|                                                |   |            |      | J   | 3.1  | 1.4  | 14.2   | 29.9   | 754.4  | 1.6    |     |
|                                                |   |            | Min  | I   | -1.2 | -1.1 | -80.9  | -75.6  | -24.5  | -7.1   |     |
|                                                |   |            |      | CNT | -1.2 | -1.1 | -80.9  | -75.6  | -24.3  | -7.0   |     |
|                                                |   |            |      | J   | -1.2 | -1.1 | -80.9  | -75.6  | -24.1  | -7.0   |     |
|                                                |   |            |      | PP  | I    | -0.1 | -0.1   | -118.7 | 10.6   | 1324.9 | 0.7 |
|                                                |   |            |      | CNT | -0.1 | -0.1 | -111.8 | 10.0   | 1353.7 | 0.8    |     |
|                                                |   |            |      | J   | -0.1 | -0.1 | -104.9 | 9.4    | 1380.8 | 0.8    |     |



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|    |   |              |            |              |      |      |        |       |        |      |
|----|---|--------------|------------|--------------|------|------|--------|-------|--------|------|
|    |   |              | perm       | I            | -0.1 | -0.1 | -36.3  | 12.6  | 401.7  | 0.9  |
|    |   |              |            | CNT          | -0.1 | -0.1 | -33.5  | 12.6  | 410.4  | 0.9  |
|    |   |              |            | J            | -0.1 | -0.1 | -30.8  | 12.6  | 418.5  | 0.9  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 16 | 1 | 1 c mobili   | Max        | I            | 3.2  | 1.3  | 17.1   | 31.5  | 754.7  | 1.7  |
|    |   |              |            | CNT          | 3.2  | 1.3  | 17.1   | 31.5  | 767.9  | 1.6  |
|    |   |              |            | J            | 3.2  | 1.3  | 17.1   | 31.5  | 782.2  | 1.6  |
|    |   |              | Min        | I            | -1.2 | -1.1 | -76.2  | -69.7 | -24.1  | -7.1 |
|    |   |              |            | CNT          | -1.2 | -1.1 | -76.2  | -69.7 | -23.8  | -7.0 |
|    |   |              |            | J            | -1.2 | -1.1 | -76.2  | -69.7 | -23.6  | -7.0 |
|    |   |              | pp         | I            | -0.1 | -0.0 | -105.5 | 9.4   | 1380.8 | 0.8  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -98.6  | 8.8   | 1406.3 | 0.8  |
|    |   |              |            | J            | -0.1 | -0.0 | -91.7  | 8.3   | 1430.1 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.1 | -32.3  | 11.2  | 418.4  | 0.9  |
|    |   |              |            | CNT          | -0.1 | -0.1 | -29.5  | 11.2  | 426.1  | 0.9  |
|    |   |              |            | J            | -0.1 | -0.1 | -26.8  | 11.2  | 433.1  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 17 | 1 | 1 c mobili   | Max        | I            | 3.3  | 1.3  | 20.0   | 33.0  | 782.5  | 1.7  |
|    |   |              |            | CNT          | 3.3  | 1.3  | 20.0   | 33.0  | 793.6  | 1.6  |
|    |   |              |            | J            | 3.3  | 1.3  | 20.0   | 33.0  | 806.2  | 1.6  |
|    |   |              | Min        | I            | -1.2 | -1.1 | -71.6  | -65.9 | -23.6  | -7.1 |
|    |   |              |            | CNT          | -1.2 | -1.1 | -71.6  | -65.9 | -23.3  | -7.0 |
|    |   |              |            | J            | -1.2 | -1.1 | -71.6  | -65.9 | -23.0  | -7.0 |
|    |   |              | pp         | I            | -0.1 | -0.0 | -92.3  | 8.2   | 1430.0 | 0.8  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -85.4  | 7.7   | 1452.2 | 0.8  |
|    |   |              |            | J            | -0.1 | -0.0 | -78.6  | 7.1   | 1472.7 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.1 | -28.3  | 9.7   | 433.1  | 0.9  |
|    |   |              |            | CNT          | -0.1 | -0.1 | -25.5  | 9.7   | 439.8  | 1.0  |
|    |   |              |            | J            | -0.1 | -0.1 | -22.8  | 9.7   | 445.8  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 18 | 1 | 1 c mobili   | Max        | I            | 3.3  | 1.3  | 22.9   | 34.2  | 806.4  | 1.7  |
|    |   |              |            | CNT          | 3.3  | 1.3  | 22.9   | 34.2  | 815.6  | 1.6  |
|    |   |              |            | J            | 3.3  | 1.3  | 22.9   | 34.2  | 826.2  | 1.5  |
|    |   |              | Min        | I            | -1.3 | -1.2 | -67.0  | -62.2 | -23.0  | -7.1 |
|    |   |              |            | CNT          | -1.3 | -1.2 | -67.0  | -62.2 | -22.7  | -7.0 |
|    |   |              |            | J            | -1.3 | -1.2 | -67.0  | -62.2 | -22.4  | -7.0 |
|    |   |              | pp         | I            | -0.1 | -0.0 | -79.1  | 7.0   | 1472.7 | 0.8  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -72.3  | 6.5   | 1491.6 | 0.8  |
|    |   |              |            | J            | -0.1 | -0.0 | -65.4  | 5.9   | 1508.8 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.0 | -24.3  | 8.3   | 445.8  | 1.0  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -21.6  | 8.3   | 451.5  | 1.0  |
|    |   |              |            | J            | -0.1 | -0.0 | -18.8  | 8.3   | 456.6  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 19 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.3  | 25.9   | 35.2  | 826.4  | 1.6  |
|    |   |              |            | CNT          | 3.4  | 1.3  | 25.9   | 35.2  | 834.2  | 1.6  |
|    |   |              |            | J            | 3.4  | 1.3  | 25.9   | 35.2  | 842.7  | 1.5  |
|    |   |              | Min        | I            | -1.3 | -1.2 | -62.4  | -58.6 | -22.4  | -7.1 |
|    |   |              |            | CNT          | -1.3 | -1.2 | -62.4  | -58.6 | -22.1  | -7.0 |
|    |   |              |            | J            | -1.3 | -1.2 | -62.4  | -58.6 | -21.8  | -7.0 |
|    |   |              | pp         | I            | -0.1 | -0.0 | -66.0  | 5.9   | 1508.8 | 0.8  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -59.1  | 5.3   | 1524.4 | 0.8  |
|    |   |              |            | J            | -0.1 | -0.0 | -52.2  | 4.7   | 1538.4 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.0 | -20.4  | 6.8   | 456.5  | 1.0  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -17.6  | 6.8   | 461.3  | 1.0  |
|    |   |              |            | J            | -0.1 | -0.0 | -14.9  | 6.8   | 465.3  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 20 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.3  | 29.2   | 36.0  | 842.9  | 1.6  |
|    |   |              |            | CNT          | 3.4  | 1.3  | 29.2   | 36.0  | 849.0  | 1.5  |
|    |   |              |            | J            | 3.4  | 1.3  | 29.2   | 36.0  | 855.5  | 1.4  |
|    |   |              | Min        | I            | -1.3 | -1.2 | -57.9  | -55.0 | -21.8  | -7.1 |
|    |   |              |            | CNT          | -1.3 | -1.2 | -57.9  | -55.0 | -21.5  | -7.0 |
|    |   |              |            | J            | -1.3 | -1.2 | -57.9  | -55.0 | -21.1  | -7.0 |

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|    |   |              |            |              |      |      |       |       |        |      |
|----|---|--------------|------------|--------------|------|------|-------|-------|--------|------|
|    |   |              | pp         | I            | -0.1 | -0.0 | -52.8 | 4.7   | 1538.3 | 0.8  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -46.0 | 4.1   | 1550.7 | 0.8  |
|    |   |              |            | J            | -0.1 | -0.0 | -39.1 | 3.6   | 1561.3 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.0 | -16.5 | 5.3   | 465.3  | 1.0  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -13.7 | 5.3   | 469.1  | 1.0  |
|    |   |              |            | J            | -0.1 | -0.0 | -11.0 | 5.3   | 472.2  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 21 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.3  | 32.8  | 37.6  | 855.6  | 1.5  |
|    |   |              |            | CNT          | 3.4  | 1.3  | 32.8  | 37.6  | 859.9  | 1.4  |
|    |   |              |            | J            | 3.4  | 1.3  | 32.8  | 37.6  | 864.8  | 1.4  |
|    |   |              | Min        | I            | -1.3 | -1.2 | -53.4 | -51.5 | -21.1  | -7.0 |
|    |   |              |            | CNT          | -1.3 | -1.2 | -53.4 | -51.5 | -20.8  | -7.0 |
|    |   |              |            | J            | -1.3 | -1.2 | -53.4 | -51.5 | -20.4  | -7.0 |
|    |   |              | pp         | I            | -0.1 | -0.0 | -39.7 | 3.5   | 1561.3 | 0.8  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -32.8 | 2.9   | 1570.4 | 0.8  |
|    |   |              |            | J            | -0.1 | -0.0 | -26.0 | 2.4   | 1577.7 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.0 | -12.5 | 3.8   | 472.1  | 1.0  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -9.8  | 3.8   | 474.9  | 1.0  |
|    |   |              |            | J            | -0.1 | -0.0 | -7.0  | 3.8   | 477.0  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 22 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.3  | 36.5  | 39.5  | 864.9  | 1.5  |
|    |   |              |            | CNT          | 3.4  | 1.3  | 36.5  | 39.5  | 867.2  | 1.4  |
|    |   |              |            | J            | 3.4  | 1.3  | 36.5  | 39.5  | 870.5  | 1.3  |
|    |   |              | Min        | I            | -1.3 | -1.2 | -49.0 | -48.1 | -20.4  | -7.0 |
|    |   |              |            | CNT          | -1.3 | -1.2 | -49.0 | -48.1 | -20.1  | -7.0 |
|    |   |              |            | J            | -1.3 | -1.2 | -49.0 | -48.1 | -19.7  | -7.0 |
|    |   |              | pp         | I            | -0.1 | -0.0 | -26.6 | 2.3   | 1577.7 | 0.8  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -19.7 | 1.8   | 1583.5 | 0.8  |
|    |   |              |            | J            | -0.1 | -0.0 | -12.8 | 1.2   | 1587.5 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.0 | -8.6  | 2.3   | 477.0  | 1.0  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -5.9  | 2.3   | 478.8  | 1.0  |
|    |   |              |            | J            | -0.1 | -0.0 | -3.1  | 2.3   | 479.9  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 23 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.3  | 40.5  | 41.9  | 870.5  | 1.4  |
|    |   |              |            | CNT          | 3.4  | 1.3  | 40.5  | 41.9  | 870.8  | 1.3  |
|    |   |              |            | J            | 3.4  | 1.3  | 40.5  | 41.9  | 872.2  | 1.3  |
|    |   |              | Min        | I            | -1.3 | -1.3 | -44.7 | -44.9 | -19.7  | -7.0 |
|    |   |              |            | CNT          | -1.3 | -1.3 | -44.7 | -44.9 | -19.3  | -6.9 |
|    |   |              |            | J            | -1.3 | -1.3 | -44.7 | -44.9 | -18.9  | -7.0 |
|    |   |              | pp         | I            | -0.0 | -0.0 | -13.4 | 1.1   | 1587.5 | 0.8  |
|    |   |              |            | CNT          | -0.0 | -0.0 | -6.6  | 0.6   | 1590.0 | 0.8  |
|    |   |              |            | J            | -0.0 | -0.0 | 0.3   | 0.0   | 1590.8 | 0.8  |
|    |   |              | perm       | I            | -0.1 | -0.0 | -4.7  | 0.8   | 479.9  | 1.0  |
|    |   |              |            | CNT          | -0.1 | -0.0 | -2.0  | 0.8   | 480.8  | 1.0  |
|    |   |              |            | J            | -0.1 | -0.0 | 0.8   | 0.8   | 480.9  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 24 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.3  | 44.7  | 44.9  | 872.2  | 1.3  |
|    |   |              |            | CNT          | 3.4  | 1.3  | 44.7  | 44.9  | 870.8  | 1.3  |
|    |   |              |            | J            | 3.4  | 1.3  | 44.7  | 44.9  | 870.5  | 1.4  |
|    |   |              | Min        | I            | -1.3 | -1.3 | -40.5 | -41.9 | -18.9  | -7.0 |
|    |   |              |            | CNT          | -1.3 | -1.3 | -40.5 | -41.9 | -19.3  | -6.9 |
|    |   |              |            | J            | -1.3 | -1.3 | -40.5 | -41.9 | -19.7  | -7.0 |
|    |   |              | pp         | I            | -0.0 | 0.0  | -0.3  | -0.0  | 1590.8 | 0.8  |
|    |   |              |            | CNT          | -0.0 | 0.0  | 6.6   | -0.6  | 1590.0 | 0.8  |
|    |   |              |            | J            | -0.0 | 0.0  | 13.4  | -1.1  | 1587.5 | 0.8  |
|    |   |              | perm       | I            | -0.1 | 0.0  | -0.8  | -0.8  | 480.9  | 1.0  |
|    |   |              |            | CNT          | -0.1 | 0.0  | 2.0   | -0.8  | 480.8  | 1.0  |
|    |   |              |            | J            | -0.1 | 0.0  | 4.7   | -0.8  | 479.9  | 1.0  |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 25 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.2  | 49.0  | 48.1  | 870.5  | 1.3  |

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|    |   |              |            |              |      |       |       |        |       |     |
|----|---|--------------|------------|--------------|------|-------|-------|--------|-------|-----|
|    |   |              | CNT        | 3.4          | 1.2  | 49.0  | 48.1  | 867.2  | 1.4   |     |
|    |   |              | J          | 3.4          | 1.2  | 49.0  | 48.1  | 864.9  | 1.5   |     |
|    |   | Min          | I          | -1.3         | -1.3 | -36.5 | -39.5 | -19.7  | -7.0  |     |
|    |   |              | CNT        | -1.3         | -1.3 | -36.5 | -39.5 | -20.1  | -7.0  |     |
|    |   |              | J          | -1.3         | -1.3 | -36.5 | -39.5 | -20.4  | -7.0  |     |
|    |   | pp           | I          | -0.1         | 0.0  | 12.8  | -1.2  | 1587.5 | 0.8   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 19.7  | -1.8  | 1583.5 | 0.8   |     |
|    |   |              | J          | -0.1         | 0.0  | 26.6  | -2.3  | 1577.7 | 0.8   |     |
|    |   | perm         | I          | -0.1         | 0.0  | 3.1   | -2.3  | 479.9  | 1.0   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 5.9   | -2.3  | 478.8  | 1.0   |     |
|    |   |              | J          | -0.1         | 0.0  | 8.6   | -2.3  | 477.0  | 1.0   |     |
|    |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 26 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.2   | 53.4  | 51.5   | 864.8 | 1.4 |
|    |   |              |            | CNT          | 3.4  | 1.2   | 53.4  | 51.5   | 859.9 | 1.4 |
|    |   |              |            | J            | 3.4  | 1.2   | 53.4  | 51.5   | 855.6 | 1.5 |
|    |   | Min          | I          | -1.3         | -1.3 | -32.8 | -37.6 | -20.4  | -7.0  |     |
|    |   |              | CNT        | -1.3         | -1.3 | -32.8 | -37.6 | -20.8  | -7.0  |     |
|    |   |              | J          | -1.3         | -1.3 | -32.8 | -37.6 | -21.1  | -7.0  |     |
|    |   | pp           | I          | -0.1         | 0.0  | 26.0  | -2.4  | 1577.7 | 0.8   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 32.8  | -2.9  | 1570.4 | 0.8   |     |
|    |   |              | J          | -0.1         | 0.0  | 39.7  | -3.5  | 1561.3 | 0.8   |     |
|    |   | perm         | I          | -0.1         | 0.0  | 7.0   | -3.8  | 477.0  | 1.0   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 9.8   | -3.8  | 474.9  | 1.0   |     |
|    |   |              | J          | -0.1         | 0.0  | 12.5  | -3.8  | 472.1  | 1.0   |     |
|    |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 27 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.2   | 57.9  | 55.0   | 855.5 | 1.4 |
|    |   |              |            | CNT          | 3.4  | 1.2   | 57.9  | 55.0   | 849.0 | 1.5 |
|    |   |              |            | J            | 3.4  | 1.2   | 57.9  | 55.0   | 842.9 | 1.6 |
|    |   | Min          | I          | -1.3         | -1.3 | -29.2 | -36.0 | -21.1  | -7.0  |     |
|    |   |              | CNT        | -1.3         | -1.3 | -29.2 | -36.0 | -21.5  | -7.0  |     |
|    |   |              | J          | -1.3         | -1.3 | -29.2 | -36.0 | -21.8  | -7.1  |     |
|    |   | pp           | I          | -0.1         | 0.0  | 39.1  | -3.6  | 1561.3 | 0.8   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 46.0  | -4.1  | 1550.7 | 0.8   |     |
|    |   |              | J          | -0.1         | 0.0  | 52.8  | -4.7  | 1538.3 | 0.8   |     |
|    |   | perm         | I          | -0.1         | 0.0  | 11.0  | -5.3  | 472.2  | 1.0   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 13.7  | -5.3  | 469.1  | 1.0   |     |
|    |   |              | J          | -0.1         | 0.0  | 16.5  | -5.3  | 465.3  | 1.0   |     |
|    |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 28 | 1 | 1 c mobili   | Max        | I            | 3.4  | 1.2   | 62.4  | 58.6   | 842.7 | 1.5 |
|    |   |              |            | CNT          | 3.4  | 1.2   | 62.4  | 58.6   | 834.2 | 1.6 |
|    |   |              |            | J            | 3.4  | 1.2   | 62.4  | 58.6   | 826.4 | 1.6 |
|    |   | Min          | I          | -1.3         | -1.3 | -25.9 | -35.2 | -21.8  | -7.0  |     |
|    |   |              | CNT        | -1.3         | -1.3 | -25.9 | -35.2 | -22.1  | -7.0  |     |
|    |   |              | J          | -1.3         | -1.3 | -25.9 | -35.2 | -22.4  | -7.1  |     |
|    |   | pp           | I          | -0.1         | 0.0  | 52.2  | -4.7  | 1538.4 | 0.8   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 59.1  | -5.3  | 1524.4 | 0.8   |     |
|    |   |              | J          | -0.1         | 0.0  | 66.0  | -5.9  | 1508.8 | 0.8   |     |
|    |   | perm         | I          | -0.1         | 0.0  | 14.9  | -6.8  | 465.3  | 1.0   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 17.6  | -6.8  | 461.3  | 1.0   |     |
|    |   |              | J          | -0.1         | 0.0  | 20.4  | -6.8  | 456.5  | 1.0   |     |
|    |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 29 | 1 | 1 c mobili   | Max        | I            | 3.3  | 1.2   | 67.0  | 62.2   | 826.2 | 1.5 |
|    |   |              |            | CNT          | 3.3  | 1.2   | 67.0  | 62.2   | 815.6 | 1.6 |
|    |   |              |            | J            | 3.3  | 1.2   | 67.0  | 62.2   | 806.4 | 1.7 |
|    |   | Min          | I          | -1.3         | -1.3 | -22.9 | -34.2 | -22.4  | -7.0  |     |
|    |   |              | CNT        | -1.3         | -1.3 | -22.9 | -34.2 | -22.7  | -7.0  |     |
|    |   |              | J          | -1.3         | -1.3 | -22.9 | -34.2 | -23.0  | -7.1  |     |
|    |   | pp           | I          | -0.1         | 0.0  | 65.4  | -5.9  | 1508.8 | 0.8   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 72.3  | -6.5  | 1491.6 | 0.8   |     |
|    |   |              | J          | -0.1         | 0.0  | 79.1  | -7.0  | 1472.7 | 0.8   |     |
|    |   | perm         | I          | -0.1         | 0.0  | 18.8  | -8.3  | 456.6  | 1.0   |     |
|    |   |              | CNT        | -0.1         | 0.0  | 21.6  | -8.3  | 451.5  | 1.0   |     |
|    |   |              | J          | -0.1         | 0.0  | 24.3  | -8.3  | 445.8  | 1.0   |     |
|    |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |

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|    |              |            |              |      |      |       |       |        |      |
|----|--------------|------------|--------------|------|------|-------|-------|--------|------|
|    |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 30 | 1            | 1 c mobili | Max I        | 3.3  | 1.1  | 71.6  | 65.9  | 806.2  | 1.6  |
|    |              |            | CNT          | 3.3  | 1.1  | 71.6  | 65.9  | 793.6  | 1.6  |
|    |              |            | J            | 3.3  | 1.1  | 71.6  | 65.9  | 782.5  | 1.7  |
|    |              | Min        | I            | -1.2 | -1.3 | -20.0 | -33.0 | -23.0  | -7.0 |
|    |              |            | CNT          | -1.2 | -1.3 | -20.0 | -33.0 | -23.3  | -7.0 |
|    |              |            | J            | -1.2 | -1.3 | -20.0 | -33.0 | -23.6  | -7.1 |
|    |              | pp         | I            | -0.1 | 0.0  | 78.6  | -7.1  | 1472.7 | 0.8  |
|    |              |            | CNT          | -0.1 | 0.0  | 85.4  | -7.7  | 1452.2 | 0.8  |
|    |              |            | J            | -0.1 | 0.0  | 92.3  | -8.2  | 1430.0 | 0.8  |
|    |              | perm       | I            | -0.1 | 0.1  | 22.8  | -9.7  | 445.8  | 1.0  |
|    |              |            | CNT          | -0.1 | 0.1  | 25.5  | -9.7  | 439.8  | 1.0  |
|    |              |            | J            | -0.1 | 0.1  | 28.3  | -9.7  | 433.1  | 0.9  |
|    |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 31 | 1            | 1 c mobili | Max I        | 3.2  | 1.1  | 76.2  | 69.7  | 782.2  | 1.6  |
|    |              |            | CNT          | 3.2  | 1.1  | 76.2  | 69.7  | 767.9  | 1.6  |
|    |              |            | J            | 3.2  | 1.1  | 76.2  | 69.7  | 754.7  | 1.7  |
|    |              | Min        | I            | -1.2 | -1.3 | -17.1 | -31.5 | -23.6  | -7.0 |
|    |              |            | CNT          | -1.2 | -1.3 | -17.1 | -31.5 | -23.8  | -7.0 |
|    |              |            | J            | -1.2 | -1.3 | -17.1 | -31.5 | -24.1  | -7.1 |
|    |              | pp         | I            | -0.1 | 0.0  | 91.7  | -8.3  | 1430.1 | 0.8  |
|    |              |            | CNT          | -0.1 | 0.0  | 98.6  | -8.8  | 1406.3 | 0.8  |
|    |              |            | J            | -0.1 | 0.0  | 105.5 | -9.4  | 1380.8 | 0.8  |
|    |              | perm       | I            | -0.1 | 0.1  | 26.8  | -11.2 | 433.1  | 1.0  |
|    |              |            | CNT          | -0.1 | 0.1  | 29.5  | -11.2 | 426.1  | 0.9  |
|    |              |            | J            | -0.1 | 0.1  | 32.3  | -11.2 | 418.4  | 0.9  |
|    |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 32 | 1            | 1 c mobili | Max I        | 3.1  | 1.1  | 80.9  | 75.6  | 754.4  | 1.6  |
|    |              |            | CNT          | 3.1  | 1.1  | 80.9  | 75.6  | 738.7  | 1.7  |
|    |              |            | J            | 3.1  | 1.1  | 80.9  | 75.6  | 723.4  | 1.7  |
|    |              | Min        | I            | -1.2 | -1.4 | -14.2 | -29.9 | -24.1  | -7.0 |
|    |              |            | CNT          | -1.2 | -1.4 | -14.2 | -29.9 | -24.3  | -7.0 |
|    |              |            | J            | -1.2 | -1.4 | -14.2 | -29.9 | -24.5  | -7.1 |
|    |              | pp         | I            | -0.1 | 0.1  | 104.9 | -9.4  | 1380.8 | 0.8  |
|    |              |            | CNT          | -0.1 | 0.1  | 111.8 | -10.0 | 1353.7 | 0.8  |
|    |              |            | J            | -0.1 | 0.1  | 118.7 | -10.6 | 1324.9 | 0.7  |
|    |              | perm       | I            | -0.1 | 0.1  | 30.8  | -12.6 | 418.5  | 0.9  |
|    |              |            | CNT          | -0.1 | 0.1  | 33.5  | -12.6 | 410.4  | 0.9  |
|    |              |            | J            | -0.1 | 0.1  | 36.3  | -12.6 | 401.7  | 0.9  |
|    |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 33 | 1            | 1 c mobili | Max I        | 3.0  | 1.0  | 85.5  | 80.7  | 723.0  | 1.6  |
|    |              |            | CNT          | 3.0  | 1.0  | 85.5  | 80.7  | 705.6  | 1.7  |
|    |              |            | J            | 3.0  | 1.0  | 85.5  | 80.7  | 688.5  | 1.7  |
|    |              | Min        | I            | -1.1 | -1.4 | -11.4 | -28.0 | -24.5  | -7.0 |
|    |              |            | CNT          | -1.1 | -1.4 | -11.4 | -28.0 | -24.7  | -7.0 |
|    |              |            | J            | -1.1 | -1.4 | -11.4 | -28.0 | -24.9  | -7.0 |
|    |              | pp         | I            | -0.1 | 0.1  | 118.1 | -10.6 | 1325.0 | 0.8  |
|    |              |            | CNT          | -0.1 | 0.1  | 125.0 | -11.2 | 1294.6 | 0.7  |
|    |              |            | J            | -0.1 | 0.1  | 131.9 | -11.7 | 1262.5 | 0.7  |
|    |              | perm       | I            | -0.2 | 0.1  | 34.8  | -14.0 | 401.8  | 0.9  |
|    |              |            | CNT          | -0.2 | 0.1  | 37.6  | -14.0 | 392.8  | 0.9  |
|    |              |            | J            | -0.2 | 0.1  | 40.3  | -14.0 | 383.0  | 0.9  |
|    |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 34 | 1            | 1 c mobili | Max I        | 3.0  | 0.9  | 90.2  | 85.7  | 688.1  | 1.6  |
|    |              |            | CNT          | 3.0  | 0.9  | 90.2  | 85.7  | 668.7  | 1.7  |
|    |              |            | J            | 3.0  | 0.9  | 90.2  | 85.7  | 650.2  | 1.7  |
|    |              | Min        | I            | -1.1 | -1.4 | -8.7  | -26.0 | -24.9  | -6.9 |
|    |              |            | CNT          | -1.1 | -1.4 | -8.7  | -26.0 | -25.0  | -6.9 |
|    |              |            | J            | -1.1 | -1.4 | -8.7  | -26.0 | -25.1  | -6.9 |
|    |              | pp         | I            | -0.1 | 0.1  | 131.4 | -11.8 | 1262.6 | 0.7  |
|    |              |            | CNT          | -0.1 | 0.1  | 138.2 | -12.3 | 1228.9 | 0.7  |
|    |              |            | J            | -0.1 | 0.1  | 145.1 | -12.9 | 1193.4 | 0.7  |
|    |              | perm       | I            | -0.2 | 0.1  | 38.9  | -15.4 | 383.1  | 0.9  |

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|    |              |            |              |      |      |      |       |       |        |      |
|----|--------------|------------|--------------|------|------|------|-------|-------|--------|------|
|    |              |            | CNT          | -0.2 | 0.1  | 41.6 | -15.4 | 373.1 | 0.8    |      |
|    |              |            | J            | -0.2 | 0.1  | 44.4 | -15.4 | 362.3 | 0.8    |      |
|    |              | acc        | I            | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    |      |
|    |              |            | CNT          | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    |      |
|    |              |            | J            | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    |      |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |      |       |       |        |      |
| 35 | 1            | 1 c mobili | Max          | I    | 2.9  | 0.9  | 94.8  | 90.6  | 649.8  | 1.6  |
|    |              |            |              | CNT  | 2.9  | 0.9  | 94.8  | 90.6  | 628.5  | 1.6  |
|    |              |            |              | J    | 2.9  | 0.9  | 94.8  | 90.6  | 608.1  | 1.7  |
|    |              |            | Min          | I    | -1.0 | -1.4 | -6.1  | -23.9 | -25.1  | -6.9 |
|    |              |            |              | CNT  | -1.0 | -1.4 | -6.1  | -23.9 | -25.2  | -6.8 |
|    |              |            |              | J    | -1.0 | -1.4 | -6.1  | -23.9 | -25.3  | -6.8 |
|    |              |            |              | I    | -0.1 | 0.1  | 144.6 | -12.9 | 1193.5 | 0.7  |
|    |              |            |              | CNT  | -0.1 | 0.1  | 151.5 | -13.5 | 1156.5 | 0.7  |
|    |              |            |              | J    | -0.1 | 0.1  | 158.4 | -14.0 | 1117.8 | 0.7  |
|    |              | perm       |              | I    | -0.2 | 0.1  | 43.0  | -16.7 | 362.4  | 0.8  |
|    |              |            |              | CNT  | -0.2 | 0.1  | 45.7  | -16.7 | 351.3  | 0.8  |
|    |              |            |              | J    | -0.2 | 0.1  | 48.5  | -16.7 | 339.5  | 0.8  |
|    |              | acc        |              | I    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | CNT  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | J    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |      |       |       |        |      |
| 36 | 1            | 1 c mobili | Max          | I    | 2.8  | 0.8  | 99.4  | 95.4  | 607.6  | 1.6  |
|    |              |            |              | CNT  | 2.8  | 0.8  | 99.4  | 95.4  | 585.1  | 1.6  |
|    |              |            |              | J    | 2.8  | 0.8  | 99.4  | 95.4  | 562.7  | 1.7  |
|    |              |            | Min          | I    | -1.0 | -1.4 | -3.9  | -21.7 | -25.3  | -6.7 |
|    |              |            |              | CNT  | -1.0 | -1.4 | -3.9  | -21.7 | -25.3  | -6.7 |
|    |              |            |              | J    | -1.0 | -1.4 | -3.9  | -21.7 | -25.3  | -6.6 |
|    |              |            |              | I    | -0.1 | 0.1  | 157.9 | -14.0 | 1117.8 | 0.7  |
|    |              |            |              | CNT  | -0.1 | 0.1  | 164.8 | -14.6 | 1077.5 | 0.7  |
|    |              |            |              | J    | -0.1 | 0.1  | 171.7 | -15.1 | 1035.4 | 0.7  |
|    |              | perm       |              | I    | -0.2 | 0.1  | 47.2  | -18.0 | 339.7  | 0.8  |
|    |              |            |              | CNT  | -0.2 | 0.1  | 49.9  | -18.0 | 327.5  | 0.7  |
|    |              |            |              | J    | -0.2 | 0.1  | 52.7  | -18.0 | 314.7  | 0.7  |
|    |              | acc        |              | I    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | CNT  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | J    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |      |       |       |        |      |
| 37 | 1            | 1 c mobili | Max          | I    | 2.7  | 0.8  | 103.9 | 100.1 | 562.2  | 1.5  |
|    |              |            |              | CNT  | 2.7  | 0.8  | 103.9 | 100.1 | 537.9  | 1.6  |
|    |              |            |              | J    | 2.7  | 0.8  | 103.9 | 100.1 | 514.1  | 1.7  |
|    |              |            | Min          | I    | -0.9 | -1.4 | -3.1  | -19.7 | -25.3  | -6.5 |
|    |              |            |              | CNT  | -0.9 | -1.4 | -3.1  | -19.7 | -25.2  | -6.5 |
|    |              |            |              | J    | -0.9 | -1.4 | -3.1  | -19.7 | -25.1  | -6.4 |
|    |              |            |              | I    | -0.1 | 0.1  | 171.3 | -15.1 | 1035.5 | 0.7  |
|    |              |            |              | CNT  | -0.1 | 0.1  | 178.1 | -15.7 | 991.9  | 0.6  |
|    |              |            |              | J    | -0.1 | 0.1  | 185.0 | -16.2 | 946.5  | 0.6  |
|    |              | perm       |              | I    | -0.2 | 0.1  | 51.4  | -19.2 | 314.8  | 0.7  |
|    |              |            |              | CNT  | -0.2 | 0.1  | 54.1  | -19.2 | 301.6  | 0.7  |
|    |              |            |              | J    | -0.2 | 0.1  | 56.9  | -19.2 | 287.8  | 0.6  |
|    |              | acc        |              | I    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | CNT  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | J    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |      |       |       |        |      |
| 38 | 1            | 1 c mobili | Max          | I    | 2.6  | 0.8  | 108.3 | 104.6 | 513.6  | 1.5  |
|    |              |            |              | CNT  | 2.6  | 0.8  | 108.3 | 104.6 | 487.7  | 1.6  |
|    |              |            |              | J    | 2.6  | 0.8  | 108.3 | 104.6 | 462.2  | 1.6  |
|    |              |            | Min          | I    | -0.9 | -1.4 | -3.0  | -17.9 | -25.1  | -6.3 |
|    |              |            |              | CNT  | -0.9 | -1.4 | -3.0  | -17.9 | -24.9  | -6.2 |
|    |              |            |              | J    | -0.9 | -1.4 | -3.0  | -17.9 | -24.8  | -6.1 |
|    |              |            |              | I    | -0.1 | 0.1  | 184.7 | -16.2 | 946.6  | 0.6  |
|    |              |            |              | CNT  | -0.1 | 0.1  | 191.5 | -16.8 | 899.5  | 0.6  |
|    |              |            |              | J    | -0.1 | 0.1  | 198.4 | -17.3 | 850.8  | 0.6  |
|    |              | perm       |              | I    | -0.2 | 0.1  | 55.7  | -20.3 | 287.9  | 0.6  |
|    |              |            |              | CNT  | -0.2 | 0.1  | 58.4  | -20.3 | 273.6  | 0.6  |
|    |              |            |              | J    | -0.2 | 0.1  | 61.2  | -20.3 | 258.7  | 0.6  |
|    |              | acc        |              | I    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | CNT  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    |              |            |              | J    | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|    | Length = 0.5 | Type: Beam | Section: cap |      |      |      |       |       |        |      |
| 39 | 1            | 1 c mobili | Max          | I    | 2.6  | 0.8  | 112.4 | 108.8 | 461.6  | 1.4  |
|    |              |            |              | CNT  | 2.6  | 0.8  | 112.4 | 108.8 | 434.6  | 1.5  |
|    |              |            |              | J    | 2.6  | 0.8  | 112.4 | 108.8 | 407.5  | 1.6  |
|    |              |            | Min          | I    | -0.8 | -1.4 | -2.9  | -18.2 | -24.7  | -5.9 |
|    |              |            |              | CNT  | -0.8 | -1.4 | -2.9  | -18.2 | -24.5  | -5.8 |
|    |              |            |              | J    | -0.8 | -1.4 | -2.9  | -18.2 | -24.2  | -5.7 |

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|    |   |              |            |              |      |      |       |       |       |       |     |
|----|---|--------------|------------|--------------|------|------|-------|-------|-------|-------|-----|
|    |   |              | PP         | I            | -0.1 | 0.1  | 198.1 | -17.2 | 850.9 | 0.6   |     |
|    |   |              |            | CNT          | -0.1 | 0.1  | 205.0 | -17.8 | 800.5 | 0.5   |     |
|    |   |              |            | J            | -0.1 | 0.1  | 211.9 | -18.3 | 748.4 | 0.5   |     |
|    |   |              | perm       | I            | -0.1 | 0.1  | 60.1  | -21.3 | 258.8 | 0.6   |     |
|    |   |              |            | CNT          | -0.1 | 0.1  | 62.9  | -21.3 | 243.4 | 0.5   |     |
|    |   |              |            | J            | -0.1 | 0.1  | 65.6  | -21.3 | 227.4 | 0.5   |     |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |       |       |     |
| 40 | 1 | 1            | c mobili   | Max          | I    | 2.5  | 0.8   | 116.2 | 112.7 | 406.9 | 1.4 |
|    |   |              |            |              | CNT  | 2.5  | 0.8   | 116.2 | 112.7 | 378.5 | 1.5 |
|    |   |              |            |              | J    | 2.5  | 0.8   | 116.2 | 112.7 | 350.3 | 1.5 |
|    |   |              | Min        | I            | -0.8 | -1.3 | -2.9  | -19.2 | -24.2 | -5.5  |     |
|    |   |              |            | CNT          | -0.8 | -1.3 | -2.9  | -19.2 | -23.7 | -5.3  |     |
|    |   |              |            | J            | -0.8 | -1.3 | -2.9  | -19.2 | -23.3 | -5.2  |     |
|    |   |              | PP         | I            | -0.1 | 0.2  | 211.7 | -18.2 | 748.5 | 0.5   |     |
|    |   |              |            | CNT          | -0.1 | 0.2  | 218.6 | -18.7 | 694.7 | 0.5   |     |
|    |   |              |            | J            | -0.1 | 0.2  | 225.5 | -19.3 | 639.2 | 0.4   |     |
|    |   |              | perm       | I            | -0.1 | 0.1  | 64.6  | -22.2 | 227.5 | 0.5   |     |
|    |   |              |            | CNT          | -0.1 | 0.1  | 67.4  | -22.2 | 211.0 | 0.4   |     |
|    |   |              |            | J            | -0.1 | 0.1  | 70.1  | -22.2 | 193.8 | 0.4   |     |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |       |       |     |
| 41 | 1 | 1            | c mobili   | Max          | I    | 2.3  | 0.8   | 119.3 | 115.9 | 349.7 | 1.4 |
|    |   |              |            |              | CNT  | 2.3  | 0.8   | 119.3 | 115.9 | 320.3 | 1.4 |
|    |   |              |            |              | J    | 2.3  | 0.8   | 119.3 | 115.9 | 290.9 | 1.5 |
|    |   |              | Min        | I            | -0.8 | -1.3 | -2.9  | -20.4 | -23.3 | -4.9  |     |
|    |   |              |            | CNT          | -0.8 | -1.3 | -2.9  | -20.4 | -22.7 | -4.7  |     |
|    |   |              |            | J            | -0.8 | -1.3 | -2.9  | -20.4 | -22.0 | -4.6  |     |
|    |   |              | PP         | I            | -0.0 | 0.2  | 225.4 | -19.0 | 639.3 | 0.4   |     |
|    |   |              |            | CNT          | -0.0 | 0.2  | 232.3 | -19.6 | 582.1 | 0.4   |     |
|    |   |              |            | J            | -0.0 | 0.2  | 239.2 | -20.1 | 523.1 | 0.3   |     |
|    |   |              | perm       | I            | -0.1 | 0.1  | 69.3  | -23.0 | 194.0 | 0.4   |     |
|    |   |              |            | CNT          | -0.1 | 0.1  | 72.1  | -23.0 | 176.3 | 0.3   |     |
|    |   |              |            | J            | -0.1 | 0.1  | 74.8  | -23.0 | 158.0 | 0.3   |     |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |       |       |     |
| 42 | 1 | 1            | c mobili   | Max          | I    | 2.1  | 0.8   | 121.6 | 118.2 | 290.3 | 1.3 |
|    |   |              |            |              | CNT  | 2.1  | 0.8   | 121.6 | 118.2 | 260.1 | 1.4 |
|    |   |              |            |              | J    | 2.1  | 0.8   | 121.6 | 118.2 | 229.9 | 1.5 |
|    |   |              | Min        | I            | -0.8 | -1.3 | -3.5  | -21.7 | -22.0 | -4.2  |     |
|    |   |              |            | CNT          | -0.8 | -1.3 | -3.5  | -21.7 | -21.2 | -4.0  |     |
|    |   |              |            | J            | -0.8 | -1.3 | -3.5  | -21.7 | -20.4 | -3.9  |     |
|    |   |              | PP         | I            | 0.0  | 0.2  | 239.3 | -19.7 | 523.3 | 0.3   |     |
|    |   |              |            | CNT          | 0.0  | 0.2  | 246.2 | -20.3 | 462.6 | 0.3   |     |
|    |   |              |            | J            | 0.0  | 0.2  | 253.1 | -20.8 | 400.2 | 0.2   |     |
|    |   |              | perm       | I            | -0.0 | 0.1  | 74.3  | -23.5 | 158.1 | 0.3   |     |
|    |   |              |            | CNT          | -0.0 | 0.1  | 77.0  | -23.5 | 139.2 | 0.2   |     |
|    |   |              |            | J            | -0.0 | 0.1  | 79.8  | -23.5 | 119.6 | 0.2   |     |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |       |       |     |
| 43 | 1 | 1            | c mobili   | Max          | I    | 1.8  | 0.8   | 122.7 | 119.3 | 229.2 | 1.3 |
|    |   |              |            |              | CNT  | 1.8  | 0.8   | 122.7 | 119.3 | 198.8 | 1.3 |
|    |   |              |            |              | J    | 1.8  | 0.8   | 122.7 | 119.3 | 168.3 | 1.4 |
|    |   |              | Min        | I            | -0.8 | -1.2 | -4.5  | -23.2 | -20.3 | -3.3  |     |
|    |   |              |            | CNT          | -0.8 | -1.2 | -4.5  | -23.2 | -19.2 | -3.2  |     |
|    |   |              |            | J            | -0.8 | -1.2 | -4.5  | -23.2 | -18.1 | -3.0  |     |
|    |   |              | PP         | I            | 0.1  | 0.2  | 253.5 | -20.2 | 400.3 | 0.2   |     |
|    |   |              |            | CNT          | 0.1  | 0.2  | 260.3 | -20.8 | 336.1 | 0.1   |     |
|    |   |              |            | J            | 0.1  | 0.2  | 267.2 | -21.3 | 270.1 | 0.1   |     |
|    |   |              | perm       | I            | 0.0  | 0.1  | 79.5  | -23.7 | 119.8 | 0.1   |     |
|    |   |              |            | CNT          | 0.0  | 0.1  | 82.3  | -23.7 | 99.5  | 0.1   |     |
|    |   |              |            | J            | 0.0  | 0.1  | 85.0  | -23.7 | 78.6  | 0.1   |     |
|    |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |       |       |     |
| 44 | 1 | 1            | c mobili   | Max          | I    | 1.4  | 0.7   | 122.0 | 118.4 | 167.6 | 1.3 |
|    |   |              |            |              | CNT  | 1.4  | 0.7   | 122.0 | 118.4 | 137.5 | 1.3 |

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|    |   |              |            |                        |      |       |       |       |      |
|----|---|--------------|------------|------------------------|------|-------|-------|-------|------|
|    |   |              | J          | 1.4                    | 0.7  | 122.0 | 118.4 | 108.4 | 1.3  |
|    |   | Min          | I          | -0.9                   | -1.2 | -6.1  | -24.9 | -18.0 | -2.4 |
|    |   |              | CNT        | -0.9                   | -1.2 | -6.1  | -24.9 | -16.8 | -2.3 |
|    |   |              | J          | -0.9                   | -1.2 | -6.1  | -24.9 | -16.6 | -2.2 |
|    |   |              | pp         |                        |      |       |       |       |      |
|    |   |              | I          | 0.1                    | 0.2  | 268.0 | -20.4 | 270.2 | 0.1  |
|    |   |              | CNT        | 0.1                    | 0.2  | 274.8 | -20.9 | 202.4 | 0.0  |
|    |   |              | J          | 0.1                    | 0.2  | 281.7 | -21.5 | 132.8 | -0.0 |
|    |   | perm         |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.1                    | 0.1  | 85.3  | -23.4 | 78.8  | 0.0  |
|    |   |              | CNT        | 0.1                    | 0.1  | 88.0  | -23.4 | 57.1  | 0.0  |
|    |   |              | J          | 0.1                    | 0.1  | 90.8  | -23.4 | 34.8  | -0.0 |
|    |   | acc          |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | CNT        | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | J          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap           |      |       |       |       |      |
| 45 | 1 | 1 c mobili   | Max        |                        |      |       |       |       |      |
|    |   |              | I          | 0.9                    | 0.6  | 118.4 | 114.6 | 107.6 | 1.2  |
|    |   |              | CNT        | 0.9                    | 0.6  | 118.4 | 114.6 | 80.6  | 1.2  |
|    |   |              | J          | 0.9                    | 0.6  | 118.4 | 114.6 | 56.9  | 1.3  |
|    |   | Min          | I          | -1.0                   | -1.1 | -8.2  | -26.7 | -16.5 | -1.6 |
|    |   |              | CNT        | -1.0                   | -1.1 | -8.2  | -26.7 | -17.1 | -1.4 |
|    |   |              | J          | -1.0                   | -1.1 | -8.2  | -26.7 | -18.9 | -1.4 |
|    |   |              | pp         |                        |      |       |       |       |      |
|    |   |              | I          | 0.1                    | 0.2  | 283.0 | -20.1 | 132.9 | -0.0 |
|    |   |              | CNT        | 0.1                    | 0.2  | 289.9 | -20.6 | 61.3  | -0.1 |
|    |   |              | J          | 0.1                    | 0.2  | 296.7 | -21.2 | -12.0 | -0.2 |
|    |   | perm         |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.1                    | 0.1  | 91.7  | -22.5 | 34.9  | -0.1 |
|    |   |              | CNT        | 0.1                    | 0.1  | 94.4  | -22.5 | 11.7  | -0.1 |
|    |   |              | J          | 0.1                    | 0.1  | 97.2  | -22.5 | -12.3 | -0.1 |
|    |   | acc          |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | CNT        | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | J          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap           |      |       |       |       |      |
| 46 | 1 | 1 c mobili   | Max        |                        |      |       |       |       |      |
|    |   |              | I          | 0.6                    | 0.5  | 84.1  | 105.9 | 56.0  | 1.0  |
|    |   |              | CNT        | 0.6                    | 0.5  | 84.1  | 105.9 | 35.4  | 1.0  |
|    |   |              | J          | 0.6                    | 0.5  | 84.1  | 105.9 | 15.5  | 1.1  |
|    |   | Min          | I          | -0.8                   | -0.9 | -31.7 | -28.9 | -18.8 | -1.0 |
|    |   |              | CNT        | -0.8                   | -0.9 | -31.7 | -28.9 | -10.9 | -0.9 |
|    |   |              | J          | -0.8                   | -0.9 | -31.7 | -28.9 | -3.4  | -0.9 |
|    |   |              | pp         |                        |      |       |       |       |      |
|    |   |              | I          | 0.1                    | 0.2  | -27.3 | -19.0 | -11.9 | -0.1 |
|    |   |              | CNT        | 0.1                    | 0.2  | -20.5 | -19.6 | -5.9  | -0.2 |
|    |   |              | J          | 0.1                    | 0.2  | -13.6 | -20.1 | -1.7  | -0.2 |
|    |   | perm         |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.1                    | 0.1  | -22.0 | -20.4 | -12.1 | -0.1 |
|    |   |              | CNT        | 0.1                    | 0.1  | -19.3 | -20.4 | -7.0  | -0.1 |
|    |   |              | J          | 0.1                    | 0.1  | -16.5 | -20.4 | -2.5  | -0.1 |
|    |   | acc          |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | CNT        | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | J          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   | Length = 0.5 | Type: Beam | Section: cap           |      |       |       |       |      |
| 47 | 2 | 4 c mobili   | Max        |                        |      |       |       |       |      |
|    |   |              | I          | 0.5                    | 0.6  | 84.1  | 15.6  | 53.9  | 0.7  |
|    |   |              | CNT        | 0.5                    | 0.6  | 84.1  | 15.6  | 38.9  | 0.6  |
|    |   |              | J          | 0.5                    | 0.6  | 84.1  | 15.6  | 31.5  | 0.7  |
|    |   | Min          | I          | -0.9                   | -0.8 | -31.3 | -3.3  | -15.5 | -0.7 |
|    |   |              | CNT        | -0.9                   | -0.8 | -31.3 | -3.3  | -15.1 | -0.5 |
|    |   |              | J          | -0.9                   | -0.8 | -31.3 | -3.3  | -27.3 | -0.3 |
|    |   |              | pp         |                        |      |       |       |       |      |
|    |   |              | I          | 0.2                    | 0.1  | -13.6 | -1.7  | -10.6 | 0.1  |
|    |   |              | CNT        | 0.2                    | 0.1  | -13.6 | -1.7  | -6.6  | 0.1  |
|    |   |              | J          | 0.2                    | 0.1  | -13.6 | -1.7  | -2.5  | 0.1  |
|    |   | perm         |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.1                    | 0.1  | -16.5 | -2.5  | -8.9  | 0.1  |
|    |   |              | CNT        | 0.1                    | 0.1  | -16.5 | -2.5  | -3.9  | 0.0  |
|    |   |              | J          | 0.1                    | 0.1  | -16.5 | -2.5  | 1.0   | -0.0 |
|    |   | acc          |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | CNT        | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | J          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   | Length = 2   | Type: Beam | Section: trasverso cap |      |       |       |       |      |
| 48 | 2 | 3 c mobili   | Max        |                        |      |       |       |       |      |
|    |   |              | I          | 0.2                    | 0.3  | 10.7  | 0.9   | 3.3   | 0.3  |
|    |   |              | CNT        | 0.2                    | 0.3  | 10.7  | 0.9   | 0.2   | 0.2  |
|    |   |              | J          | 0.2                    | 0.3  | 10.7  | 0.9   | 0.9   | 0.2  |
|    |   | Min          | I          | -0.2                   | -0.1 | -2.9  | -0.2  | -0.9  | -0.2 |
|    |   |              | CNT        | -0.2                   | -0.1 | -2.9  | -0.2  | -0.1  | -0.2 |
|    |   |              | J          | -0.2                   | -0.1 | -2.9  | -0.2  | -3.1  | -0.1 |
|    |   |              | pp         |                        |      |       |       |       |      |
|    |   |              | I          | 0.0                    | 0.0  | -2.1  | -0.1  | -0.7  | 0.0  |
|    |   |              | CNT        | 0.0                    | 0.0  | -2.1  | -0.1  | -0.1  | 0.0  |
|    |   |              | J          | 0.0                    | 0.0  | -2.1  | -0.1  | 0.5   | 0.0  |
|    |   | perm         |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.0                    | 0.0  | -2.0  | -0.2  | -0.6  | 0.0  |
|    |   |              | CNT        | 0.0                    | 0.0  | -2.0  | -0.2  | -0.0  | 0.0  |
|    |   |              | J          | 0.0                    | 0.0  | -2.0  | -0.2  | 0.6   | 0.0  |
|    |   | acc          |            |                        |      |       |       |       |      |
|    |   |              | I          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | CNT        | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|    |   |              | J          | 0.0                    | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |

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| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |      |      |      |      |      |
|------------|---|------------|------------------|------|------|------|------|------|------|------|------|
| 49         | 2 | 3 c mobili | Max              | I    | 0.2  | 0.5  | 5.7  | 0.9  | 1.9  | 0.3  |      |
|            |   |            |                  | CNT  | 0.2  | 0.5  | 5.7  | 0.9  | 0.3  | 0.2  |      |
|            |   |            |                  | J    | 0.2  | 0.5  | 5.7  | 0.9  | 1.4  | 0.2  |      |
|            |   |            | Min              | I    | -0.2 | -0.1 | -4.8 | -0.2 | -1.6 | -0.2 |      |
|            |   |            |                  | CNT  | -0.2 | -0.1 | -4.8 | -0.2 | -0.4 | -0.2 |      |
|            |   |            |                  | J    | -0.2 | -0.1 | -4.8 | -0.2 | -1.5 | -0.2 |      |
|            |   |            |                  | PP   | I    | -0.0 | -0.0 | -1.3 | -0.1 | -0.5 | 0.0  |
|            |   |            |                  |      | CNT  | -0.0 | -0.0 | -1.3 | -0.1 | -0.1 | 0.0  |
|            |   |            |                  |      | J    | -0.0 | -0.0 | -1.3 | -0.1 | 0.2  | 0.0  |
|            |   |            |                  | perm | I    | 0.0  | -0.0 | -0.9 | -0.2 | -0.3 | -0.0 |
|            |   |            |                  |      | CNT  | 0.0  | -0.0 | -0.9 | -0.2 | -0.0 | 0.0  |
|            |   |            |                  |      | J    | 0.0  | -0.0 | -0.9 | -0.2 | 0.2  | 0.0  |
|            |   |            |                  | acc  | I    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | CNT  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | J    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |      |      |      |      |      |
|------------|---|------------|------------------|------|------|------|------|------|------|------|------|
| 50         | 2 | 3 c mobili | Max              | I    | 0.2  | 0.6  | 3.1  | 0.9  | 1.3  | 0.3  |      |
|            |   |            |                  | CNT  | 0.2  | 0.6  | 3.1  | 0.9  | 0.5  | 0.2  |      |
|            |   |            |                  | J    | 0.2  | 0.6  | 3.1  | 0.9  | 2.3  | 0.2  |      |
|            |   |            | Min              | I    | -0.2 | -0.1 | -7.7 | -0.2 | -2.6 | -0.1 |      |
|            |   |            |                  | CNT  | -0.2 | -0.1 | -7.7 | -0.2 | -0.7 | -0.1 |      |
|            |   |            |                  | J    | -0.2 | -0.1 | -7.7 | -0.2 | -0.9 | -0.2 |      |
|            |   |            |                  | PP   | I    | -0.0 | -0.0 | -0.8 | -0.1 | -0.4 | 0.0  |
|            |   |            |                  |      | CNT  | -0.0 | -0.0 | -0.8 | -0.1 | -0.2 | 0.0  |
|            |   |            |                  |      | J    | -0.0 | -0.0 | -0.8 | -0.1 | 0.0  | 0.0  |
|            |   |            |                  | perm | I    | 0.0  | -0.1 | -0.2 | -0.2 | -0.1 | -0.0 |
|            |   |            |                  |      | CNT  | 0.0  | -0.1 | -0.2 | -0.2 | -0.0 | 0.0  |
|            |   |            |                  |      | J    | 0.0  | -0.1 | -0.2 | -0.2 | 0.0  | 0.0  |
|            |   |            |                  | acc  | I    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | CNT  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | J    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |      |      |      |      |      |
|------------|---|------------|------------------|------|------|------|------|------|------|------|------|
| 51         | 2 | 3 c mobili | Max              | I    | 0.2  | 0.6  | 1.8  | 0.9  | 1.1  | 0.3  |      |
|            |   |            |                  | CNT  | 0.2  | 0.6  | 1.8  | 0.9  | 0.7  | 0.2  |      |
|            |   |            |                  | J    | 0.2  | 0.6  | 1.8  | 0.9  | 3.1  | 0.2  |      |
|            |   |            | Min              | I    | -0.3 | -0.1 | -9.8 | -0.2 | -3.3 | -0.1 |      |
|            |   |            |                  | CNT  | -0.3 | -0.1 | -9.8 | -0.2 | -1.0 | -0.1 |      |
|            |   |            |                  | J    | -0.3 | -0.1 | -9.8 | -0.2 | -0.9 | -0.2 |      |
|            |   |            |                  | PP   | I    | -0.0 | -0.0 | -0.4 | -0.1 | -0.4 | 0.0  |
|            |   |            |                  |      | CNT  | -0.0 | -0.0 | -0.4 | -0.1 | -0.2 | 0.0  |
|            |   |            |                  |      | J    | -0.0 | -0.0 | -0.4 | -0.1 | -0.1 | 0.0  |
|            |   |            |                  | perm | I    | 0.0  | -0.1 | 0.2  | -0.2 | 0.0  | -0.0 |
|            |   |            |                  |      | CNT  | 0.0  | -0.1 | 0.2  | -0.2 | -0.0 | 0.0  |
|            |   |            |                  |      | J    | 0.0  | -0.1 | 0.2  | -0.2 | -0.1 | 0.0  |
|            |   |            |                  | acc  | I    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | CNT  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | J    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |       |      |      |      |      |
|------------|---|------------|------------------|------|------|------|-------|------|------|------|------|
| 52         | 2 | 3 c mobili | Max              | I    | 0.2  | 0.5  | 1.1   | 0.9  | 1.1  | 0.3  |      |
|            |   |            |                  | CNT  | 0.2  | 0.5  | 1.1   | 0.9  | 0.9  | 0.2  |      |
|            |   |            |                  | J    | 0.2  | 0.5  | 1.1   | 0.9  | 3.6  | 0.2  |      |
|            |   |            | Min              | I    | -0.3 | -0.2 | -11.3 | -0.1 | -3.8 | -0.1 |      |
|            |   |            |                  | CNT  | -0.3 | -0.2 | -11.3 | -0.1 | -1.3 | -0.1 |      |
|            |   |            |                  | J    | -0.3 | -0.2 | -11.3 | -0.1 | -1.0 | -0.2 |      |
|            |   |            |                  | PP   | I    | -0.0 | -0.0  | -0.1 | -0.1 | -0.3 | 0.0  |
|            |   |            |                  |      | CNT  | -0.0 | -0.0  | -0.1 | -0.1 | -0.3 | 0.0  |
|            |   |            |                  |      | J    | -0.0 | -0.0  | -0.1 | -0.1 | -0.2 | 0.0  |
|            |   |            |                  | perm | I    | 0.0  | -0.0  | 0.6  | -0.2 | 0.1  | -0.0 |
|            |   |            |                  |      | CNT  | 0.0  | -0.0  | 0.6  | -0.2 | -0.1 | 0.0  |
|            |   |            |                  |      | J    | 0.0  | -0.0  | 0.6  | -0.2 | -0.2 | 0.0  |
|            |   |            |                  | acc  | I    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | CNT  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | J    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |       |      |      |      |      |
|------------|---|------------|------------------|------|------|------|-------|------|------|------|------|
| 53         | 2 | 3 c mobili | Max              | I    | 0.3  | 0.5  | 0.9   | 0.9  | 1.2  | 0.3  |      |
|            |   |            |                  | CNT  | 0.3  | 0.5  | 0.9   | 0.9  | 1.1  | 0.2  |      |
|            |   |            |                  | J    | 0.3  | 0.5  | 0.9   | 0.9  | 4.1  | 0.2  |      |
|            |   |            | Min              | I    | -0.3 | -0.3 | -12.4 | -0.1 | -4.2 | -0.2 |      |
|            |   |            |                  | CNT  | -0.3 | -0.3 | -12.4 | -0.1 | -1.6 | -0.1 |      |
|            |   |            |                  | J    | -0.3 | -0.3 | -12.4 | -0.1 | -1.2 | -0.2 |      |
|            |   |            |                  | PP   | I    | -0.0 | -0.0  | 0.0  | -0.1 | -0.3 | 0.0  |
|            |   |            |                  |      | CNT  | -0.0 | -0.0  | 0.0  | -0.1 | -0.3 | 0.0  |
|            |   |            |                  |      | J    | -0.0 | -0.0  | 0.0  | -0.1 | -0.3 | 0.0  |
|            |   |            |                  | perm | I    | 0.0  | -0.0  | 0.8  | -0.2 | 0.2  | -0.0 |
|            |   |            |                  |      | CNT  | 0.0  | -0.0  | 0.8  | -0.2 | -0.1 | 0.0  |



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|    |            |            |                  |      |      |       |      |      |      |     |
|----|------------|------------|------------------|------|------|-------|------|------|------|-----|
|    |            |            | J                | 0.0  | -0.0 | 0.8   | -0.2 | -0.3 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 54 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.5   | 0.7  | 0.9  | 1.3  | 0.3 |
|    |            |            |                  | CNT  | 0.3  | 0.5   | 0.7  | 0.9  | 1.2  | 0.2 |
|    |            |            |                  | J    | 0.3  | 0.5   | 0.7  | 0.9  | 4.5  | 0.2 |
|    |            | Min        | I                | -0.3 | -0.3 | -13.1 | -0.1 | -4.4 | -0.2 |     |
|    |            |            | CNT              | -0.3 | -0.3 | -13.1 | -0.1 | -1.8 | -0.1 |     |
|    |            |            | J                | -0.3 | -0.3 | -13.1 | -0.1 | -1.4 | -0.2 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.2   | -0.1 | -0.3 | 0.0  |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.2   | -0.1 | -0.3 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 0.2   | -0.1 | -0.4 | 0.0  |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.0   | -0.1 | 0.2  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.0   | -0.1 | -0.1 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 1.0   | -0.1 | -0.3 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 55 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.5   | 0.7  | 0.8  | 1.3  | 0.3 |
|    |            |            |                  | CNT  | 0.3  | 0.5   | 0.7  | 0.8  | 1.4  | 0.2 |
|    |            |            |                  | J    | 0.3  | 0.5   | 0.7  | 0.8  | 4.8  | 0.2 |
|    |            | Min        | I                | -0.3 | -0.4 | -13.6 | -0.1 | -4.6 | -0.2 |     |
|    |            |            | CNT              | -0.3 | -0.4 | -13.6 | -0.1 | -2.1 | -0.1 |     |
|    |            |            | J                | -0.3 | -0.4 | -13.6 | -0.1 | -1.6 | -0.2 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.3   | -0.1 | -0.3 | 0.0  |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.3   | -0.1 | -0.4 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 0.3   | -0.1 | -0.4 | 0.0  |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.1   | -0.1 | 0.3  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.1   | -0.1 | -0.1 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 1.1   | -0.1 | -0.4 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 56 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.8  | 1.4  | 0.3 |
|    |            |            |                  | CNT  | 0.3  | 0.4   | 0.6  | 0.8  | 1.5  | 0.2 |
|    |            |            |                  | J    | 0.3  | 0.4   | 0.6  | 0.8  | 5.1  | 0.2 |
|    |            | Min        | I                | -0.2 | -0.4 | -14.0 | -0.1 | -4.7 | -0.2 |     |
|    |            |            | CNT              | -0.2 | -0.4 | -14.0 | -0.1 | -2.4 | -0.1 |     |
|    |            |            | J                | -0.2 | -0.4 | -14.0 | -0.1 | -1.8 | -0.2 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.3   | -0.1 | -0.3 | 0.0  |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.3   | -0.1 | -0.4 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 0.3   | -0.1 | -0.5 | 0.0  |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.2   | -0.1 | 0.3  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.2   | -0.1 | -0.1 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 1.2   | -0.1 | -0.4 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 57 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.8  | 1.5  | 0.3 |
|    |            |            |                  | CNT  | 0.3  | 0.4   | 0.6  | 0.8  | 1.7  | 0.2 |
|    |            |            |                  | J    | 0.3  | 0.4   | 0.6  | 0.8  | 5.3  | 0.2 |
|    |            | Min        | I                | -0.2 | -0.4 | -14.3 | -0.2 | -4.8 | -0.2 |     |
|    |            |            | CNT              | -0.2 | -0.4 | -14.3 | -0.2 | -2.6 | -0.1 |     |
|    |            |            | J                | -0.2 | -0.4 | -14.3 | -0.2 | -2.0 | -0.2 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.4   | -0.1 | -0.3 | 0.0  |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.4   | -0.1 | -0.4 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 0.4   | -0.1 | -0.5 | 0.0  |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.3   | -0.1 | 0.3  | 0.0  |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.3   | -0.1 | -0.1 | 0.0  |     |
|    |            |            | J                | -0.0 | -0.0 | 1.3   | -0.1 | -0.4 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 58 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.7  | 1.6  | 0.2 |
|    |            |            |                  | CNT  | 0.3  | 0.4   | 0.6  | 0.7  | 1.8  | 0.2 |
|    |            |            |                  | J    | 0.3  | 0.4   | 0.6  | 0.7  | 5.5  | 0.2 |
|    |            | Min        | I                | -0.2 | -0.4 | -14.5 | -0.2 | -4.8 | -0.2 |     |
|    |            |            | CNT              | -0.2 | -0.4 | -14.5 | -0.2 | -2.8 | -0.1 |     |
|    |            |            | J                | -0.2 | -0.4 | -14.5 | -0.2 | -2.1 | -0.2 |     |
|    |            | pp         | I                | -0.0 | 0.0  | 0.4   | -0.1 | -0.3 | 0.0  |     |

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|    |            |                |                  |      |      |       |      |      |      |
|----|------------|----------------|------------------|------|------|-------|------|------|------|
|    |            |                | CNT              | -0.0 | 0.0  | 0.4   | -0.1 | -0.4 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 0.4   | -0.1 | -0.6 | 0.0  |
|    |            | perm           | I                | -0.0 | 0.0  | 1.3   | -0.1 | 0.3  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.3   | -0.1 | -0.1 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 1.3   | -0.1 | -0.5 | 0.0  |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 59 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.6   | 0.7  | 1.7  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.6   | 0.7  | 2.0  | 0.2  |
|    |            |                | J                | 0.3  | 0.4  | 0.6   | 0.7  | 5.7  | 0.2  |
|    |            | Min            | I                | -0.2 | -0.4 | -14.7 | -0.2 | -4.8 | -0.2 |
|    |            |                | CNT              | -0.2 | -0.4 | -14.7 | -0.2 | -3.0 | -0.1 |
|    |            |                | J                | -0.2 | -0.4 | -14.7 | -0.2 | -2.3 | -0.2 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.5   | -0.1 | -0.3 | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 0.5   | -0.1 | -0.5 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 0.5   | -0.1 | -0.6 | 0.0  |
|    |            | perm           | I                | -0.0 | 0.0  | 1.4   | -0.1 | 0.4  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.4   | -0.1 | -0.1 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 1.4   | -0.1 | -0.5 | 0.0  |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 60 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.6   | 0.6  | 1.7  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.6   | 0.6  | 2.1  | 0.2  |
|    |            |                | J                | 0.3  | 0.4  | 0.6   | 0.6  | 5.8  | 0.2  |
|    |            | Min            | I                | -0.2 | -0.4 | -14.8 | -0.2 | -5.1 | -0.2 |
|    |            |                | CNT              | -0.2 | -0.4 | -14.8 | -0.2 | -3.2 | -0.1 |
|    |            |                | J                | -0.2 | -0.4 | -14.8 | -0.2 | -2.4 | -0.2 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.5   | -0.1 | -0.3 | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 0.5   | -0.1 | -0.5 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 0.5   | -0.1 | -0.6 | 0.0  |
|    |            | perm           | I                | -0.0 | 0.0  | 1.4   | -0.1 | 0.4  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.4   | -0.1 | -0.1 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 1.4   | -0.1 | -0.5 | 0.0  |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 61 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.6   | 0.6  | 1.8  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.6   | 0.6  | 2.2  | 0.1  |
|    |            |                | J                | 0.3  | 0.4  | 0.6   | 0.6  | 6.0  | 0.1  |
|    |            | Min            | I                | -0.2 | -0.4 | -14.9 | -0.2 | -5.2 | -0.2 |
|    |            |                | CNT              | -0.2 | -0.4 | -14.9 | -0.2 | -3.3 | -0.1 |
|    |            |                | J                | -0.2 | -0.4 | -14.9 | -0.2 | -2.5 | -0.2 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.5   | -0.1 | -0.3 | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 0.5   | -0.1 | -0.5 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 0.5   | -0.1 | -0.6 | 0.0  |
|    |            | perm           | I                | -0.0 | 0.0  | 1.5   | -0.1 | 0.4  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.5   | -0.1 | -0.1 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 1.5   | -0.1 | -0.5 | -0.0 |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 62 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.6   | 0.6  | 1.8  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.6   | 0.6  | 2.3  | 0.1  |
|    |            |                | J                | 0.3  | 0.4  | 0.6   | 0.6  | 6.1  | 0.1  |
|    |            | Min            | I                | -0.2 | -0.4 | -15.0 | -0.2 | -5.2 | -0.2 |
|    |            |                | CNT              | -0.2 | -0.4 | -15.0 | -0.2 | -3.5 | -0.1 |
|    |            |                | J                | -0.2 | -0.4 | -15.0 | -0.2 | -2.7 | -0.1 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.6   | -0.1 | -0.3 | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 0.6   | -0.1 | -0.5 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 0.6   | -0.1 | -0.7 | 0.0  |
|    |            | perm           | I                | -0.0 | 0.0  | 1.5   | -0.1 | 0.4  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.5   | -0.1 | -0.1 | 0.0  |
|    |            |                | J                | -0.0 | 0.0  | 1.5   | -0.1 | -0.5 | -0.0 |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 63 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.6   | 0.5  | 1.9  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.6   | 0.5  | 2.4  | 0.1  |
|    |            |                | J                | 0.3  | 0.4  | 0.6   | 0.5  | 6.2  | 0.1  |

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|    |   |            |            |                  |      |      |       |      |      |      |
|----|---|------------|------------|------------------|------|------|-------|------|------|------|
|    |   |            | Min        | I                | -0.2 | -0.4 | -15.1 | -0.2 | -5.3 | -0.2 |
|    |   |            |            | CNT              | -0.2 | -0.4 | -15.1 | -0.2 | -3.6 | -0.1 |
|    |   |            |            | J                | -0.2 | -0.4 | -15.1 | -0.2 | -2.8 | -0.1 |
|    |   | pp         |            | I                | -0.0 | 0.0  | 0.6   | -0.0 | -0.3 | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 0.6   | -0.0 | -0.5 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 0.6   | -0.0 | -0.7 | 0.0  |
|    |   | perm       |            | I                | -0.0 | 0.0  | 1.5   | -0.1 | 0.4  | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 1.5   | -0.1 | -0.1 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 1.5   | -0.1 | -0.5 | -0.0 |
|    |   | acc        |            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 64 | 2 | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.6   | 0.5  | 1.9  | 0.2  |
|    |   |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.5  | 2.4  | 0.1  |
|    |   |            |            | J                | 0.3  | 0.4  | 0.6   | 0.5  | 6.3  | 0.1  |
|    |   |            | Min        | I                | -0.2 | -0.4 | -15.1 | -0.2 | -5.3 | -0.2 |
|    |   |            |            | CNT              | -0.2 | -0.4 | -15.1 | -0.2 | -3.7 | -0.1 |
|    |   |            |            | J                | -0.2 | -0.4 | -15.1 | -0.2 | -2.8 | -0.1 |
|    |   | pp         |            | I                | -0.0 | 0.0  | 0.6   | -0.0 | -0.4 | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 0.6   | -0.0 | -0.5 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 0.6   | -0.0 | -0.7 | 0.0  |
|    |   | perm       |            | I                | -0.0 | 0.0  | 1.5   | -0.1 | 0.4  | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 1.5   | -0.1 | -0.1 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 1.5   | -0.1 | -0.5 | -0.0 |
|    |   | acc        |            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 65 | 2 | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.6   | 0.4  | 1.9  | 0.2  |
|    |   |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.4  | 2.5  | 0.1  |
|    |   |            |            | J                | 0.3  | 0.4  | 0.6   | 0.4  | 6.4  | 0.1  |
|    |   |            | Min        | I                | -0.2 | -0.4 | -15.1 | -0.2 | -5.4 | -0.2 |
|    |   |            |            | CNT              | -0.2 | -0.4 | -15.1 | -0.2 | -3.8 | -0.1 |
|    |   |            |            | J                | -0.2 | -0.4 | -15.1 | -0.2 | -2.9 | -0.1 |
|    |   | pp         |            | I                | -0.0 | 0.0  | 0.6   | -0.0 | -0.4 | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 0.6   | -0.0 | -0.5 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 0.6   | -0.0 | -0.7 | 0.0  |
|    |   | perm       |            | I                | -0.0 | 0.0  | 1.6   | -0.1 | 0.4  | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 1.6   | -0.1 | -0.1 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 1.6   | -0.1 | -0.5 | -0.0 |
|    |   | acc        |            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 66 | 2 | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.6   | 0.4  | 1.9  | 0.2  |
|    |   |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.4  | 2.6  | 0.1  |
|    |   |            |            | J                | 0.3  | 0.4  | 0.6   | 0.4  | 6.4  | 0.1  |
|    |   |            | Min        | I                | -0.2 | -0.4 | -15.2 | -0.2 | -5.5 | -0.2 |
|    |   |            |            | CNT              | -0.2 | -0.4 | -15.2 | -0.2 | -3.9 | -0.1 |
|    |   |            |            | J                | -0.2 | -0.4 | -15.2 | -0.2 | -3.0 | -0.1 |
|    |   | pp         |            | I                | -0.0 | 0.0  | 0.6   | -0.0 | -0.4 | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 0.6   | -0.0 | -0.5 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 0.6   | -0.0 | -0.7 | 0.0  |
|    |   | perm       |            | I                | -0.0 | 0.0  | 1.6   | -0.0 | 0.4  | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 1.6   | -0.0 | -0.1 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 1.6   | -0.0 | -0.5 | -0.0 |
|    |   | acc        |            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 67 | 2 | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.5   | 0.4  | 1.9  | 0.2  |
|    |   |            |            | CNT              | 0.3  | 0.4  | 0.5   | 0.4  | 2.6  | 0.1  |
|    |   |            |            | J                | 0.3  | 0.4  | 0.5   | 0.4  | 6.5  | 0.1  |
|    |   |            | Min        | I                | -0.2 | -0.4 | -15.2 | -0.2 | -5.5 | -0.2 |
|    |   |            |            | CNT              | -0.2 | -0.4 | -15.2 | -0.2 | -3.9 | -0.1 |
|    |   |            |            | J                | -0.2 | -0.4 | -15.2 | -0.2 | -3.0 | -0.1 |
|    |   | pp         |            | I                | -0.0 | 0.0  | 0.6   | -0.0 | -0.4 | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 0.6   | -0.0 | -0.5 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 0.6   | -0.0 | -0.7 | 0.0  |
|    |   | perm       |            | I                | -0.0 | 0.0  | 1.6   | -0.0 | 0.4  | 0.0  |
|    |   |            |            | CNT              | -0.0 | 0.0  | 1.6   | -0.0 | -0.1 | 0.0  |
|    |   |            |            | J                | -0.0 | 0.0  | 1.6   | -0.0 | -0.5 | -0.0 |
|    |   | acc        |            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |

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|            |      |            |                  |      |            |                  |       |      |      |      |      |     |     |
|------------|------|------------|------------------|------|------------|------------------|-------|------|------|------|------|-----|-----|
| Length = 2 |      | Type: Beam | Section: soletta |      |            |                  |       |      |      |      |      |     |     |
| 68         | 2    | 3 c mobili | Max              | I    | 0.3        | 0.4              | 0.5   | 0.3  | 1.8  | 0.2  |      |     |     |
|            |      |            |                  | CNT  | 0.3        | 0.4              | 0.5   | 0.3  | 2.6  | 0.1  |      |     |     |
|            |      |            |                  | J    | 0.3        | 0.4              | 0.5   | 0.3  | 6.5  | 0.1  |      |     |     |
|            |      |            | Min              | I    | -0.2       | -0.4             | -15.2 | -0.3 | -5.5 | -0.2 |      |     |     |
|            |      |            |                  | CNT  | -0.2       | -0.4             | -15.2 | -0.3 | -3.9 | -0.1 |      |     |     |
|            |      |            |                  | J    | -0.2       | -0.4             | -15.2 | -0.3 | -3.1 | -0.1 |      |     |     |
|            |      |            |                  | PP   | I          | -0.0             | 0.0   | 0.6  | -0.0 | -0.4 | 0.0  |     |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.6  | -0.0 | -0.5 | 0.0  |     |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.6  | -0.0 | -0.7 | 0.0  |     |     |
|            |      |            |                  | perm | I          | -0.0             | 0.0   | 1.6  | -0.0 | 0.4  | 0.0  |     |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 1.6  | -0.0 | -0.1 | 0.0  |     |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 1.6  | -0.0 | -0.6 | -0.0 |     |     |
|            |      |            |                  | acc  | I          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | CNT        | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | J          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |       |      |      |      |      |     |     |
|            |      |            | 69               | 2    | 3 c mobili | Max              | I     | 0.3  | 0.4  | 0.5  | 0.3  | 1.8 | 0.2 |
|            |      |            |                  |      |            |                  | CNT   | 0.3  | 0.4  | 0.5  | 0.3  | 2.6 | 0.1 |
|            | J    | 0.3        |                  |      |            | 0.4              | 0.5   | 0.3  | 6.5  | 0.1  |      |     |     |
| Min        | I    | -0.2       |                  |      |            | -0.4             | -15.2 | -0.3 | -5.6 | -0.2 |      |     |     |
|            | CNT  | -0.2       |                  |      |            | -0.4             | -15.2 | -0.3 | -4.0 | -0.1 |      |     |     |
|            | J    | -0.2       |                  |      |            | -0.4             | -15.2 | -0.3 | -3.1 | -0.1 |      |     |     |
|            | PP   | I          |                  |      |            | -0.0             | 0.0   | 0.6  | -0.0 | -0.4 | 0.0  |     |     |
|            |      | CNT        |                  |      |            | -0.0             | 0.0   | 0.6  | -0.0 | -0.6 | 0.0  |     |     |
|            |      | J          |                  |      |            | -0.0             | 0.0   | 0.6  | -0.0 | -0.7 | 0.0  |     |     |
|            | perm | I          |                  |      |            | -0.0             | 0.0   | 1.6  | -0.0 | 0.4  | 0.0  |     |     |
|            |      | CNT        |                  |      |            | -0.0             | 0.0   | 1.6  | -0.0 | -0.1 | 0.0  |     |     |
|            |      | J          |                  |      |            | -0.0             | 0.0   | 1.6  | -0.0 | -0.6 | -0.0 |     |     |
|            | acc  | I          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | CNT        |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | J          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |       |      |      |      |      |     |     |
| 70         | 2    | 3 c mobili |                  |      |            | Max              | I     | 0.3  | 0.4  | 0.5  | 0.3  | 1.7 | 0.2 |
|            |      |            |                  |      |            |                  | CNT   | 0.3  | 0.4  | 0.5  | 0.3  | 2.6 | 0.1 |
|            |      |            |                  | J    | 0.3        | 0.4              | 0.5   | 0.3  | 6.5  | 0.1  |      |     |     |
|            |      |            | Min              | I    | -0.2       | -0.4             | -15.2 | -0.3 | -5.6 | -0.2 |      |     |     |
|            |      |            |                  | CNT  | -0.2       | -0.4             | -15.2 | -0.3 | -4.0 | -0.1 |      |     |     |
|            |      |            |                  | J    | -0.2       | -0.4             | -15.2 | -0.3 | -3.1 | -0.1 |      |     |     |
|            |      |            |                  | PP   | I          | -0.0             | 0.0   | 0.6  | 0.0  | -0.4 | 0.0  |     |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.6  | 0.0  | -0.6 | 0.0  |     |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.6  | 0.0  | -0.7 | 0.0  |     |     |
|            |      |            |                  | perm | I          | -0.0             | 0.0   | 1.6  | 0.0  | 0.4  | 0.0  |     |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 1.6  | 0.0  | -0.1 | 0.0  |     |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 1.6  | 0.0  | -0.6 | 0.0  |     |     |
|            |      |            |                  | acc  | I          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | CNT        | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | J          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |       |      |      |      |      |     |     |
|            |      |            | 71               | 2    | 3 c mobili | Max              | I     | 0.3  | 0.4  | 0.5  | 0.3  | 1.8 | 0.2 |
|            |      |            |                  |      |            |                  | CNT   | 0.3  | 0.4  | 0.5  | 0.3  | 2.6 | 0.1 |
|            | J    | 0.3        |                  |      |            | 0.4              | 0.5   | 0.3  | 6.5  | 0.1  |      |     |     |
| Min        | I    | -0.2       |                  |      |            | -0.4             | -15.2 | -0.3 | -5.6 | -0.2 |      |     |     |
|            | CNT  | -0.2       |                  |      |            | -0.4             | -15.2 | -0.3 | -4.0 | -0.1 |      |     |     |
|            | J    | -0.2       |                  |      |            | -0.4             | -15.2 | -0.3 | -3.1 | -0.1 |      |     |     |
|            | PP   | I          |                  |      |            | -0.0             | -0.0  | 0.6  | 0.0  | -0.4 | -0.0 |     |     |
|            |      | CNT        |                  |      |            | -0.0             | -0.0  | 0.6  | 0.0  | -0.6 | -0.0 |     |     |
|            |      | J          |                  |      |            | -0.0             | -0.0  | 0.6  | 0.0  | -0.7 | -0.0 |     |     |
|            | perm | I          |                  |      |            | -0.0             | -0.0  | 1.6  | 0.0  | 0.4  | -0.0 |     |     |
|            |      | CNT        |                  |      |            | -0.0             | -0.0  | 1.6  | 0.0  | -0.1 | -0.0 |     |     |
|            |      | J          |                  |      |            | -0.0             | -0.0  | 1.6  | 0.0  | -0.6 | 0.0  |     |     |
|            | acc  | I          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | CNT        |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | J          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |       |      |      |      |      |     |     |
| 72         | 2    | 3 c mobili |                  |      |            | Max              | I     | 0.3  | 0.4  | 0.5  | 0.3  | 1.8 | 0.2 |
|            |      |            |                  |      |            |                  | CNT   | 0.3  | 0.4  | 0.5  | 0.3  | 2.6 | 0.1 |
|            |      |            |                  | J    | 0.3        | 0.4              | 0.5   | 0.3  | 6.5  | 0.1  |      |     |     |
|            |      |            | Min              | I    | -0.2       | -0.4             | -15.2 | -0.3 | -5.5 | -0.2 |      |     |     |
|            |      |            |                  | CNT  | -0.2       | -0.4             | -15.2 | -0.3 | -3.9 | -0.1 |      |     |     |
|            |      |            |                  | J    | -0.2       | -0.4             | -15.2 | -0.3 | -3.1 | -0.1 |      |     |     |
|            |      |            |                  | PP   | I          | -0.0             | -0.0  | 0.6  | 0.0  | -0.4 | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0  | 0.6  | 0.0  | -0.5 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0  | 0.6  | 0.0  | -0.7 | -0.0 |     |     |
|            |      |            |                  | perm | I          | -0.0             | -0.0  | 1.6  | 0.0  | 0.4  | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0  | 1.6  | 0.0  | -0.1 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0  | 1.6  | 0.0  | -0.6 | 0.0  |     |     |

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|    |            |            |            |                  |      |      |       |      |      |      |     |
|----|------------|------------|------------|------------------|------|------|-------|------|------|------|-----|
|    |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 73 | 2          | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.5   | 0.2  | 1.9  | 0.2  |     |
|    |            |            |            | CNT              | 0.3  | 0.4  | 0.5   | 0.2  | 2.6  | 0.1  |     |
|    |            |            |            | J                | 0.3  | 0.4  | 0.5   | 0.2  | 6.5  | 0.1  |     |
|    |            |            | Min        | I                | -0.2 | -0.4 | -15.2 | -0.4 | -5.5 | -0.2 |     |
|    |            |            |            | CNT              | -0.2 | -0.4 | -15.2 | -0.4 | -3.9 | -0.1 |     |
|    |            |            |            | J                | -0.2 | -0.4 | -15.2 | -0.4 | -3.0 | -0.1 |     |
|    |            |            | PP         | I                | -0.0 | -0.0 | 0.6   | 0.0  | -0.4 | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 0.6   | 0.0  | -0.5 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 0.6   | 0.0  | -0.7 | -0.0 |     |
|    |            |            | perm       | I                | -0.0 | -0.0 | 1.6   | 0.0  | 0.4  | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 1.6   | 0.0  | -0.1 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 1.6   | 0.0  | -0.5 | 0.0  |     |
|    |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 74 | 2          | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.6   | 0.2  | 1.9  | 0.2  |     |
|    |            |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 2.6  | 0.1  |     |
|    |            |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 6.4  | 0.1  |     |
|    |            |            | Min        | I                | -0.2 | -0.4 | -15.2 | -0.4 | -5.5 | -0.2 |     |
|    |            |            |            | CNT              | -0.2 | -0.4 | -15.2 | -0.4 | -3.9 | -0.1 |     |
|    |            |            |            | J                | -0.2 | -0.4 | -15.2 | -0.4 | -3.0 | -0.1 |     |
|    |            |            | PP         | I                | -0.0 | -0.0 | 0.6   | 0.0  | -0.4 | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 0.6   | 0.0  | -0.5 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 0.6   | 0.0  | -0.7 | -0.0 |     |
|    |            |            | perm       | I                | -0.0 | -0.0 | 1.6   | 0.0  | 0.4  | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 1.6   | 0.0  | -0.1 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 1.6   | 0.0  | -0.5 | 0.0  |     |
|    |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 75 | 2          | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.6   | 0.2  | 1.9  | 0.2  |     |
|    |            |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 2.5  | 0.1  |     |
|    |            |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 6.4  | 0.1  |     |
|    |            |            | Min        | I                | -0.2 | -0.4 | -15.1 | -0.4 | -5.4 | -0.2 |     |
|    |            |            |            | CNT              | -0.2 | -0.4 | -15.1 | -0.4 | -3.8 | -0.1 |     |
|    |            |            |            | J                | -0.2 | -0.4 | -15.1 | -0.4 | -2.9 | -0.1 |     |
|    |            |            | PP         | I                | -0.0 | -0.0 | 0.6   | 0.0  | -0.4 | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 0.6   | 0.0  | -0.5 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 0.6   | 0.0  | -0.7 | -0.0 |     |
|    |            |            | perm       | I                | -0.0 | -0.0 | 1.6   | 0.1  | 0.4  | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 1.6   | 0.1  | -0.1 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 1.6   | 0.1  | -0.5 | 0.0  |     |
|    |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 76 | 2          | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.6   | 0.2  | 1.9  | 0.2  |     |
|    |            |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 2.4  | 0.1  |     |
|    |            |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 6.3  | 0.1  |     |
|    |            |            | Min        | I                | -0.2 | -0.4 | -15.1 | -0.5 | -5.3 | -0.2 |     |
|    |            |            |            | CNT              | -0.2 | -0.4 | -15.1 | -0.5 | -3.7 | -0.1 |     |
|    |            |            |            | J                | -0.2 | -0.4 | -15.1 | -0.5 | -2.8 | -0.1 |     |
|    |            |            | PP         | I                | -0.0 | -0.0 | 0.6   | 0.0  | -0.4 | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 0.6   | 0.0  | -0.5 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 0.6   | 0.0  | -0.7 | -0.0 |     |
|    |            |            | perm       | I                | -0.0 | -0.0 | 1.5   | 0.1  | 0.4  | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 1.5   | 0.1  | -0.1 | -0.0 |     |
|    |            |            |            | J                | -0.0 | -0.0 | 1.5   | 0.1  | -0.5 | 0.0  |     |
|    |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 77 | 2          | 3 c mobili | Max        | I                | 0.3  | 0.4  | 0.6   | 0.2  | 1.9  | 0.2  |     |
|    |            |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 2.4  | 0.1  |     |
|    |            |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 6.2  | 0.1  |     |
|    |            |            | Min        | I                | -0.2 | -0.4 | -15.1 | -0.5 | -5.3 | -0.2 |     |
|    |            |            |            | CNT              | -0.2 | -0.4 | -15.1 | -0.5 | -3.6 | -0.1 |     |
|    |            |            |            | J                | -0.2 | -0.4 | -15.1 | -0.5 | -2.8 | -0.1 |     |
|    |            |            | PP         | I                | -0.0 | -0.0 | 0.6   | 0.0  | -0.3 | -0.0 |     |
|    |            |            |            | CNT              | -0.0 | -0.0 | 0.6   | 0.0  | -0.5 | -0.0 |     |

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|    |            |            |                  |      |      |       |      |      |      |     |
|----|------------|------------|------------------|------|------|-------|------|------|------|-----|
|    |            |            | J                | -0.0 | -0.0 | 0.6   | 0.0  | -0.7 | -0.0 |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.5   | 0.1  | 0.4  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.5   | 0.1  | -0.1 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 1.5   | 0.1  | -0.5 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 78 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.2  | 1.8  | 0.2 |
|    |            |            |                  | CNT  | 0.3  | 0.4   | 0.6  | 0.2  | 2.3  | 0.1 |
|    |            |            |                  | J    | 0.3  | 0.4   | 0.6  | 0.2  | 6.1  | 0.1 |
|    |            | Min        | I                | -0.2 | -0.4 | -15.0 | -0.6 | -5.2 | -0.2 |     |
|    |            |            | CNT              | -0.2 | -0.4 | -15.0 | -0.6 | -3.5 | -0.1 |     |
|    |            |            | J                | -0.2 | -0.4 | -15.0 | -0.6 | -2.7 | -0.1 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.6   | 0.1  | -0.3 | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.6   | 0.1  | -0.5 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 0.6   | 0.1  | -0.7 | -0.0 |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.5   | 0.1  | 0.4  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.5   | 0.1  | -0.1 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 1.5   | 0.1  | -0.5 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 79 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.2  | 1.8  | 0.2 |
|    |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 2.2  | 0.1  |     |
|    |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 6.0  | 0.2  |     |
|    |            | Min        | I                | -0.2 | -0.4 | -14.9 | -0.6 | -5.2 | -0.2 |     |
|    |            |            | CNT              | -0.2 | -0.4 | -14.9 | -0.6 | -3.3 | -0.1 |     |
|    |            |            | J                | -0.2 | -0.4 | -14.9 | -0.6 | -2.5 | -0.1 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.5   | 0.1  | -0.3 | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.5   | 0.1  | -0.5 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 0.5   | 0.1  | -0.6 | -0.0 |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.5   | 0.1  | 0.4  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.5   | 0.1  | -0.1 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 1.5   | 0.1  | -0.5 | 0.0  |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 80 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.2  | 1.7  | 0.2 |
|    |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 2.1  | 0.1  |     |
|    |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 5.8  | 0.2  |     |
|    |            | Min        | I                | -0.2 | -0.4 | -14.8 | -0.6 | -5.1 | -0.2 |     |
|    |            |            | CNT              | -0.2 | -0.4 | -14.8 | -0.6 | -3.2 | -0.2 |     |
|    |            |            | J                | -0.2 | -0.4 | -14.8 | -0.6 | -2.4 | -0.2 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.5   | 0.1  | -0.3 | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.5   | 0.1  | -0.5 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 0.5   | 0.1  | -0.6 | -0.0 |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.4   | 0.1  | 0.4  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.4   | 0.1  | -0.1 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 1.4   | 0.1  | -0.5 | -0.0 |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 81 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.2  | 1.7  | 0.2 |
|    |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 2.0  | 0.1  |     |
|    |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 5.7  | 0.2  |     |
|    |            | Min        | I                | -0.2 | -0.4 | -14.7 | -0.7 | -4.8 | -0.2 |     |
|    |            |            | CNT              | -0.2 | -0.4 | -14.7 | -0.7 | -3.0 | -0.2 |     |
|    |            |            | J                | -0.2 | -0.4 | -14.7 | -0.7 | -2.3 | -0.2 |     |
|    |            | pp         | I                | -0.0 | -0.0 | 0.5   | 0.1  | -0.3 | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 0.5   | 0.1  | -0.5 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 0.5   | 0.1  | -0.6 | -0.0 |     |
|    |            | perm       | I                | -0.0 | -0.0 | 1.4   | 0.1  | 0.4  | -0.0 |     |
|    |            |            | CNT              | -0.0 | -0.0 | 1.4   | 0.1  | -0.1 | -0.0 |     |
|    |            |            | J                | -0.0 | -0.0 | 1.4   | 0.1  | -0.5 | -0.0 |     |
|    |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|    | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 82 | 2          | 3 c mobili | Max              | I    | 0.3  | 0.4   | 0.6  | 0.2  | 1.6  | 0.2 |
|    |            |            | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 1.8  | 0.1  |     |
|    |            |            | J                | 0.3  | 0.4  | 0.6   | 0.2  | 5.5  | 0.2  |     |
|    |            | Min        | I                | -0.2 | -0.4 | -14.5 | -0.7 | -4.8 | -0.2 |     |

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|    |            |                |                  |      |      |       |      |      |      |
|----|------------|----------------|------------------|------|------|-------|------|------|------|
|    |            |                | CNT              | -0.2 | -0.4 | -14.5 | -0.7 | -2.8 | -0.2 |
|    |            |                | J                | -0.2 | -0.4 | -14.5 | -0.7 | -2.1 | -0.2 |
|    |            | pp             | I                | -0.0 | -0.0 | 0.4   | 0.1  | -0.3 | -0.0 |
|    |            |                | CNT              | -0.0 | -0.0 | 0.4   | 0.1  | -0.4 | -0.0 |
|    |            |                | J                | -0.0 | -0.0 | 0.4   | 0.1  | -0.6 | -0.0 |
|    |            | perm           | I                | -0.0 | -0.0 | 1.3   | 0.1  | 0.3  | -0.0 |
|    |            |                | CNT              | -0.0 | -0.0 | 1.3   | 0.1  | -0.1 | -0.0 |
|    |            |                | J                | -0.0 | -0.0 | 1.3   | 0.1  | -0.5 | -0.0 |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 83 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.6   | 0.2  | 1.5  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.6   | 0.2  | 1.7  | 0.1  |
|    |            |                | J                | 0.3  | 0.4  | 0.6   | 0.2  | 5.3  | 0.2  |
|    |            | Min            | I                | -0.2 | -0.4 | -14.3 | -0.8 | -4.8 | -0.3 |
|    |            |                | CNT              | -0.2 | -0.4 | -14.3 | -0.8 | -2.6 | -0.2 |
|    |            |                | J                | -0.2 | -0.4 | -14.3 | -0.8 | -2.0 | -0.2 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.4   | 0.1  | -0.3 | -0.0 |
|    |            |                | CNT              | -0.0 | 0.0  | 0.4   | 0.1  | -0.4 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 0.4   | 0.1  | -0.5 | -0.0 |
|    |            | perm           | I                | -0.0 | 0.0  | 1.3   | 0.1  | 0.3  | -0.0 |
|    |            |                | CNT              | -0.0 | 0.0  | 1.3   | 0.1  | -0.1 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 1.3   | 0.1  | -0.4 | -0.0 |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 84 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.6   | 0.1  | 1.4  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.6   | 0.1  | 1.5  | 0.1  |
|    |            |                | J                | 0.3  | 0.4  | 0.6   | 0.1  | 5.1  | 0.2  |
|    |            | Min            | I                | -0.2 | -0.4 | -14.0 | -0.8 | -4.7 | -0.3 |
|    |            |                | CNT              | -0.2 | -0.4 | -14.0 | -0.8 | -2.4 | -0.2 |
|    |            |                | J                | -0.2 | -0.4 | -14.0 | -0.8 | -1.8 | -0.2 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.3   | 0.1  | -0.3 | -0.0 |
|    |            |                | CNT              | -0.0 | 0.0  | 0.3   | 0.1  | -0.4 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 0.3   | 0.1  | -0.5 | -0.0 |
|    |            | perm           | I                | -0.0 | 0.0  | 1.2   | 0.1  | 0.3  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.2   | 0.1  | -0.1 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 1.2   | 0.1  | -0.4 | -0.0 |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 85 | 2          | 3 c mobili Max | I                | 0.3  | 0.4  | 0.7   | 0.1  | 1.3  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.4  | 0.7   | 0.1  | 1.4  | 0.1  |
|    |            |                | J                | 0.3  | 0.4  | 0.7   | 0.1  | 4.8  | 0.2  |
|    |            | Min            | I                | -0.3 | -0.5 | -13.6 | -0.8 | -4.6 | -0.3 |
|    |            |                | CNT              | -0.3 | -0.5 | -13.6 | -0.8 | -2.1 | -0.2 |
|    |            |                | J                | -0.3 | -0.5 | -13.6 | -0.8 | -1.6 | -0.2 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.3   | 0.1  | -0.3 | -0.0 |
|    |            |                | CNT              | -0.0 | 0.0  | 0.3   | 0.1  | -0.4 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 0.3   | 0.1  | -0.4 | -0.0 |
|    |            | perm           | I                | -0.0 | 0.0  | 1.1   | 0.1  | 0.3  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.1   | 0.1  | -0.1 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 1.1   | 0.1  | -0.4 | -0.0 |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 86 | 2          | 3 c mobili Max | I                | 0.3  | 0.3  | 0.7   | 0.1  | 1.3  | 0.2  |
|    |            |                | CNT              | 0.3  | 0.3  | 0.7   | 0.1  | 1.2  | 0.1  |
|    |            |                | J                | 0.3  | 0.3  | 0.7   | 0.1  | 4.5  | 0.2  |
|    |            | Min            | I                | -0.3 | -0.5 | -13.1 | -0.9 | -4.4 | -0.3 |
|    |            |                | CNT              | -0.3 | -0.5 | -13.1 | -0.9 | -1.8 | -0.2 |
|    |            |                | J                | -0.3 | -0.5 | -13.1 | -0.9 | -1.4 | -0.2 |
|    |            | pp             | I                | -0.0 | 0.0  | 0.2   | 0.1  | -0.3 | -0.0 |
|    |            |                | CNT              | -0.0 | 0.0  | 0.2   | 0.1  | -0.3 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 0.2   | 0.1  | -0.4 | -0.0 |
|    |            | perm           | I                | -0.0 | 0.0  | 1.0   | 0.1  | 0.2  | 0.0  |
|    |            |                | CNT              | -0.0 | 0.0  | 1.0   | 0.1  | -0.1 | -0.0 |
|    |            |                | J                | -0.0 | 0.0  | 1.0   | 0.1  | -0.3 | -0.0 |
|    |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|    | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |

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|    |      |            |      |     |      |      |       |      |      |      |
|----|------|------------|------|-----|------|------|-------|------|------|------|
| 87 | 2    | 3 c mobili | Max  | I   | 0.3  | 0.3  | 0.9   | 0.1  | 1.2  | 0.2  |
|    |      |            |      | CNT | 0.3  | 0.3  | 0.9   | 0.1  | 1.1  | 0.1  |
|    |      |            |      | J   | 0.3  | 0.3  | 0.9   | 0.1  | 4.1  | 0.2  |
|    |      |            | Min  | I   | -0.3 | -0.5 | -12.4 | -0.9 | -4.2 | -0.3 |
|    |      |            |      | CNT | -0.3 | -0.5 | -12.4 | -0.9 | -1.6 | -0.2 |
|    |      |            |      | J   | -0.3 | -0.5 | -12.4 | -0.9 | -1.2 | -0.2 |
|    | PP   | I          | -0.0 | 0.0 | 0.0  | 0.1  | -0.3  | -0.0 |      |      |
|    |      | CNT        | -0.0 | 0.0 | 0.0  | 0.1  | -0.3  | -0.0 |      |      |
|    |      | J          | -0.0 | 0.0 | 0.0  | 0.1  | -0.3  | -0.0 |      |      |
|    | perm | I          | 0.0  | 0.0 | 0.8  | 0.2  | 0.2   | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.0 | 0.8  | 0.2  | -0.1  | -0.0 |      |      |
|    |      | J          | 0.0  | 0.0 | 0.8  | 0.2  | -0.3  | -0.0 |      |      |
|    | acc  | I          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0   | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.0 | 0.0  | 0.0  | 0.0   | 0.0  |      |      |
|    |      | J          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0   | 0.0  |      |      |

Length = 2      Type: Beam      Section: soletta

|    |      |            |      |     |      |      |       |      |      |      |
|----|------|------------|------|-----|------|------|-------|------|------|------|
| 88 | 2    | 3 c mobili | Max  | I   | 0.2  | 0.2  | 1.1   | 0.1  | 1.1  | 0.1  |
|    |      |            |      | CNT | 0.2  | 0.2  | 1.1   | 0.1  | 0.9  | 0.1  |
|    |      |            |      | J   | 0.2  | 0.2  | 1.1   | 0.1  | 3.6  | 0.2  |
|    |      |            | Min  | I   | -0.3 | -0.5 | -11.3 | -0.9 | -3.8 | -0.3 |
|    |      |            |      | CNT | -0.3 | -0.5 | -11.3 | -0.9 | -1.3 | -0.2 |
|    |      |            |      | J   | -0.3 | -0.5 | -11.3 | -0.9 | -1.0 | -0.2 |
|    | PP   | I          | -0.0 | 0.0 | -0.1 | 0.1  | -0.3  | -0.0 |      |      |
|    |      | CNT        | -0.0 | 0.0 | -0.1 | 0.1  | -0.3  | -0.0 |      |      |
|    |      | J          | -0.0 | 0.0 | -0.1 | 0.1  | -0.2  | -0.0 |      |      |
|    | perm | I          | 0.0  | 0.0 | 0.6  | 0.2  | 0.1   | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.0 | 0.6  | 0.2  | -0.1  | -0.0 |      |      |
|    |      | J          | 0.0  | 0.0 | 0.6  | 0.2  | -0.2  | -0.0 |      |      |
|    | acc  | I          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0   | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.0 | 0.0  | 0.0  | 0.0   | 0.0  |      |      |
|    |      | J          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0   | 0.0  |      |      |

Length = 2      Type: Beam      Section: soletta

|    |      |            |      |     |      |      |      |      |      |      |
|----|------|------------|------|-----|------|------|------|------|------|------|
| 89 | 2    | 3 c mobili | Max  | I   | 0.2  | 0.1  | 1.8  | 0.2  | 1.1  | 0.1  |
|    |      |            |      | CNT | 0.2  | 0.1  | 1.8  | 0.2  | 0.7  | 0.1  |
|    |      |            |      | J   | 0.2  | 0.1  | 1.8  | 0.2  | 3.1  | 0.2  |
|    |      |            | Min  | I   | -0.3 | -0.6 | -9.8 | -0.9 | -3.3 | -0.3 |
|    |      |            |      | CNT | -0.3 | -0.6 | -9.8 | -0.9 | -1.0 | -0.2 |
|    |      |            |      | J   | -0.3 | -0.6 | -9.8 | -0.9 | -0.9 | -0.2 |
|    | PP   | I          | -0.0 | 0.0 | -0.4 | 0.1  | -0.4 | -0.0 |      |      |
|    |      | CNT        | -0.0 | 0.0 | -0.4 | 0.1  | -0.2 | -0.0 |      |      |
|    |      | J          | -0.0 | 0.0 | -0.4 | 0.1  | -0.1 | -0.0 |      |      |
|    | perm | I          | 0.0  | 0.1 | 0.2  | 0.2  | 0.0  | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.1 | 0.2  | 0.2  | -0.0 | -0.0 |      |      |
|    |      | J          | 0.0  | 0.1 | 0.2  | 0.2  | -0.1 | -0.0 |      |      |
|    | acc  | I          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |      |      |
|    |      | J          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |      |      |

Length = 2      Type: Beam      Section: soletta

|    |      |            |      |     |      |      |      |      |      |      |
|----|------|------------|------|-----|------|------|------|------|------|------|
| 90 | 2    | 3 c mobili | Max  | I   | 0.2  | 0.1  | 3.1  | 0.2  | 1.3  | 0.1  |
|    |      |            |      | CNT | 0.2  | 0.1  | 3.1  | 0.2  | 0.5  | 0.1  |
|    |      |            |      | J   | 0.2  | 0.1  | 3.1  | 0.2  | 2.3  | 0.2  |
|    |      |            | Min  | I   | -0.2 | -0.6 | -7.7 | -0.9 | -2.6 | -0.3 |
|    |      |            |      | CNT | -0.2 | -0.6 | -7.7 | -0.9 | -0.7 | -0.2 |
|    |      |            |      | J   | -0.2 | -0.6 | -7.7 | -0.9 | -0.9 | -0.2 |
|    | PP   | I          | -0.0 | 0.0 | -0.8 | 0.1  | -0.4 | -0.0 |      |      |
|    |      | CNT        | -0.0 | 0.0 | -0.8 | 0.1  | -0.2 | -0.0 |      |      |
|    |      | J          | -0.0 | 0.0 | -0.8 | 0.1  | 0.0  | -0.0 |      |      |
|    | perm | I          | 0.0  | 0.1 | -0.2 | 0.2  | -0.1 | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.1 | -0.2 | 0.2  | -0.0 | -0.0 |      |      |
|    |      | J          | 0.0  | 0.1 | -0.2 | 0.2  | 0.0  | -0.0 |      |      |
|    | acc  | I          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |      |      |
|    |      | J          | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  |      |      |

Length = 2      Type: Beam      Section: soletta

|    |      |            |      |     |      |      |      |      |      |      |
|----|------|------------|------|-----|------|------|------|------|------|------|
| 91 | 2    | 3 c mobili | Max  | I   | 0.2  | 0.1  | 5.7  | 0.2  | 1.9  | 0.2  |
|    |      |            |      | CNT | 0.2  | 0.1  | 5.7  | 0.2  | 0.3  | 0.2  |
|    |      |            |      | J   | 0.2  | 0.1  | 5.7  | 0.2  | 1.4  | 0.2  |
|    |      |            | Min  | I   | -0.2 | -0.5 | -4.8 | -0.9 | -1.6 | -0.3 |
|    |      |            |      | CNT | -0.2 | -0.5 | -4.8 | -0.9 | -0.4 | -0.2 |
|    |      |            |      | J   | -0.2 | -0.5 | -4.8 | -0.9 | -1.5 | -0.2 |
|    | PP   | I          | -0.0 | 0.0 | -1.3 | 0.1  | -0.5 | -0.0 |      |      |
|    |      | CNT        | -0.0 | 0.0 | -1.3 | 0.1  | -0.1 | -0.0 |      |      |
|    |      | J          | -0.0 | 0.0 | -1.3 | 0.1  | 0.2  | -0.0 |      |      |
|    | perm | I          | 0.0  | 0.0 | -0.9 | 0.2  | -0.3 | 0.0  |      |      |
|    |      | CNT        | 0.0  | 0.0 | -0.9 | 0.2  | -0.0 | -0.0 |      |      |
|    |      | J          | 0.0  | 0.0 | -0.9 | 0.2  | 0.2  | -0.0 |      |      |



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|    |              |            |            |                       |      |      |        |        |       |      |     |
|----|--------------|------------|------------|-----------------------|------|------|--------|--------|-------|------|-----|
|    |              |            | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 |
|    |              |            |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 |
|    |              |            |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  | 0.0 |
|    | Length = 2   |            | Type: Beam | Section: soletta      |      |      |        |        |       |      |     |
| 92 | 2            | 3 c mobili | Max        | I                     | 0.2  | 0.1  | 10.7   | 0.2    | 3.3   | 0.2  |     |
|    |              |            |            | CNT                   | 0.2  | 0.1  | 10.7   | 0.2    | 0.2   | 0.2  |     |
|    |              |            |            | J                     | 0.2  | 0.1  | 10.7   | 0.2    | 0.9   | 0.1  |     |
|    |              |            | Min        | I                     | -0.2 | -0.3 | -2.9   | -0.9   | -0.9  | -0.3 |     |
|    |              |            |            | CNT                   | -0.2 | -0.3 | -2.9   | -0.9   | -0.1  | -0.2 |     |
|    |              |            |            | J                     | -0.2 | -0.3 | -2.9   | -0.9   | -3.1  | -0.2 |     |
|    |              |            | pp         | I                     | 0.0  | -0.0 | -2.1   | 0.1    | -0.7  | -0.0 |     |
|    |              |            |            | CNT                   | 0.0  | -0.0 | -2.1   | 0.1    | -0.1  | -0.0 |     |
|    |              |            |            | J                     | 0.0  | -0.0 | -2.1   | 0.1    | 0.5   | -0.0 |     |
|    |              |            | perm       | I                     | 0.0  | -0.0 | -2.0   | 0.2    | -0.6  | -0.0 |     |
|    |              |            |            | CNT                   | 0.0  | -0.0 | -2.0   | 0.2    | -0.0  | -0.0 |     |
|    |              |            |            | J                     | 0.0  | -0.0 | -2.0   | 0.2    | 0.6   | -0.0 |     |
|    |              |            | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    | Length = 2   |            | Type: Beam | Section: soletta      |      |      |        |        |       |      |     |
| 93 | 2            | 4 c mobili | Max        | I                     | 0.5  | 0.8  | 84.1   | 3.3    | 53.9  | 0.7  |     |
|    |              |            |            | CNT                   | 0.5  | 0.8  | 84.1   | 3.3    | 38.9  | 0.5  |     |
|    |              |            |            | J                     | 0.5  | 0.8  | 84.1   | 3.3    | 31.5  | 0.3  |     |
|    |              |            | Min        | I                     | -0.9 | -0.6 | -31.3  | -15.6  | -15.5 | -0.7 |     |
|    |              |            |            | CNT                   | -0.9 | -0.6 | -31.3  | -15.6  | -15.1 | -0.6 |     |
|    |              |            |            | J                     | -0.9 | -0.6 | -31.3  | -15.6  | -27.3 | -0.7 |     |
|    |              |            | pp         | I                     | 0.2  | -0.1 | -13.6  | 1.7    | -10.6 | -0.1 |     |
|    |              |            |            | CNT                   | 0.2  | -0.1 | -13.6  | 1.7    | -6.6  | -0.1 |     |
|    |              |            |            | J                     | 0.2  | -0.1 | -13.6  | 1.7    | -2.5  | -0.1 |     |
|    |              |            | perm       | I                     | 0.1  | -0.1 | -16.5  | 2.5    | -8.9  | -0.1 |     |
|    |              |            |            | CNT                   | 0.1  | -0.1 | -16.5  | 2.5    | -3.9  | -0.0 |     |
|    |              |            |            | J                     | 0.1  | -0.1 | -16.5  | 2.5    | 1.0   | 0.0  |     |
|    |              |            | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    | Length = 2   |            | Type: Beam | Section: traverso cap |      |      |        |        |       |      |     |
| 94 | 1            | 1 c mobili | Max        | I                     | 0.8  | 1.4  | 118.3  | 38.0   | 8.4   | 1.7  |     |
|    |              |            |            | CNT                   | 0.8  | 1.4  | 118.3  | 38.0   | 23.6  | 1.6  |     |
|    |              |            |            | J                     | 0.8  | 1.4  | 118.3  | 38.0   | 39.7  | 1.5  |     |
|    |              |            | Min        | I                     | -0.7 | -1.3 | -64.6  | -146.4 | -8.5  | -1.1 |     |
|    |              |            |            | CNT                   | -0.7 | -1.3 | -64.6  | -146.4 | -31.9 | -1.0 |     |
|    |              |            |            | J                     | -0.7 | -1.3 | -64.6  | -146.4 | -61.5 | -1.0 |     |
|    |              |            | pp         | I                     | -0.2 | 0.1  | -7.9   | 8.6    | 0.8   | -0.1 |     |
|    |              |            |            | CNT                   | -0.2 | 0.1  | -1.5   | 8.6    | 1.9   | -0.1 |     |
|    |              |            |            | J                     | -0.2 | 0.1  | 4.9    | 8.6    | 1.5   | -0.1 |     |
|    |              |            | perm       | I                     | -0.1 | -0.1 | -5.2   | 18.6   | 0.8   | -0.2 |     |
|    |              |            |            | CNT                   | -0.1 | -0.1 | -3.7   | 18.6   | 1.9   | -0.2 |     |
|    |              |            |            | J                     | -0.1 | -0.1 | -2.2   | 18.6   | 2.6   | -0.2 |     |
|    |              |            | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    | Length = 0.5 |            | Type: Beam | Section: cap          |      |      |        |        |       |      |     |
| 95 | 1            | 1 c mobili | Max        | I                     | 1.0  | 1.8  | 7.0    | 36.0   | 40.2  | 2.0  |     |
|    |              |            |            | CNT                   | 1.0  | 1.8  | 7.0    | 36.0   | 66.7  | 1.9  |     |
|    |              |            |            | J                     | 1.0  | 1.8  | 7.0    | 36.0   | 120.8 | 1.9  |     |
|    |              |            | Min        | I                     | -1.0 | -1.2 | -249.5 | -158.6 | -61.6 | -1.5 |     |
|    |              |            |            | CNT                   | -1.0 | -1.2 | -249.5 | -158.6 | -46.7 | -1.5 |     |
|    |              |            |            | J                     | -1.0 | -1.2 | -249.5 | -158.6 | -43.3 | -1.7 |     |
|    |              |            | pp         | I                     | -0.2 | 0.1  | -282.3 | 10.5   | 1.6   | -0.1 |     |
|    |              |            |            | CNT                   | -0.2 | 0.1  | -275.9 | 10.5   | 71.3  | -0.2 |     |
|    |              |            |            | J                     | -0.2 | 0.1  | -269.5 | 10.5   | 139.5 | -0.2 |     |
|    |              |            | perm       | I                     | -0.1 | -0.1 | -79.8  | 21.3   | 2.6   | -0.2 |     |
|    |              |            |            | CNT                   | -0.1 | -0.1 | -78.3  | 21.3   | 22.4  | -0.2 |     |
|    |              |            |            | J                     | -0.1 | -0.1 | -76.8  | 21.3   | 41.8  | -0.2 |     |
|    |              |            | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    |              |            |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|    | Length = 0.5 |            | Type: Beam | Section: cap          |      |      |        |        |       |      |     |
| 96 | 1            | 1 c mobili | Max        | I                     | 1.0  | 2.0  | 13.9   | 34.2   | 120.7 | 2.1  |     |
|    |              |            |            | CNT                   | 1.0  | 2.0  | 13.9   | 34.2   | 164.5 | 2.0  |     |
|    |              |            |            | J                     | 1.0  | 2.0  | 13.9   | 34.2   | 222.1 | 1.9  |     |
|    |              |            | Min        | I                     | -1.3 | -1.0 | -231.7 | -164.1 | -43.3 | -2.2 |     |
|    |              |            |            | CNT                   | -1.3 | -1.0 | -231.7 | -164.1 | -42.1 | -2.5 |     |
|    |              |            |            | J                     | -1.3 | -1.0 | -231.7 | -164.1 | -40.9 | -2.8 |     |
|    |              |            | pp         | I                     | -0.2 | 0.0  | -270.9 | 11.6   | 139.6 | -0.1 |     |
|    |              |            |            | CNT                   | -0.2 | 0.0  | -264.6 | 11.6   | 206.5 | -0.1 |     |
|    |              |            |            | J                     | -0.2 | 0.0  | -258.2 | 11.6   | 271.9 | -0.2 |     |

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|     |   |              |            |              |      |      |        |        |       |      |
|-----|---|--------------|------------|--------------|------|------|--------|--------|-------|------|
|     |   |              | perm       | I            | -0.1 | -0.2 | -77.4  | 22.6   | 41.9  | -0.2 |
|     |   |              |            | CNT          | -0.1 | -0.2 | -75.9  | 22.6   | 61.0  | -0.1 |
|     |   |              |            | J            | -0.1 | -0.2 | -74.4  | 22.6   | 79.8  | -0.1 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |       |      |
| 97  | 1 | 1 c mobili   | Max        | I            | 1.0  | 2.2  | 20.6   | 32.5   | 222.0 | 2.1  |
|     |   |              |            | CNT          | 1.0  | 2.2  | 20.6   | 32.5   | 258.5 | 1.9  |
|     |   |              |            | J            | 1.0  | 2.2  | 20.6   | 32.5   | 312.8 | 1.8  |
|     |   |              | Min        | I            | -1.6 | -0.9 | -218.7 | -165.4 | -40.9 | -3.4 |
|     |   |              |            | CNT          | -1.6 | -0.9 | -218.7 | -165.4 | -39.9 | -3.6 |
|     |   |              |            | J            | -1.6 | -0.9 | -218.7 | -165.4 | -38.9 | -3.9 |
|     |   |              | pp         | I            | -0.1 | -0.0 | -259.0 | 12.1   | 271.9 | -0.1 |
|     |   |              |            | CNT          | -0.1 | -0.0 | -252.7 | 12.1   | 335.9 | -0.1 |
|     |   |              |            | J            | -0.1 | -0.0 | -246.3 | 12.1   | 398.3 | -0.1 |
|     |   |              | perm       | I            | -0.1 | -0.2 | -74.5  | 23.0   | 79.9  | -0.0 |
|     |   |              |            | CNT          | -0.1 | -0.2 | -73.0  | 23.0   | 98.3  | 0.0  |
|     |   |              |            | J            | -0.1 | -0.2 | -71.5  | 23.0   | 116.4 | 0.1  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |       |      |
| 98  | 1 | 1 c mobili   | Max        | I            | 1.1  | 2.3  | 29.3   | 30.7   | 312.7 | 2.1  |
|     |   |              |            | CNT          | 1.1  | 2.3  | 29.3   | 30.7   | 343.4 | 1.9  |
|     |   |              |            | J            | 1.1  | 2.3  | 29.3   | 30.7   | 395.1 | 1.8  |
|     |   |              | Min        | I            | -1.8 | -0.9 | -208.3 | -164.0 | -38.9 | -4.4 |
|     |   |              |            | CNT          | -1.8 | -0.9 | -208.3 | -164.0 | -38.1 | -4.7 |
|     |   |              |            | J            | -1.8 | -0.9 | -208.3 | -164.0 | -37.2 | -5.0 |
|     |   |              | pp         | I            | -0.1 | -0.1 | -246.8 | 12.3   | 398.3 | -0.0 |
|     |   |              |            | CNT          | -0.1 | -0.1 | -240.4 | 12.3   | 459.2 | -0.0 |
|     |   |              |            | J            | -0.1 | -0.1 | -234.0 | 12.3   | 518.5 | -0.0 |
|     |   |              | perm       | I            | -0.0 | -0.2 | -71.3  | 22.9   | 116.4 | 0.1  |
|     |   |              |            | CNT          | -0.0 | -0.2 | -69.8  | 22.9   | 134.0 | 0.1  |
|     |   |              |            | J            | -0.0 | -0.2 | -68.3  | 22.9   | 151.3 | 0.2  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |       |      |
| 99  | 1 | 1 c mobili   | Max        | I            | 1.2  | 2.3  | 37.9   | 28.9   | 395.0 | 2.1  |
|     |   |              |            | CNT          | 1.2  | 2.3  | 37.9   | 28.9   | 421.0 | 1.9  |
|     |   |              |            | J            | 1.2  | 2.3  | 37.9   | 28.9   | 470.4 | 1.8  |
|     |   |              | Min        | I            | -2.0 | -0.9 | -199.7 | -161.0 | -37.2 | -5.3 |
|     |   |              |            | CNT          | -2.0 | -0.9 | -199.7 | -161.0 | -36.5 | -5.5 |
|     |   |              |            | J            | -2.0 | -0.9 | -199.7 | -161.0 | -35.8 | -5.8 |
|     |   |              | pp         | I            | -0.0 | -0.1 | -234.2 | 12.3   | 518.6 | 0.0  |
|     |   |              |            | CNT          | -0.0 | -0.1 | -227.8 | 12.3   | 576.3 | 0.0  |
|     |   |              |            | J            | -0.0 | -0.1 | -221.5 | 12.3   | 632.5 | 0.1  |
|     |   |              | perm       | I            | -0.0 | -0.2 | -67.8  | 22.5   | 151.4 | 0.2  |
|     |   |              |            | CNT          | -0.0 | -0.2 | -66.3  | 22.5   | 168.1 | 0.3  |
|     |   |              |            | J            | -0.0 | -0.2 | -64.8  | 22.5   | 184.5 | 0.3  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |       |      |
| 100 | 1 | 1 c mobili   | Max        | I            | 1.3  | 2.3  | 44.6   | 27.1   | 470.3 | 2.1  |
|     |   |              |            | CNT          | 1.3  | 2.3  | 44.6   | 27.1   | 493.8 | 1.9  |
|     |   |              |            | J            | 1.3  | 2.3  | 44.6   | 27.1   | 539.7 | 1.8  |
|     |   |              | Min        | I            | -2.0 | -1.0 | -192.3 | -156.7 | -35.7 | -6.1 |
|     |   |              |            | CNT          | -2.0 | -1.0 | -192.3 | -156.7 | -35.1 | -6.2 |
|     |   |              |            | J            | -2.0 | -1.0 | -192.3 | -156.7 | -34.4 | -6.4 |
|     |   |              | pp         | I            | -0.0 | -0.1 | -221.5 | 12.0   | 632.5 | 0.1  |
|     |   |              |            | CNT          | -0.0 | -0.1 | -215.1 | 12.0   | 687.1 | 0.1  |
|     |   |              |            | J            | -0.0 | -0.1 | -208.8 | 12.0   | 740.1 | 0.2  |
|     |   |              | perm       | I            | 0.0  | -0.2 | -64.2  | 21.8   | 184.6 | 0.3  |
|     |   |              |            | CNT          | 0.0  | -0.2 | -62.7  | 21.8   | 200.4 | 0.4  |
|     |   |              |            | J            | 0.0  | -0.2 | -61.2  | 21.8   | 215.9 | 0.5  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |       |      |
| 101 | 1 | 1 c mobili   | Max        | I            | 1.4  | 2.2  | 50.2   | 25.3   | 539.5 | 2.1  |
|     |   |              |            | CNT          | 1.4  | 2.2  | 50.2   | 25.3   | 561.1 | 2.0  |
|     |   |              |            | J            | 1.4  | 2.2  | 50.2   | 25.3   | 603.5 | 1.9  |
|     |   |              | Min        | I            | -2.1 | -1.1 | -185.5 | -151.6 | -34.4 | -6.6 |
|     |   |              |            | CNT          | -2.1 | -1.1 | -185.5 | -151.6 | -33.8 | -6.7 |

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|     |   |              |            |              |      |        |        |        |       |      |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|-------|------|
|     |   |              | J          | -2.1         | -1.1 | -185.5 | -151.6 | -33.2  | -6.9  |      |
|     |   | PP           | I          | 0.0          | -0.1 | -208.7 | 11.7   | 740.2  | 0.2   |      |
|     |   |              | CNT        | 0.0          | -0.1 | -202.3 | 11.7   | 791.5  | 0.2   |      |
|     |   |              | J          | 0.0          | -0.1 | -195.9 | 11.7   | 841.3  | 0.2   |      |
|     |   | perm         | I          | 0.0          | -0.2 | -60.6  | 20.9   | 216.0  | 0.4   |      |
|     |   |              | CNT        | 0.0          | -0.2 | -59.1  | 20.9   | 230.9  | 0.5   |      |
|     |   |              | J          | 0.0          | -0.2 | -57.6  | 20.9   | 245.5  | 0.6   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 102 | 1 | 1 c mobili   | Max        | I            | 1.5  | 2.2    | 54.9   | 27.4   | 603.3 | 2.2  |
|     |   |              |            | CNT          | 1.5  | 2.2    | 54.9   | 27.4   | 623.2 | 2.0  |
|     |   |              |            | J            | 1.5  | 2.2    | 54.9   | 27.4   | 662.3 | 1.9  |
|     |   |              | Min        | I            | -2.1 | -1.1   | -179.3 | -145.8 | -33.2 | -7.0 |
|     |   |              |            | CNT          | -2.1 | -1.1   | -179.3 | -145.8 | -32.7 | -7.1 |
|     |   |              |            | J            | -2.1 | -1.1   | -179.3 | -145.8 | -32.1 | -7.2 |
|     |   | PP           | I          | 0.0          | -0.1 | -195.7 | 11.2   | 841.4  | 0.2   |      |
|     |   |              | CNT        | 0.0          | -0.1 | -189.4 | 11.2   | 889.5  | 0.3   |      |
|     |   |              | J          | 0.0          | -0.1 | -183.0 | 11.2   | 936.0  | 0.3   |      |
|     |   | perm         | I          | 0.0          | -0.2 | -56.8  | 19.9   | 245.6  | 0.5   |      |
|     |   |              | CNT        | 0.0          | -0.2 | -55.3  | 19.9   | 259.6  | 0.6   |      |
|     |   |              | J          | 0.0          | -0.2 | -53.8  | 19.9   | 273.2  | 0.6   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 103 | 1 | 1 c mobili   | Max        | I            | 1.5  | 2.1    | 59.0   | 29.7   | 662.1 | 2.2  |
|     |   |              |            | CNT          | 1.5  | 2.1    | 59.0   | 29.7   | 680.3 | 2.1  |
|     |   |              |            | J            | 1.5  | 2.1    | 59.0   | 29.7   | 716.3 | 2.0  |
|     |   |              | Min        | I            | -2.1 | -1.2   | -173.5 | -139.5 | -32.1 | -7.6 |
|     |   |              |            | CNT          | -2.1 | -1.2   | -173.5 | -139.5 | -31.6 | -7.6 |
|     |   |              |            | J            | -2.1 | -1.2   | -173.5 | -139.5 | -31.1 | -7.6 |
|     |   | PP           | I          | 0.0          | -0.1 | -182.8 | 10.7   | 936.1  | 0.3   |      |
|     |   |              | CNT        | 0.0          | -0.1 | -176.4 | 10.7   | 981.0  | 0.3   |      |
|     |   |              | J          | 0.0          | -0.1 | -170.0 | 10.7   | 1024.3 | 0.4   |      |
|     |   | perm         | I          | 0.0          | -0.2 | -53.1  | 18.8   | 273.3  | 0.6   |      |
|     |   |              | CNT        | 0.0          | -0.2 | -51.6  | 18.8   | 286.3  | 0.7   |      |
|     |   |              | J          | 0.0          | -0.2 | -50.1  | 18.8   | 299.0  | 0.7   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 104 | 1 | 1 c mobili   | Max        | I            | 1.6  | 2.0    | 62.8   | 31.8   | 716.1 | 2.3  |
|     |   |              |            | CNT          | 1.6  | 2.0    | 62.8   | 31.8   | 732.6 | 2.1  |
|     |   |              |            | J            | 1.6  | 2.0    | 62.8   | 31.8   | 765.8 | 2.0  |
|     |   |              | Min        | I            | -2.1 | -1.2   | -167.9 | -132.8 | -31.1 | -7.9 |
|     |   |              |            | CNT          | -2.1 | -1.2   | -167.9 | -132.8 | -30.5 | -7.9 |
|     |   |              |            | J            | -2.1 | -1.2   | -167.9 | -132.8 | -30.0 | -7.9 |
|     |   | PP           | I          | 0.0          | -0.1 | -169.7 | 10.1   | 1024.3 | 0.3   |      |
|     |   |              | CNT        | 0.0          | -0.1 | -163.4 | 10.1   | 1066.0 | 0.4   |      |
|     |   |              | J          | 0.0          | -0.1 | -157.0 | 10.1   | 1106.0 | 0.4   |      |
|     |   | perm         | I          | 0.0          | -0.2 | -49.3  | 17.6   | 299.1  | 0.7   |      |
|     |   |              | CNT        | 0.0          | -0.2 | -47.8  | 17.6   | 311.2  | 0.7   |      |
|     |   |              | J          | 0.0          | -0.2 | -46.3  | 17.6   | 323.0  | 0.8   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 105 | 1 | 1 c mobili   | Max        | I            | 1.6  | 2.0    | 66.2   | 33.6   | 765.7 | 2.3  |
|     |   |              |            | CNT          | 1.6  | 2.0    | 66.2   | 33.6   | 780.5 | 2.2  |
|     |   |              |            | J            | 1.6  | 2.0    | 66.2   | 33.6   | 810.9 | 2.1  |
|     |   |              | Min        | I            | -2.0 | -1.3   | -162.5 | -125.8 | -30.0 | -8.2 |
|     |   |              |            | CNT          | -2.0 | -1.3   | -162.5 | -125.8 | -29.6 | -8.1 |
|     |   |              |            | J            | -2.0 | -1.3   | -162.5 | -125.8 | -29.1 | -8.1 |
|     |   | PP           | I          | 0.0          | -0.1 | -156.7 | 9.4    | 1106.0 | 0.4   |      |
|     |   |              | CNT        | 0.0          | -0.1 | -150.3 | 9.4    | 1144.4 | 0.4   |      |
|     |   |              | J          | 0.0          | -0.1 | -144.0 | 9.4    | 1181.2 | 0.4   |      |
|     |   | perm         | I          | 0.0          | -0.2 | -45.5  | 16.3   | 323.0  | 0.7   |      |
|     |   |              | CNT        | 0.0          | -0.2 | -44.0  | 16.3   | 334.2  | 0.8   |      |
|     |   |              | J          | 0.0          | -0.2 | -42.5  | 16.3   | 345.0  | 0.8   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |

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|              |      |            |              |              |      |            |              |        |        |        |      |        |        |       |      |
|--------------|------|------------|--------------|--------------|------|------------|--------------|--------|--------|--------|------|--------|--------|-------|------|
| 106          | 1    | 1 c mobili | Max          | I            | 1.7  | 1.9        | 69.5         | 35.0   | 810.8  | 2.4    |      |        |        |       |      |
|              |      |            |              | CNT          | 1.7  | 1.9        | 69.5         | 35.0   | 824.1  | 2.2    |      |        |        |       |      |
|              |      |            |              | J            | 1.7  | 1.9        | 69.5         | 35.0   | 851.8  | 2.1    |      |        |        |       |      |
|              |      |            |              | Min          | I    | -2.0       | -1.4         | -157.3 | -118.5 | -29.1  | -8.4 |        |        |       |      |
|              |      |            |              |              | CNT  | -2.0       | -1.4         | -157.3 | -118.5 | -28.6  | -8.3 |        |        |       |      |
|              |      |            |              |              | J    | -2.0       | -1.4         | -157.3 | -118.5 | -28.1  | -8.3 |        |        |       |      |
|              |      |            |              | pp           | I    | 0.0        | -0.1         | -143.7 | 8.7    | 1181.2 | 0.4  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | -0.1         | -137.3 | 8.7    | 1216.4 | 0.4  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | -0.1         | -130.9 | 8.7    | 1249.9 | 0.5  |        |        |       |      |
|              |      |            |              | perm         | I    | 0.0        | -0.1         | -41.6  | 15.0   | 345.0  | 0.8  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | -0.1         | -40.1  | 15.0   | 355.2  | 0.8  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | -0.1         | -38.6  | 15.0   | 365.1  | 0.9  |        |        |       |      |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |      |        |        |       |      |
|              |      |            |              | 107          | 1    | 1 c mobili | Max          | I      | 1.7    | 1.9    | 72.5 | 35.9   | 851.7  | 2.4   |      |
|              |      |            |              |              |      |            |              | CNT    | 1.7    | 1.9    | 72.5 | 35.9   | 863.4  | 2.3   |      |
|              |      |            |              |              |      |            |              | J      | 1.7    | 1.9    | 72.5 | 35.9   | 888.4  | 2.1   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -2.0   | -1.4 | -152.2 | -111.1 | -28.1 | -8.5 |
|              |      |            |              |              |      |            |              |        | CNT    | -2.0   | -1.4 | -152.2 | -111.1 | -27.7 | -8.4 |
| J            | -2.0 | -1.4       | -152.2       |              |      |            |              |        | -111.1 | -27.2  | -8.5 |        |        |       |      |
| pp           | I    | 0.0        | -0.1         |              |      |            |              | -130.6 | 8.0    | 1249.9 | 0.5  |        |        |       |      |
|              | CNT  | 0.0        | -0.1         |              |      |            |              | -124.2 | 8.0    | 1281.8 | 0.5  |        |        |       |      |
|              | J    | 0.0        | -0.1         |              |      |            |              | -117.8 | 8.0    | 1312.0 | 0.5  |        |        |       |      |
| perm         | I    | 0.0        | -0.1         |              |      |            |              | -37.8  | 13.7   | 365.1  | 0.8  |        |        |       |      |
|              | CNT  | 0.0        | -0.1         |              |      |            |              | -36.3  | 13.7   | 374.4  | 0.9  |        |        |       |      |
|              | J    | 0.0        | -0.1         |              |      |            |              | -34.8  | 13.7   | 383.3  | 0.9  |        |        |       |      |
| acc          | I    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | CNT  | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | J    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
| Length = 0.5 |      | Type: Beam | Section: cap |              |      |            |              |        |        |        |      |        |        |       |      |
| 108          | 1    | 1 c mobili | Max          |              |      |            |              | I      | 1.7    | 1.9    | 75.6 | 36.4   | 888.3  | 2.4   |      |
|              |      |            |              |              |      |            |              | CNT    | 1.7    | 1.9    | 75.6 | 36.4   | 898.6  | 2.3   |      |
|              |      |            |              |              |      |            |              | J      | 1.7    | 1.9    | 75.6 | 36.4   | 921.0  | 2.2   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -2.0   | -1.5 | -147.3 | -103.4 | -27.2 | -8.6 |
|              |      |            |              |              |      |            |              |        | CNT    | -2.0   | -1.5 | -147.3 | -103.4 | -26.7 | -8.5 |
|              |      |            |              | J            | -2.0 | -1.5       | -147.3       |        | -103.4 | -26.3  | -8.6 |        |        |       |      |
|              |      |            |              | pp           | I    | 0.0        | -0.1         | -117.5 | 7.2    | 1312.0 | 0.5  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | -0.1         | -111.1 | 7.2    | 1340.6 | 0.5  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | -0.1         | -104.8 | 7.2    | 1367.6 | 0.5  |        |        |       |      |
|              |      |            |              | perm         | I    | 0.0        | -0.1         | -34.0  | 12.3   | 383.3  | 0.9  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | -0.1         | -32.5  | 12.3   | 391.6  | 0.9  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | -0.1         | -31.0  | 12.3   | 399.6  | 0.9  |        |        |       |      |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |      |        |        |       |      |
|              |      |            |              | 109          | 1    | 1 c mobili | Max          | I      | 1.8    | 1.8    | 79.3 | 36.6   | 920.9  | 2.4   |      |
|              |      |            |              |              |      |            |              | CNT    | 1.8    | 1.8    | 79.3 | 36.6   | 929.6  | 2.3   |      |
|              |      |            |              |              |      |            |              | J      | 1.8    | 1.8    | 79.3 | 36.6   | 949.5  | 2.2   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -2.0   | -1.5 | -142.4 | -95.7  | -26.3 | -8.7 |
|              |      |            |              |              |      |            |              |        | CNT    | -2.0   | -1.5 | -142.4 | -95.7  | -25.8 | -8.6 |
| J            | -2.0 | -1.5       | -142.4       |              |      |            |              |        | -95.7  | -25.4  | -8.7 |        |        |       |      |
| pp           | I    | 0.0        | -0.1         |              |      |            |              | -104.4 | 6.4    | 1367.6 | 0.5  |        |        |       |      |
|              | CNT  | 0.0        | -0.1         |              |      |            |              | -98.1  | 6.4    | 1393.0 | 0.5  |        |        |       |      |
|              | J    | 0.0        | -0.1         |              |      |            |              | -91.7  | 6.4    | 1416.7 | 0.5  |        |        |       |      |
| perm         | I    | 0.0        | -0.1         |              |      |            |              | -30.2  | 10.9   | 399.6  | 0.9  |        |        |       |      |
|              | CNT  | 0.0        | -0.1         |              |      |            |              | -28.7  | 10.9   | 406.9  | 0.9  |        |        |       |      |
|              | J    | 0.0        | -0.1         |              |      |            |              | -27.2  | 10.9   | 413.9  | 0.9  |        |        |       |      |
| acc          | I    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | CNT  | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              | J    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
| Length = 0.5 |      | Type: Beam | Section: cap |              |      |            |              |        |        |        |      |        |        |       |      |
| 110          | 1    | 1 c mobili | Max          |              |      |            |              | I      | 1.8    | 1.8    | 82.9 | 37.1   | 949.4  | 2.5   |      |
|              |      |            |              |              |      |            |              | CNT    | 1.8    | 1.8    | 82.9 | 37.1   | 956.6  | 2.3   |      |
|              |      |            |              |              |      |            |              | J      | 1.8    | 1.8    | 82.9 | 37.1   | 973.9  | 2.2   |      |
|              |      |            |              |              |      |            |              | Min    | I      | -2.0   | -1.6 | -137.6 | -88.1  | -25.4 | -8.8 |
|              |      |            |              |              |      |            |              |        | CNT    | -2.0   | -1.6 | -137.6 | -88.1  | -24.9 | -8.7 |
|              |      |            |              | J            | -2.0 | -1.6       | -137.6       |        | -88.1  | -24.5  | -8.7 |        |        |       |      |
|              |      |            |              | pp           | I    | 0.0        | -0.1         | -91.4  | 5.6    | 1416.7 | 0.5  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | -0.1         | -85.0  | 5.6    | 1438.7 | 0.5  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | -0.1         | -78.6  | 5.6    | 1459.2 | 0.5  |        |        |       |      |
|              |      |            |              | perm         | I    | 0.0        | -0.1         | -26.4  | 9.5    | 413.9  | 0.9  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | -0.1         | -24.9  | 9.5    | 420.3  | 0.9  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | -0.1         | -23.4  | 9.5    | 426.4  | 0.9  |        |        |       |      |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0  |        |        |       |      |

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|     |              |            |              |      |      |        |       |        |      |     |     |
|-----|--------------|------------|--------------|------|------|--------|-------|--------|------|-----|-----|
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0 | 0.0 |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0 | 0.0 |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |     |     |
| 111 | 1            | 1 c mobili | Max I        | 1.8  | 1.8  | 86.6   | 38.6  | 973.8  | 2.5  |     |     |
|     |              |            | CNT          | 1.8  | 1.8  | 86.6   | 38.6  | 979.5  | 2.3  |     |     |
|     |              |            | J            | 1.8  | 1.8  | 86.6   | 38.6  | 994.4  | 2.2  |     |     |
|     |              |            | Min I        | -2.0 | -1.6 | -132.9 | -80.6 | -24.5  | -8.8 |     |     |
|     |              |            | CNT          | -2.0 | -1.6 | -132.9 | -80.6 | -24.1  | -8.7 |     |     |
|     |              |            | J            | -2.0 | -1.6 | -132.9 | -80.6 | -23.6  | -8.8 |     |     |
|     |              |            | pp I         | 0.0  | -0.0 | -78.3  | 4.7   | 1459.2 | 0.5  |     |     |
|     |              |            | CNT          | 0.0  | -0.0 | -71.9  | 4.7   | 1478.0 | 0.5  |     |     |
|     |              |            | J            | 0.0  | -0.0 | -65.6  | 4.7   | 1495.2 | 0.6  |     |     |
|     |              |            | perm I       | 0.0  | -0.1 | -22.5  | 8.0   | 426.4  | 0.9  |     |     |
|     |              |            | CNT          | 0.0  | -0.1 | -21.0  | 8.0   | 431.8  | 0.9  |     |     |
|     |              |            | J            | 0.0  | -0.1 | -19.5  | 8.0   | 436.9  | 1.0  |     |     |
|     |              |            | acc I        | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |     |     |
| 112 | 1            | 1 c mobili | Max I        | 1.8  | 1.8  | 90.3   | 40.1  | 994.4  | 2.5  |     |     |
|     |              |            | CNT          | 1.8  | 1.8  | 90.3   | 40.1  | 998.5  | 2.3  |     |     |
|     |              |            | J            | 1.8  | 1.8  | 90.3   | 40.1  | 1011.0 | 2.2  |     |     |
|     |              |            | Min I        | -2.0 | -1.6 | -128.3 | -73.2 | -23.6  | -8.9 |     |     |
|     |              |            | CNT          | -2.0 | -1.6 | -128.3 | -73.2 | -23.2  | -8.8 |     |     |
|     |              |            | J            | -2.0 | -1.6 | -128.3 | -73.2 | -22.7  | -8.8 |     |     |
|     |              |            | pp I         | 0.0  | -0.0 | -65.2  | 3.9   | 1495.2 | 0.5  |     |     |
|     |              |            | CNT          | 0.0  | -0.0 | -58.8  | 3.9   | 1510.7 | 0.6  |     |     |
|     |              |            | J            | 0.0  | -0.0 | -52.5  | 3.9   | 1524.6 | 0.6  |     |     |
|     |              |            | perm I       | 0.0  | -0.1 | -18.7  | 6.6   | 436.9  | 0.9  |     |     |
|     |              |            | CNT          | 0.0  | -0.1 | -17.2  | 6.6   | 441.4  | 0.9  |     |     |
|     |              |            | J            | 0.0  | -0.1 | -15.7  | 6.6   | 445.5  | 1.0  |     |     |
|     |              |            | acc I        | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |     |     |
| 113 | 1            | 1 c mobili | Max I        | 1.9  | 1.8  | 94.0   | 41.6  | 1010.9 | 2.4  |     |     |
|     |              |            | CNT          | 1.9  | 1.8  | 94.0   | 41.6  | 1013.5 | 2.3  |     |     |
|     |              |            | J            | 1.9  | 1.8  | 94.0   | 41.6  | 1023.5 | 2.2  |     |     |
|     |              |            | Min I        | -2.0 | -1.6 | -123.7 | -66.7 | -22.7  | -8.8 |     |     |
|     |              |            | CNT          | -2.0 | -1.6 | -123.7 | -66.7 | -22.3  | -8.8 |     |     |
|     |              |            | J            | -2.0 | -1.6 | -123.7 | -66.7 | -21.9  | -8.9 |     |     |
|     |              |            | pp I         | 0.0  | -0.0 | -52.1  | 3.0   | 1524.6 | 0.6  |     |     |
|     |              |            | CNT          | 0.0  | -0.0 | -45.8  | 3.0   | 1536.9 | 0.6  |     |     |
|     |              |            | J            | 0.0  | -0.0 | -39.4  | 3.0   | 1547.5 | 0.6  |     |     |
|     |              |            | perm I       | 0.0  | -0.0 | -14.9  | 5.1   | 445.5  | 0.9  |     |     |
|     |              |            | CNT          | 0.0  | -0.0 | -13.4  | 5.1   | 449.1  | 1.0  |     |     |
|     |              |            | J            | 0.0  | -0.0 | -11.9  | 5.1   | 452.2  | 1.0  |     |     |
|     |              |            | acc I        | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |     |     |
| 114 | 1            | 1 c mobili | Max I        | 1.9  | 1.7  | 97.9   | 43.0  | 1023.4 | 2.4  |     |     |
|     |              |            | CNT          | 1.9  | 1.7  | 97.9   | 43.0  | 1024.6 | 2.3  |     |     |
|     |              |            | J            | 1.9  | 1.7  | 97.9   | 43.0  | 1032.2 | 2.2  |     |     |
|     |              |            | Min I        | -2.0 | -1.7 | -119.2 | -61.2 | -21.9  | -8.8 |     |     |
|     |              |            | CNT          | -2.0 | -1.7 | -119.2 | -61.2 | -21.4  | -8.7 |     |     |
|     |              |            | J            | -2.0 | -1.7 | -119.2 | -61.2 | -21.0  | -8.9 |     |     |
|     |              |            | pp I         | 0.0  | -0.0 | -39.1  | 2.2   | 1547.5 | 0.6  |     |     |
|     |              |            | CNT          | 0.0  | -0.0 | -32.7  | 2.2   | 1556.5 | 0.6  |     |     |
|     |              |            | J            | 0.0  | -0.0 | -26.3  | 2.2   | 1563.9 | 0.6  |     |     |
|     |              |            | perm I       | -0.0 | -0.0 | -11.1  | 3.7   | 452.2  | 1.0  |     |     |
|     |              |            | CNT          | -0.0 | -0.0 | -9.6   | 3.7   | 454.8  | 1.0  |     |     |
|     |              |            | J            | -0.0 | -0.0 | -8.1   | 3.7   | 457.0  | 1.0  |     |     |
|     |              |            | acc I        | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |     |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |     |     |
| 115 | 1            | 1 c mobili | Max I        | 1.9  | 1.7  | 102.0  | 44.8  | 1032.1 | 2.4  |     |     |
|     |              |            | CNT          | 1.9  | 1.7  | 102.0  | 44.8  | 1031.8 | 2.2  |     |     |
|     |              |            | J            | 1.9  | 1.7  | 102.0  | 44.8  | 1037.0 | 2.1  |     |     |
|     |              |            | Min I        | -2.0 | -1.7 | -114.7 | -56.0 | -21.0  | -8.9 |     |     |
|     |              |            | CNT          | -2.0 | -1.7 | -114.7 | -56.0 | -20.6  | -8.7 |     |     |
|     |              |            | J            | -2.0 | -1.7 | -114.7 | -56.0 | -20.1  | -8.8 |     |     |
|     |              |            | pp I         | 0.0  | -0.0 | -26.0  | 1.3   | 1563.9 | 0.6  |     |     |
|     |              |            | CNT          | 0.0  | -0.0 | -19.6  | 1.3   | 1569.6 | 0.6  |     |     |
|     |              |            | J            | 0.0  | -0.0 | -13.2  | 1.3   | 1573.7 | 0.6  |     |     |

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|     |   |              |            |              |      |      |        |       |        |      |
|-----|---|--------------|------------|--------------|------|------|--------|-------|--------|------|
|     |   |              | perm       | I            | -0.0 | -0.0 | -7.2   | 2.2   | 457.0  | 1.0  |
|     |   |              |            | CNT          | -0.0 | -0.0 | -5.7   | 2.2   | 458.6  | 1.0  |
|     |   |              |            | J            | -0.0 | -0.0 | -4.2   | 2.2   | 459.9  | 1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 116 | 1 | 1 c mobili   | Max        | I            | 1.9  | 1.7  | 106.1  | 47.2  | 1036.9 | 2.3  |
|     |   |              |            | CNT          | 1.9  | 1.7  | 106.1  | 47.2  | 1035.1 | 2.2  |
|     |   |              |            | J            | 1.9  | 1.7  | 106.1  | 47.2  | 1037.8 | 2.2  |
|     |   |              | Min        | I            | -2.0 | -1.7 | -110.4 | -51.0 | -20.1  | -8.9 |
|     |   |              |            | CNT          | -2.0 | -1.7 | -110.4 | -51.0 | -19.7  | -8.8 |
|     |   |              |            | J            | -2.0 | -1.7 | -110.4 | -51.0 | -19.3  | -8.9 |
|     |   |              | pp         | I            | 0.0  | -0.0 | -12.9  | 0.4   | 1573.7 | 0.6  |
|     |   |              |            | CNT          | 0.0  | -0.0 | -6.5   | 0.4   | 1576.1 | 0.6  |
|     |   |              |            | J            | 0.0  | -0.0 | -0.2   | 0.4   | 1577.0 | 0.6  |
|     |   |              | perm       | I            | -0.0 | -0.0 | -3.4   | 0.7   | 459.9  | 1.0  |
|     |   |              |            | CNT          | -0.0 | -0.0 | -1.9   | 0.7   | 460.5  | 1.0  |
|     |   |              |            | J            | -0.0 | -0.0 | -0.4   | 0.7   | 460.8  | 1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 117 | 1 | 1 c mobili   | Max        | I            | 1.9  | 1.7  | 110.4  | 51.0  | 1037.8 | 2.2  |
|     |   |              |            | CNT          | 1.9  | 1.7  | 110.4  | 51.0  | 1035.1 | 2.2  |
|     |   |              |            | J            | 1.9  | 1.7  | 110.4  | 51.0  | 1036.9 | 2.3  |
|     |   |              | Min        | I            | -2.0 | -1.7 | -106.1 | -47.2 | -19.3  | -8.9 |
|     |   |              |            | CNT          | -2.0 | -1.7 | -106.1 | -47.2 | -19.7  | -8.8 |
|     |   |              |            | J            | -2.0 | -1.7 | -106.1 | -47.2 | -20.1  | -8.9 |
|     |   |              | pp         | I            | 0.0  | 0.0  | 0.2    | -0.4  | 1577.0 | 0.6  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 6.5    | -0.4  | 1576.1 | 0.6  |
|     |   |              |            | J            | 0.0  | 0.0  | 12.9   | -0.4  | 1573.7 | 0.6  |
|     |   |              | perm       | I            | -0.0 | 0.0  | 0.4    | -0.7  | 460.8  | 1.0  |
|     |   |              |            | CNT          | -0.0 | 0.0  | 1.9    | -0.7  | 460.5  | 1.0  |
|     |   |              |            | J            | -0.0 | 0.0  | 3.4    | -0.7  | 459.9  | 1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 118 | 1 | 1 c mobili   | Max        | I            | 1.9  | 1.7  | 114.7  | 56.0  | 1037.0 | 2.1  |
|     |   |              |            | CNT          | 1.9  | 1.7  | 114.7  | 56.0  | 1031.8 | 2.2  |
|     |   |              |            | J            | 1.9  | 1.7  | 114.7  | 56.0  | 1032.1 | 2.4  |
|     |   |              | Min        | I            | -2.0 | -1.7 | -102.0 | -44.8 | -20.1  | -8.8 |
|     |   |              |            | CNT          | -2.0 | -1.7 | -102.0 | -44.8 | -20.6  | -8.7 |
|     |   |              |            | J            | -2.0 | -1.7 | -102.0 | -44.8 | -21.0  | -8.9 |
|     |   |              | pp         | I            | 0.0  | 0.0  | 13.2   | -1.3  | 1573.7 | 0.6  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 19.6   | -1.3  | 1569.6 | 0.6  |
|     |   |              |            | J            | 0.0  | 0.0  | 26.0   | -1.3  | 1563.9 | 0.6  |
|     |   |              | perm       | I            | -0.0 | 0.0  | 4.2    | -2.2  | 459.9  | 1.0  |
|     |   |              |            | CNT          | -0.0 | 0.0  | 5.7    | -2.2  | 458.6  | 1.0  |
|     |   |              |            | J            | -0.0 | 0.0  | 7.2    | -2.2  | 457.0  | 1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 119 | 1 | 1 c mobili   | Max        | I            | 1.9  | 1.7  | 119.2  | 61.2  | 1032.2 | 2.2  |
|     |   |              |            | CNT          | 1.9  | 1.7  | 119.2  | 61.2  | 1024.6 | 2.3  |
|     |   |              |            | J            | 1.9  | 1.7  | 119.2  | 61.2  | 1023.4 | 2.4  |
|     |   |              | Min        | I            | -2.0 | -1.7 | -97.9  | -43.0 | -21.0  | -8.9 |
|     |   |              |            | CNT          | -2.0 | -1.7 | -97.9  | -43.0 | -21.4  | -8.7 |
|     |   |              |            | J            | -2.0 | -1.7 | -97.9  | -43.0 | -21.9  | -8.8 |
|     |   |              | pp         | I            | 0.0  | 0.0  | 26.3   | -2.2  | 1563.9 | 0.6  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 32.7   | -2.2  | 1556.5 | 0.6  |
|     |   |              |            | J            | 0.0  | 0.0  | 39.1   | -2.2  | 1547.5 | 0.6  |
|     |   |              | perm       | I            | -0.0 | 0.0  | 8.1    | -3.7  | 457.0  | 1.0  |
|     |   |              |            | CNT          | -0.0 | 0.0  | 9.6    | -3.7  | 454.8  | 1.0  |
|     |   |              |            | J            | -0.0 | 0.0  | 11.1   | -3.7  | 452.2  | 1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |      |
| 120 | 1 | 1 c mobili   | Max        | I            | 1.9  | 1.6  | 123.7  | 66.7  | 1023.5 | 2.2  |
|     |   |              |            | CNT          | 1.9  | 1.6  | 123.7  | 66.7  | 1013.5 | 2.3  |
|     |   |              |            | J            | 1.9  | 1.6  | 123.7  | 66.7  | 1010.9 | 2.4  |
|     |   |              | Min        | I            | -2.0 | -1.8 | -94.0  | -41.6 | -21.9  | -8.9 |
|     |   |              |            | CNT          | -2.0 | -1.8 | -94.0  | -41.6 | -22.3  | -8.8 |
|     |   |              |            | J            | -2.0 | -1.8 | -94.0  | -41.6 | -22.7  | -8.8 |

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|     |   |              |            |              |      |      |       |       |        |      |
|-----|---|--------------|------------|--------------|------|------|-------|-------|--------|------|
|     |   |              | pp         | I            | 0.0  | 0.0  | 39.4  | -3.0  | 1547.5 | 0.6  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 45.8  | -3.0  | 1536.9 | 0.6  |
|     |   |              |            | J            | 0.0  | 0.0  | 52.1  | -3.0  | 1524.6 | 0.6  |
|     |   |              | perm       | I            | 0.0  | 0.0  | 11.9  | -5.1  | 452.2  | 1.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 13.4  | -5.1  | 449.1  | 1.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 14.9  | -5.1  | 445.5  | 0.9  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 121 | 1 | 1 c mobili   | Max        | I            | 1.8  | 1.6  | 128.3 | 73.2  | 1011.0 | 2.2  |
|     |   |              |            | CNT          | 1.8  | 1.6  | 128.3 | 73.2  | 998.5  | 2.3  |
|     |   |              |            | J            | 1.8  | 1.6  | 128.3 | 73.2  | 994.4  | 2.5  |
|     |   |              | Min        | I            | -2.0 | -1.8 | -90.3 | -40.1 | -22.7  | -8.8 |
|     |   |              |            | CNT          | -2.0 | -1.8 | -90.3 | -40.1 | -23.2  | -8.8 |
|     |   |              |            | J            | -2.0 | -1.8 | -90.3 | -40.1 | -23.6  | -8.9 |
|     |   |              | pp         | I            | 0.0  | 0.0  | 52.5  | -3.9  | 1524.6 | 0.6  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 58.8  | -3.9  | 1510.7 | 0.6  |
|     |   |              |            | J            | 0.0  | 0.0  | 65.2  | -3.9  | 1495.2 | 0.5  |
|     |   |              | perm       | I            | 0.0  | 0.1  | 15.7  | -6.6  | 445.5  | 1.0  |
|     |   |              |            | CNT          | 0.0  | 0.1  | 17.2  | -6.6  | 441.4  | 0.9  |
|     |   |              |            | J            | 0.0  | 0.1  | 18.7  | -6.6  | 436.9  | 0.9  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 122 | 1 | 1 c mobili   | Max        | I            | 1.8  | 1.6  | 132.9 | 80.6  | 994.4  | 2.2  |
|     |   |              |            | CNT          | 1.8  | 1.6  | 132.9 | 80.6  | 979.5  | 2.3  |
|     |   |              |            | J            | 1.8  | 1.6  | 132.9 | 80.6  | 973.8  | 2.5  |
|     |   |              | Min        | I            | -2.0 | -1.8 | -86.6 | -38.6 | -23.6  | -8.8 |
|     |   |              |            | CNT          | -2.0 | -1.8 | -86.6 | -38.6 | -24.1  | -8.7 |
|     |   |              |            | J            | -2.0 | -1.8 | -86.6 | -38.6 | -24.5  | -8.8 |
|     |   |              | pp         | I            | 0.0  | 0.0  | 65.6  | -4.7  | 1495.2 | 0.6  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 71.9  | -4.7  | 1478.0 | 0.5  |
|     |   |              |            | J            | 0.0  | 0.0  | 78.3  | -4.7  | 1459.2 | 0.5  |
|     |   |              | perm       | I            | 0.0  | 0.1  | 19.5  | -8.0  | 436.9  | 1.0  |
|     |   |              |            | CNT          | 0.0  | 0.1  | 21.0  | -8.0  | 431.8  | 0.9  |
|     |   |              |            | J            | 0.0  | 0.1  | 22.5  | -8.0  | 426.4  | 0.9  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 123 | 1 | 1 c mobili   | Max        | I            | 1.8  | 1.6  | 137.6 | 88.1  | 973.9  | 2.2  |
|     |   |              |            | CNT          | 1.8  | 1.6  | 137.6 | 88.1  | 956.6  | 2.3  |
|     |   |              |            | J            | 1.8  | 1.6  | 137.6 | 88.1  | 949.4  | 2.5  |
|     |   |              | Min        | I            | -2.0 | -1.8 | -82.9 | -37.1 | -24.5  | -8.7 |
|     |   |              |            | CNT          | -2.0 | -1.8 | -82.9 | -37.1 | -24.9  | -8.7 |
|     |   |              |            | J            | -2.0 | -1.8 | -82.9 | -37.1 | -25.4  | -8.8 |
|     |   |              | pp         | I            | 0.0  | 0.1  | 78.6  | -5.6  | 1459.2 | 0.5  |
|     |   |              |            | CNT          | 0.0  | 0.1  | 85.0  | -5.6  | 1438.7 | 0.5  |
|     |   |              |            | J            | 0.0  | 0.1  | 91.4  | -5.6  | 1416.7 | 0.5  |
|     |   |              | perm       | I            | 0.0  | 0.1  | 23.4  | -9.5  | 426.4  | 0.9  |
|     |   |              |            | CNT          | 0.0  | 0.1  | 24.9  | -9.5  | 420.3  | 0.9  |
|     |   |              |            | J            | 0.0  | 0.1  | 26.4  | -9.5  | 413.9  | 0.9  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 124 | 1 | 1 c mobili   | Max        | I            | 1.8  | 1.5  | 142.4 | 95.7  | 949.5  | 2.2  |
|     |   |              |            | CNT          | 1.8  | 1.5  | 142.4 | 95.7  | 929.6  | 2.3  |
|     |   |              |            | J            | 1.8  | 1.5  | 142.4 | 95.7  | 920.9  | 2.4  |
|     |   |              | Min        | I            | -2.0 | -1.8 | -79.3 | -36.6 | -25.4  | -8.7 |
|     |   |              |            | CNT          | -2.0 | -1.8 | -79.3 | -36.6 | -25.8  | -8.6 |
|     |   |              |            | J            | -2.0 | -1.8 | -79.3 | -36.6 | -26.3  | -8.7 |
|     |   |              | pp         | I            | 0.0  | 0.1  | 91.7  | -6.4  | 1416.7 | 0.5  |
|     |   |              |            | CNT          | 0.0  | 0.1  | 98.1  | -6.4  | 1393.0 | 0.5  |
|     |   |              |            | J            | 0.0  | 0.1  | 104.4 | -6.4  | 1367.6 | 0.5  |
|     |   |              | perm       | I            | 0.0  | 0.1  | 27.2  | -10.9 | 413.9  | 0.9  |
|     |   |              |            | CNT          | 0.0  | 0.1  | 28.7  | -10.9 | 406.9  | 0.9  |
|     |   |              |            | J            | 0.0  | 0.1  | 30.2  | -10.9 | 399.6  | 0.9  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 125 | 1 | 1 c mobili   | Max        | I            | 1.7  | 1.5  | 147.3 | 103.4 | 921.0  | 2.2  |

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|     |   |              |            |              |      |       |       |        |       |     |
|-----|---|--------------|------------|--------------|------|-------|-------|--------|-------|-----|
|     |   |              | CNT        | 1.7          | 1.5  | 147.3 | 103.4 | 898.6  | 2.3   |     |
|     |   |              | J          | 1.7          | 1.5  | 147.3 | 103.4 | 888.3  | 2.4   |     |
|     |   | Min          | I          | -2.0         | -1.9 | -75.6 | -36.4 | -26.3  | -8.6  |     |
|     |   |              | CNT        | -2.0         | -1.9 | -75.6 | -36.4 | -26.7  | -8.5  |     |
|     |   |              | J          | -2.0         | -1.9 | -75.6 | -36.4 | -27.2  | -8.6  |     |
|     |   | pp           | I          | 0.0          | 0.1  | 104.8 | -7.2  | 1367.6 | 0.5   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 111.1 | -7.2  | 1340.6 | 0.5   |     |
|     |   |              | J          | 0.0          | 0.1  | 117.5 | -7.2  | 1312.0 | 0.5   |     |
|     |   | perm         | I          | 0.0          | 0.1  | 31.0  | -12.3 | 399.6  | 0.9   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 32.5  | -12.3 | 391.6  | 0.9   |     |
|     |   |              | J          | 0.0          | 0.1  | 34.0  | -12.3 | 383.3  | 0.9   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 126 | 1 | 1 c mobili   | Max        | I            | 1.7  | 1.4   | 152.2 | 111.1  | 888.4 | 2.1 |
|     |   |              |            | CNT          | 1.7  | 1.4   | 152.2 | 111.1  | 863.4 | 2.3 |
|     |   |              |            | J            | 1.7  | 1.4   | 152.2 | 111.1  | 851.7 | 2.4 |
|     |   | Min          | I          | -2.0         | -1.9 | -72.5 | -35.9 | -27.2  | -8.5  |     |
|     |   |              | CNT        | -2.0         | -1.9 | -72.5 | -35.9 | -27.7  | -8.4  |     |
|     |   |              | J          | -2.0         | -1.9 | -72.5 | -35.9 | -28.1  | -8.5  |     |
|     |   | pp           | I          | 0.0          | 0.1  | 117.8 | -8.0  | 1312.0 | 0.5   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 124.2 | -8.0  | 1281.8 | 0.5   |     |
|     |   |              | J          | 0.0          | 0.1  | 130.6 | -8.0  | 1249.9 | 0.5   |     |
|     |   | perm         | I          | 0.0          | 0.1  | 34.8  | -13.7 | 383.3  | 0.9   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 36.3  | -13.7 | 374.4  | 0.9   |     |
|     |   |              | J          | 0.0          | 0.1  | 37.8  | -13.7 | 365.1  | 0.8   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 127 | 1 | 1 c mobili   | Max        | I            | 1.7  | 1.4   | 157.3 | 118.5  | 851.8 | 2.1 |
|     |   |              |            | CNT          | 1.7  | 1.4   | 157.3 | 118.5  | 824.1 | 2.2 |
|     |   |              |            | J            | 1.7  | 1.4   | 157.3 | 118.5  | 810.8 | 2.4 |
|     |   | Min          | I          | -2.0         | -1.9 | -69.5 | -35.0 | -28.1  | -8.3  |     |
|     |   |              | CNT        | -2.0         | -1.9 | -69.5 | -35.0 | -28.6  | -8.3  |     |
|     |   |              | J          | -2.0         | -1.9 | -69.5 | -35.0 | -29.1  | -8.4  |     |
|     |   | pp           | I          | 0.0          | 0.1  | 130.9 | -8.7  | 1249.9 | 0.5   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 137.3 | -8.7  | 1216.4 | 0.4   |     |
|     |   |              | J          | 0.0          | 0.1  | 143.7 | -8.7  | 1181.2 | 0.4   |     |
|     |   | perm         | I          | 0.0          | 0.1  | 38.6  | -15.0 | 365.1  | 0.9   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 40.1  | -15.0 | 355.2  | 0.8   |     |
|     |   |              | J          | 0.0          | 0.1  | 41.6  | -15.0 | 345.0  | 0.8   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 128 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.3   | 162.5 | 125.8  | 810.9 | 2.1 |
|     |   |              |            | CNT          | 1.6  | 1.3   | 162.5 | 125.8  | 780.5 | 2.2 |
|     |   |              |            | J            | 1.6  | 1.3   | 162.5 | 125.8  | 765.7 | 2.3 |
|     |   | Min          | I          | -2.0         | -2.0 | -66.2 | -33.6 | -29.1  | -8.1  |     |
|     |   |              | CNT        | -2.0         | -2.0 | -66.2 | -33.6 | -29.6  | -8.1  |     |
|     |   |              | J          | -2.0         | -2.0 | -66.2 | -33.6 | -30.0  | -8.2  |     |
|     |   | pp           | I          | 0.0          | 0.1  | 144.0 | -9.4  | 1181.2 | 0.4   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 150.3 | -9.4  | 1144.4 | 0.4   |     |
|     |   |              | J          | 0.0          | 0.1  | 156.7 | -9.4  | 1106.0 | 0.4   |     |
|     |   | perm         | I          | 0.0          | 0.2  | 42.5  | -16.3 | 345.0  | 0.8   |     |
|     |   |              | CNT        | 0.0          | 0.2  | 44.0  | -16.3 | 334.2  | 0.8   |     |
|     |   |              | J          | 0.0          | 0.2  | 45.5  | -16.3 | 323.0  | 0.7   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |     |
| 129 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.2   | 167.9 | 132.8  | 765.8 | 2.0 |
|     |   |              |            | CNT          | 1.6  | 1.2   | 167.9 | 132.8  | 732.6 | 2.1 |
|     |   |              |            | J            | 1.6  | 1.2   | 167.9 | 132.8  | 716.1 | 2.3 |
|     |   | Min          | I          | -2.1         | -2.0 | -62.8 | -31.8 | -30.0  | -7.9  |     |
|     |   |              | CNT        | -2.1         | -2.0 | -62.8 | -31.8 | -30.5  | -7.9  |     |
|     |   |              | J          | -2.1         | -2.0 | -62.8 | -31.8 | -31.1  | -7.9  |     |
|     |   | pp           | I          | 0.0          | 0.1  | 157.0 | -10.1 | 1106.0 | 0.4   |     |
|     |   |              | CNT        | 0.0          | 0.1  | 163.4 | -10.1 | 1066.0 | 0.4   |     |
|     |   |              | J          | 0.0          | 0.1  | 169.7 | -10.1 | 1024.3 | 0.3   |     |
|     |   | perm         | I          | 0.0          | 0.2  | 46.3  | -17.6 | 323.0  | 0.8   |     |
|     |   |              | CNT        | 0.0          | 0.2  | 47.8  | -17.6 | 311.2  | 0.7   |     |
|     |   |              | J          | 0.0          | 0.2  | 49.3  | -17.6 | 299.1  | 0.7   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |     |



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|     |              |            |              |      |      |       |       |        |      |
|-----|--------------|------------|--------------|------|------|-------|-------|--------|------|
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 130 | 1            | 1 c mobili | Max I        | 1.5  | 1.2  | 173.5 | 139.5 | 716.3  | 2.0  |
|     |              |            | CNT          | 1.5  | 1.2  | 173.5 | 139.5 | 680.3  | 2.1  |
|     |              |            | J            | 1.5  | 1.2  | 173.5 | 139.5 | 662.1  | 2.2  |
|     |              | Min        | I            | -2.1 | -2.1 | -59.0 | -29.7 | -31.1  | -7.6 |
|     |              |            | CNT          | -2.1 | -2.1 | -59.0 | -29.7 | -31.6  | -7.6 |
|     |              |            | J            | -2.1 | -2.1 | -59.0 | -29.7 | -32.1  | -7.6 |
|     |              | pp         | I            | 0.0  | 0.1  | 170.0 | -10.7 | 1024.3 | 0.4  |
|     |              |            | CNT          | 0.0  | 0.1  | 176.4 | -10.7 | 981.0  | 0.3  |
|     |              |            | J            | 0.0  | 0.1  | 182.8 | -10.7 | 936.1  | 0.3  |
|     |              | perm       | I            | 0.0  | 0.2  | 50.1  | -18.8 | 299.0  | 0.7  |
|     |              |            | CNT          | 0.0  | 0.2  | 51.6  | -18.8 | 286.3  | 0.7  |
|     |              |            | J            | 0.0  | 0.2  | 53.1  | -18.8 | 273.3  | 0.6  |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 131 | 1            | 1 c mobili | Max I        | 1.5  | 1.1  | 179.3 | 145.8 | 662.3  | 1.9  |
|     |              |            | CNT          | 1.5  | 1.1  | 179.3 | 145.8 | 623.2  | 2.0  |
|     |              |            | J            | 1.5  | 1.1  | 179.3 | 145.8 | 603.3  | 2.2  |
|     |              | Min        | I            | -2.1 | -2.2 | -54.9 | -27.4 | -32.1  | -7.2 |
|     |              |            | CNT          | -2.1 | -2.2 | -54.9 | -27.4 | -32.7  | -7.1 |
|     |              |            | J            | -2.1 | -2.2 | -54.9 | -27.4 | -33.2  | -7.0 |
|     |              | pp         | I            | 0.0  | 0.1  | 183.0 | -11.2 | 936.0  | 0.3  |
|     |              |            | CNT          | 0.0  | 0.1  | 189.4 | -11.2 | 889.5  | 0.3  |
|     |              |            | J            | 0.0  | 0.1  | 195.7 | -11.2 | 841.4  | 0.2  |
|     |              | perm       | I            | 0.0  | 0.2  | 53.8  | -19.9 | 273.2  | 0.6  |
|     |              |            | CNT          | 0.0  | 0.2  | 55.3  | -19.9 | 259.6  | 0.6  |
|     |              |            | J            | 0.0  | 0.2  | 56.8  | -19.9 | 245.6  | 0.5  |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 132 | 1            | 1 c mobili | Max I        | 1.4  | 1.1  | 185.5 | 151.6 | 603.5  | 1.9  |
|     |              |            | CNT          | 1.4  | 1.1  | 185.5 | 151.6 | 561.1  | 2.0  |
|     |              |            | J            | 1.4  | 1.1  | 185.5 | 151.6 | 539.5  | 2.1  |
|     |              | Min        | I            | -2.1 | -2.2 | -50.2 | -25.3 | -33.2  | -6.9 |
|     |              |            | CNT          | -2.1 | -2.2 | -50.2 | -25.3 | -33.8  | -6.7 |
|     |              |            | J            | -2.1 | -2.2 | -50.2 | -25.3 | -34.4  | -6.6 |
|     |              | pp         | I            | 0.0  | 0.1  | 195.9 | -11.7 | 841.3  | 0.2  |
|     |              |            | CNT          | 0.0  | 0.1  | 202.3 | -11.7 | 791.5  | 0.2  |
|     |              |            | J            | 0.0  | 0.1  | 208.7 | -11.7 | 740.2  | 0.2  |
|     |              | perm       | I            | 0.0  | 0.2  | 57.6  | -20.9 | 245.5  | 0.6  |
|     |              |            | CNT          | 0.0  | 0.2  | 59.1  | -20.9 | 230.9  | 0.5  |
|     |              |            | J            | 0.0  | 0.2  | 60.6  | -20.9 | 216.0  | 0.4  |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 133 | 1            | 1 c mobili | Max I        | 1.3  | 1.0  | 192.3 | 156.7 | 539.7  | 1.8  |
|     |              |            | CNT          | 1.3  | 1.0  | 192.3 | 156.7 | 493.8  | 1.9  |
|     |              |            | J            | 1.3  | 1.0  | 192.3 | 156.7 | 470.3  | 2.1  |
|     |              | Min        | I            | -2.0 | -2.3 | -44.6 | -27.1 | -34.4  | -6.4 |
|     |              |            | CNT          | -2.0 | -2.3 | -44.6 | -27.1 | -35.1  | -6.2 |
|     |              |            | J            | -2.0 | -2.3 | -44.6 | -27.1 | -35.7  | -6.1 |
|     |              | pp         | I            | -0.0 | 0.1  | 208.8 | -12.0 | 740.1  | 0.2  |
|     |              |            | CNT          | -0.0 | 0.1  | 215.1 | -12.0 | 687.1  | 0.1  |
|     |              |            | J            | -0.0 | 0.1  | 221.5 | -12.0 | 632.5  | 0.1  |
|     |              | perm       | I            | 0.0  | 0.2  | 61.2  | -21.8 | 215.9  | 0.5  |
|     |              |            | CNT          | 0.0  | 0.2  | 62.7  | -21.8 | 200.4  | 0.4  |
|     |              |            | J            | 0.0  | 0.2  | 64.2  | -21.8 | 184.6  | 0.3  |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 134 | 1            | 1 c mobili | Max I        | 1.2  | 0.9  | 199.7 | 161.0 | 470.4  | 1.8  |
|     |              |            | CNT          | 1.2  | 0.9  | 199.7 | 161.0 | 421.0  | 1.9  |
|     |              |            | J            | 1.2  | 0.9  | 199.7 | 161.0 | 395.0  | 2.1  |
|     |              | Min        | I            | -2.0 | -2.3 | -37.9 | -28.9 | -35.8  | -5.8 |
|     |              |            | CNT          | -2.0 | -2.3 | -37.9 | -28.9 | -36.5  | -5.5 |
|     |              |            | J            | -2.0 | -2.3 | -37.9 | -28.9 | -37.2  | -5.3 |
|     |              | pp         | I            | -0.0 | 0.1  | 221.5 | -12.3 | 632.5  | 0.1  |
|     |              |            | CNT          | -0.0 | 0.1  | 227.8 | -12.3 | 576.3  | 0.0  |
|     |              |            | J            | -0.0 | 0.1  | 234.2 | -12.3 | 518.6  | 0.0  |
|     |              | perm       | I            | -0.0 | 0.2  | 64.8  | -22.5 | 184.5  | 0.3  |

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|     |              |            |              |      |      |        |       |       |      |
|-----|--------------|------------|--------------|------|------|--------|-------|-------|------|
|     |              |            | CNT          | -0.0 | 0.2  | 66.3   | -22.5 | 168.1 | 0.3  |
|     |              |            | J            | -0.0 | 0.2  | 67.8   | -22.5 | 151.4 | 0.2  |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |       |      |
| 135 | 1            | 1 c mobili | Max I        | 1.1  | 0.9  | 208.3  | 164.0 | 395.1 | 1.8  |
|     |              |            | CNT          | 1.1  | 0.9  | 208.3  | 164.0 | 343.4 | 1.9  |
|     |              |            | J            | 1.1  | 0.9  | 208.3  | 164.0 | 312.7 | 2.1  |
|     |              | Min        | I            | -1.8 | -2.3 | -29.3  | -30.7 | -37.2 | -5.0 |
|     |              |            | CNT          | -1.8 | -2.3 | -29.3  | -30.7 | -38.1 | -4.7 |
|     |              |            | J            | -1.8 | -2.3 | -29.3  | -30.7 | -38.9 | -4.4 |
|     |              | pp         | I            | -0.1 | 0.1  | 234.0  | -12.3 | 518.5 | -0.0 |
|     |              |            | CNT          | -0.1 | 0.1  | 240.4  | -12.3 | 459.2 | -0.0 |
|     |              |            | J            | -0.1 | 0.1  | 246.8  | -12.3 | 398.3 | -0.0 |
|     |              | perm       | I            | -0.0 | 0.2  | 68.3   | -22.9 | 151.3 | 0.2  |
|     |              |            | CNT          | -0.0 | 0.2  | 69.8   | -22.9 | 134.0 | 0.1  |
|     |              |            | J            | -0.0 | 0.2  | 71.3   | -22.9 | 116.4 | 0.1  |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |       |      |
| 136 | 1            | 1 c mobili | Max I        | 1.0  | 0.9  | 218.7  | 165.4 | 312.8 | 1.8  |
|     |              |            | CNT          | 1.0  | 0.9  | 218.7  | 165.4 | 258.5 | 1.9  |
|     |              |            | J            | 1.0  | 0.9  | 218.7  | 165.4 | 222.0 | 2.1  |
|     |              | Min        | I            | -1.6 | -2.2 | -20.6  | -32.5 | -38.9 | -3.9 |
|     |              |            | CNT          | -1.6 | -2.2 | -20.6  | -32.5 | -39.9 | -3.6 |
|     |              |            | J            | -1.6 | -2.2 | -20.6  | -32.5 | -40.9 | -3.4 |
|     |              | pp         | I            | -0.1 | 0.0  | 246.3  | -12.1 | 398.3 | -0.1 |
|     |              |            | CNT          | -0.1 | 0.0  | 252.7  | -12.1 | 335.9 | -0.1 |
|     |              |            | J            | -0.1 | 0.0  | 259.0  | -12.1 | 271.9 | -0.1 |
|     |              | perm       | I            | -0.1 | 0.2  | 71.5   | -23.0 | 116.4 | 0.1  |
|     |              |            | CNT          | -0.1 | 0.2  | 73.0   | -23.0 | 98.3  | 0.0  |
|     |              |            | J            | -0.1 | 0.2  | 74.5   | -23.0 | 79.9  | -0.0 |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |       |      |
| 137 | 1            | 1 c mobili | Max I        | 1.0  | 1.0  | 231.7  | 164.1 | 222.1 | 1.9  |
|     |              |            | CNT          | 1.0  | 1.0  | 231.7  | 164.1 | 164.5 | 2.0  |
|     |              |            | J            | 1.0  | 1.0  | 231.7  | 164.1 | 120.7 | 2.1  |
|     |              | Min        | I            | -1.3 | -2.0 | -13.9  | -34.2 | -40.9 | -2.8 |
|     |              |            | CNT          | -1.3 | -2.0 | -13.9  | -34.2 | -42.1 | -2.5 |
|     |              |            | J            | -1.3 | -2.0 | -13.9  | -34.2 | -43.3 | -2.2 |
|     |              | pp         | I            | -0.2 | -0.0 | 258.2  | -11.6 | 271.9 | -0.2 |
|     |              |            | CNT          | -0.2 | -0.0 | 264.6  | -11.6 | 206.5 | -0.1 |
|     |              |            | J            | -0.2 | -0.0 | 270.9  | -11.6 | 139.6 | -0.1 |
|     |              | perm       | I            | -0.1 | 0.2  | 74.4   | -22.6 | 79.8  | -0.1 |
|     |              |            | CNT          | -0.1 | 0.2  | 75.9   | -22.6 | 61.0  | -0.1 |
|     |              |            | J            | -0.1 | 0.2  | 77.4   | -22.6 | 41.9  | -0.2 |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |       |      |
| 138 | 1            | 1 c mobili | Max I        | 1.0  | 1.2  | 249.5  | 158.6 | 120.8 | 1.9  |
|     |              |            | CNT          | 1.0  | 1.2  | 249.5  | 158.6 | 66.7  | 1.9  |
|     |              |            | J            | 1.0  | 1.2  | 249.5  | 158.6 | 40.2  | 2.0  |
|     |              | Min        | I            | -1.0 | -1.8 | -7.0   | -36.0 | -43.3 | -1.7 |
|     |              |            | CNT          | -1.0 | -1.8 | -7.0   | -36.0 | -46.7 | -1.5 |
|     |              |            | J            | -1.0 | -1.8 | -7.0   | -36.0 | -61.6 | -1.5 |
|     |              | pp         | I            | -0.2 | -0.1 | 269.5  | -10.5 | 139.5 | -0.2 |
|     |              |            | CNT          | -0.2 | -0.1 | 275.9  | -10.5 | 71.3  | -0.2 |
|     |              |            | J            | -0.2 | -0.1 | 282.3  | -10.5 | 1.6   | -0.1 |
|     |              | perm       | I            | -0.1 | 0.1  | 76.8   | -21.3 | 41.8  | -0.2 |
|     |              |            | CNT          | -0.1 | 0.1  | 78.3   | -21.3 | 22.4  | -0.2 |
|     |              |            | J            | -0.1 | 0.1  | 79.8   | -21.3 | 2.6   | -0.2 |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |       |      |
| 139 | 1            | 1 c mobili | Max I        | 0.8  | 1.3  | 64.6   | 146.4 | 39.7  | 1.5  |
|     |              |            | CNT          | 0.8  | 1.3  | 64.6   | 146.4 | 23.6  | 1.6  |
|     |              |            | J            | 0.8  | 1.3  | 64.6   | 146.4 | 8.4   | 1.7  |
|     |              | Min        | I            | -0.7 | -1.4 | -118.3 | -38.0 | -61.5 | -1.0 |
|     |              |            | CNT          | -0.7 | -1.4 | -118.3 | -38.0 | -31.9 | -1.0 |
|     |              |            | J            | -0.7 | -1.4 | -118.3 | -38.0 | -8.5  | -1.1 |

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|     |   |              |            |                       |      |      |       |       |       |      |
|-----|---|--------------|------------|-----------------------|------|------|-------|-------|-------|------|
|     |   |              | PP         | I                     | -0.2 | -0.1 | -4.9  | -8.6  | 1.5   | -0.1 |
|     |   |              |            | CNT                   | -0.2 | -0.1 | 1.5   | -8.6  | 1.9   | -0.1 |
|     |   |              |            | J                     | -0.2 | -0.1 | 7.9   | -8.6  | 0.8   | -0.1 |
|     |   |              | perm       | I                     | -0.1 | 0.1  | 2.2   | -18.6 | 2.6   | -0.2 |
|     |   |              |            | CNT                   | -0.1 | 0.1  | 3.7   | -18.6 | 1.9   | -0.2 |
|     |   |              |            | J                     | -0.1 | 0.1  | 5.2   | -18.6 | 0.8   | -0.2 |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap          |      |      |       |       |       |      |
| 140 | 2 | 4 c mobili   | Max        | I                     | 1.6  | 0.4  | 112.1 | 20.7  | 66.7  | 1.0  |
|     |   |              |            | CNT                   | 1.6  | 0.4  | 112.1 | 20.7  | 48.0  | 0.9  |
|     |   |              |            | J                     | 1.6  | 0.4  | 112.1 | 20.7  | 36.2  | 0.8  |
|     |   |              | Min        | I                     | -2.2 | -0.4 | -29.4 | -7.9  | -51.5 | -1.2 |
|     |   |              |            | CNT                   | -2.2 | -0.4 | -29.4 | -7.9  | -47.9 | -1.2 |
|     |   |              |            | J                     | -2.2 | -0.4 | -29.4 | -7.9  | -53.4 | -1.1 |
|     |   |              | PP         | I                     | 0.1  | -0.0 | -5.7  | -0.9  | 2.4   | 0.1  |
|     |   |              |            | CNT                   | 0.1  | -0.0 | -5.7  | -0.9  | 4.1   | 0.1  |
|     |   |              |            | J                     | 0.1  | -0.0 | -5.7  | -0.9  | 5.8   | 0.1  |
|     |   |              | perm       | I                     | 0.1  | -0.0 | -11.3 | -1.7  | 1.9   | 0.1  |
|     |   |              |            | CNT                   | 0.1  | -0.0 | -11.3 | -1.7  | 5.3   | 0.1  |
|     |   |              |            | J                     | 0.1  | -0.0 | -11.3 | -1.7  | 8.7   | 0.1  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: traverso cap |      |      |       |       |       |      |
| 141 | 2 | 3 c mobili   | Max        | I                     | 0.4  | 0.2  | 8.8   | 1.2   | 2.3   | 0.4  |
|     |   |              |            | CNT                   | 0.4  | 0.2  | 8.8   | 1.2   | 0.3   | 0.3  |
|     |   |              |            | J                     | 0.4  | 0.2  | 8.8   | 1.2   | 0.6   | 0.3  |
|     |   |              | Min        | I                     | -0.9 | -0.1 | -1.5  | -0.5  | -0.3  | -0.4 |
|     |   |              |            | CNT                   | -0.9 | -0.1 | -1.5  | -0.5  | -0.4  | -0.4 |
|     |   |              |            | J                     | -0.9 | -0.1 | -1.5  | -0.5  | -3.0  | -0.4 |
|     |   |              | PP         | I                     | 0.1  | -0.0 | 0.1   | -0.1  | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.1  | -0.0 | 0.1   | -0.1  | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.1  | -0.0 | 0.1   | -0.1  | -0.0  | 0.0  |
|     |   |              | perm       | I                     | 0.1  | -0.0 | -0.7  | -0.1  | -0.2  | 0.0  |
|     |   |              |            | CNT                   | 0.1  | -0.0 | -0.7  | -0.1  | -0.0  | 0.0  |
|     |   |              |            | J                     | 0.1  | -0.0 | -0.7  | -0.1  | 0.2   | 0.1  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: soletta      |      |      |       |       |       |      |
| 142 | 2 | 3 c mobili   | Max        | I                     | 0.4  | 0.4  | 5.3   | 1.2   | 1.5   | 0.4  |
|     |   |              |            | CNT                   | 0.4  | 0.4  | 5.3   | 1.2   | 0.8   | 0.3  |
|     |   |              |            | J                     | 0.4  | 0.4  | 5.3   | 1.2   | 0.9   | 0.2  |
|     |   |              | Min        | I                     | -0.9 | -0.1 | -0.8  | -0.5  | -0.3  | -0.4 |
|     |   |              |            | CNT                   | -0.9 | -0.1 | -0.8  | -0.5  | -0.8  | -0.4 |
|     |   |              |            | J                     | -0.9 | -0.1 | -0.8  | -0.5  | -2.3  | -0.4 |
|     |   |              | PP         | I                     | 0.1  | -0.0 | 0.1   | -0.1  | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.1  | -0.0 | 0.1   | -0.1  | -0.0  | 0.0  |
|     |   |              |            | J                     | 0.1  | -0.0 | 0.1   | -0.1  | -0.1  | 0.0  |
|     |   |              | perm       | I                     | 0.1  | -0.0 | -0.3  | -0.1  | -0.2  | 0.0  |
|     |   |              |            | CNT                   | 0.1  | -0.0 | -0.3  | -0.1  | -0.1  | 0.0  |
|     |   |              |            | J                     | 0.1  | -0.0 | -0.3  | -0.1  | 0.0   | 0.1  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: soletta      |      |      |       |       |       |      |
| 143 | 2 | 3 c mobili   | Max        | I                     | 0.5  | 0.5  | 3.5   | 1.3   | 1.8   | 0.4  |
|     |   |              |            | CNT                   | 0.5  | 0.5  | 3.5   | 1.3   | 1.4   | 0.3  |
|     |   |              |            | J                     | 0.5  | 0.5  | 3.5   | 1.3   | 1.4   | 0.2  |
|     |   |              | Min        | I                     | -0.9 | -0.1 | -0.6  | -0.4  | -1.1  | -0.4 |
|     |   |              |            | CNT                   | -0.9 | -0.1 | -0.6  | -0.4  | -1.3  | -0.4 |
|     |   |              |            | J                     | -0.9 | -0.1 | -0.6  | -0.4  | -1.8  | -0.4 |
|     |   |              | PP         | I                     | 0.0  | -0.0 | 0.1   | -0.1  | -0.0  | 0.0  |
|     |   |              |            | CNT                   | 0.0  | -0.0 | 0.1   | -0.1  | -0.1  | 0.0  |
|     |   |              |            | J                     | 0.0  | -0.0 | 0.1   | -0.1  | -0.1  | 0.0  |
|     |   |              | perm       | I                     | 0.1  | -0.0 | -0.1  | -0.1  | -0.2  | 0.0  |
|     |   |              |            | CNT                   | 0.1  | -0.0 | -0.1  | -0.1  | -0.2  | 0.1  |
|     |   |              |            | J                     | 0.1  | -0.0 | -0.1  | -0.1  | -0.1  | 0.1  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: soletta      |      |      |       |       |       |      |
| 144 | 2 | 3 c mobili   | Max        | I                     | 0.7  | 0.5  | 2.2   | 1.2   | 2.4   | 0.4  |
|     |   |              |            | CNT                   | 0.7  | 0.5  | 2.2   | 1.2   | 2.0   | 0.3  |

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|     |   |            |            |                  |      |      |      |      |      |     |
|-----|---|------------|------------|------------------|------|------|------|------|------|-----|
|     |   |            | J          | 0.7              | 0.5  | 2.2  | 1.2  | 1.9  | 0.2  |     |
|     |   | Min        | I          | -0.9             | -0.1 | -2.0 | -0.4 | -2.1 | -0.4 |     |
|     |   |            | CNT        | -0.9             | -0.1 | -2.0 | -0.4 | -1.7 | -0.4 |     |
|     |   |            | J          | -0.9             | -0.1 | -2.0 | -0.4 | -1.5 | -0.4 |     |
|     |   | pp         | I          | 0.0              | -0.0 | 0.1  | -0.1 | -0.1 | 0.0  |     |
|     |   |            | CNT        | 0.0              | -0.0 | 0.1  | -0.1 | -0.1 | 0.0  |     |
|     |   |            | J          | 0.0              | -0.0 | 0.1  | -0.1 | -0.1 | 0.0  |     |
|     |   | perm       | I          | 0.0              | -0.0 | 0.0  | -0.1 | -0.2 | 0.0  |     |
|     |   |            | CNT        | 0.0              | -0.0 | 0.0  | -0.1 | -0.2 | 0.1  |     |
|     |   |            | J          | 0.0              | -0.0 | 0.0  | -0.1 | -0.2 | 0.1  |     |
|     |   | acc        | I          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |     |
| 145 | 2 | 3 c mobili | Max        | I                | 0.8  | 0.4  | 2.1  | 1.2  | 3.0  | 0.4 |
|     |   |            |            | CNT              | 0.8  | 0.4  | 2.1  | 1.2  | 2.6  | 0.3 |
|     |   |            |            | J                | 0.8  | 0.4  | 2.1  | 1.2  | 2.4  | 0.2 |
|     |   | Min        | I          | -0.8             | -0.1 | -3.4 | -0.4 | -2.9 | -0.4 |     |
|     |   |            | CNT        | -0.8             | -0.1 | -3.4 | -0.4 | -2.1 | -0.4 |     |
|     |   |            | J          | -0.8             | -0.1 | -3.4 | -0.4 | -1.5 | -0.4 |     |
|     |   | pp         | I          | 0.0              | -0.0 | 0.1  | -0.1 | -0.1 | 0.0  |     |
|     |   |            | CNT        | 0.0              | -0.0 | 0.1  | -0.1 | -0.1 | 0.0  |     |
|     |   |            | J          | 0.0              | -0.0 | 0.1  | -0.1 | -0.2 | 0.0  |     |
|     |   | perm       | I          | 0.0              | -0.0 | 0.1  | -0.1 | -0.3 | 0.0  |     |
|     |   |            | CNT        | 0.0              | -0.0 | 0.1  | -0.1 | -0.3 | 0.0  |     |
|     |   |            | J          | 0.0              | -0.0 | 0.1  | -0.1 | -0.3 | 0.1  |     |
|     |   | acc        | I          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |     |
| 146 | 2 | 3 c mobili | Max        | I                | 0.9  | 0.4  | 2.2  | 1.2  | 3.6  | 0.4 |
|     |   |            |            | CNT              | 0.9  | 0.4  | 2.2  | 1.2  | 3.2  | 0.3 |
|     |   |            |            | J                | 0.9  | 0.4  | 2.2  | 1.2  | 2.9  | 0.2 |
|     |   | Min        | I          | -0.8             | -0.1 | -4.5 | -0.4 | -3.6 | -0.4 |     |
|     |   |            | CNT        | -0.8             | -0.1 | -4.5 | -0.4 | -2.4 | -0.4 |     |
|     |   |            | J          | -0.8             | -0.1 | -4.5 | -0.4 | -1.6 | -0.4 |     |
|     |   | pp         | I          | -0.0             | -0.0 | 0.1  | -0.1 | -0.2 | 0.0  |     |
|     |   |            | CNT        | -0.0             | -0.0 | 0.1  | -0.1 | -0.2 | 0.0  |     |
|     |   |            | J          | -0.0             | -0.0 | 0.1  | -0.1 | -0.2 | 0.0  |     |
|     |   | perm       | I          | 0.0              | -0.0 | 0.2  | -0.1 | -0.3 | 0.0  |     |
|     |   |            | CNT        | 0.0              | -0.0 | 0.2  | -0.1 | -0.4 | 0.0  |     |
|     |   |            | J          | 0.0              | -0.0 | 0.2  | -0.1 | -0.4 | 0.1  |     |
|     |   | acc        | I          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |     |
| 147 | 2 | 3 c mobili | Max        | I                | 0.9  | 0.4  | 2.3  | 1.2  | 4.2  | 0.4 |
|     |   |            |            | CNT              | 0.9  | 0.4  | 2.3  | 1.2  | 3.7  | 0.3 |
|     |   |            |            | J                | 0.9  | 0.4  | 2.3  | 1.2  | 3.4  | 0.2 |
|     |   | Min        | I          | -0.8             | -0.1 | -5.4 | -0.4 | -4.1 | -0.4 |     |
|     |   |            | CNT        | -0.8             | -0.1 | -5.4 | -0.4 | -2.7 | -0.4 |     |
|     |   |            | J          | -0.8             | -0.1 | -5.4 | -0.4 | -1.7 | -0.4 |     |
|     |   | pp         | I          | -0.0             | -0.0 | 0.1  | -0.1 | -0.2 | 0.0  |     |
|     |   |            | CNT        | -0.0             | -0.0 | 0.1  | -0.1 | -0.2 | 0.0  |     |
|     |   |            | J          | -0.0             | -0.0 | 0.1  | -0.1 | -0.2 | 0.0  |     |
|     |   | perm       | I          | -0.0             | -0.0 | 0.3  | -0.1 | -0.3 | 0.0  |     |
|     |   |            | CNT        | -0.0             | -0.0 | 0.3  | -0.1 | -0.4 | 0.0  |     |
|     |   |            | J          | -0.0             | -0.0 | 0.3  | -0.1 | -0.5 | 0.1  |     |
|     |   | acc        | I          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |     |
| 148 | 2 | 3 c mobili | Max        | I                | 0.9  | 0.4  | 2.4  | 1.1  | 4.8  | 0.4 |
|     |   |            |            | CNT              | 0.9  | 0.4  | 2.4  | 1.1  | 4.2  | 0.3 |
|     |   |            |            | J                | 0.9  | 0.4  | 2.4  | 1.1  | 3.9  | 0.2 |
|     |   | Min        | I          | -0.7             | -0.2 | -6.2 | -0.4 | -4.6 | -0.4 |     |
|     |   |            | CNT        | -0.7             | -0.2 | -6.2 | -0.4 | -3.1 | -0.4 |     |
|     |   |            | J          | -0.7             | -0.2 | -6.2 | -0.4 | -1.8 | -0.4 |     |
|     |   | pp         | I          | -0.0             | -0.0 | 0.1  | -0.0 | -0.2 | 0.0  |     |
|     |   |            | CNT        | -0.0             | -0.0 | 0.1  | -0.0 | -0.3 | 0.0  |     |
|     |   |            | J          | -0.0             | -0.0 | 0.1  | -0.0 | -0.3 | 0.0  |     |
|     |   | perm       | I          | -0.0             | -0.0 | 0.4  | -0.1 | -0.4 | 0.0  |     |
|     |   |            | CNT        | -0.0             | -0.0 | 0.4  | -0.1 | -0.5 | 0.0  |     |
|     |   |            | J          | -0.0             | -0.0 | 0.4  | -0.1 | -0.6 | 0.0  |     |
|     |   | acc        | I          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |

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| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|
| 149        | 2 | 3 c mobili | Max              | I   | 0.9  | 0.4  | 2.5  | 1.1  | 5.3  | 0.3  |
|            |   |            |                  | CNT | 0.9  | 0.4  | 2.5  | 1.1  | 4.7  | 0.2  |
|            |   |            |                  | J   | 0.9  | 0.4  | 2.5  | 1.1  | 4.4  | 0.2  |
|            |   |            | Min              | I   | -0.7 | -0.2 | -6.7 | -0.4 | -5.0 | -0.4 |
|            |   |            |                  | CNT | -0.7 | -0.2 | -6.7 | -0.4 | -3.3 | -0.4 |
|            |   |            |                  | J   | -0.7 | -0.2 | -6.7 | -0.4 | -2.0 | -0.3 |
|            |   |            | PP               | I   | -0.0 | -0.0 | 0.1  | -0.0 | -0.3 | 0.0  |
|            |   |            |                  | CNT | -0.0 | -0.0 | 0.1  | -0.0 | -0.3 | 0.0  |
|            |   |            |                  | J   | -0.0 | -0.0 | 0.1  | -0.0 | -0.3 | 0.0  |
|            |   |            | perm             | I   | -0.0 | -0.0 | 0.4  | -0.1 | -0.4 | 0.0  |
|            |   |            |                  | CNT | -0.0 | -0.0 | 0.4  | -0.1 | -0.6 | 0.0  |
|            |   |            |                  | J   | -0.0 | -0.0 | 0.4  | -0.1 | -0.7 | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|
| 150        | 2 | 3 c mobili | Max              | I   | 0.9  | 0.4  | 2.6  | 1.0  | 5.7  | 0.3  |
|            |   |            |                  | CNT | 0.9  | 0.4  | 2.6  | 1.0  | 5.1  | 0.2  |
|            |   |            |                  | J   | 0.9  | 0.4  | 2.6  | 1.0  | 4.8  | 0.2  |
|            |   |            | Min              | I   | -0.7 | -0.2 | -7.2 | -0.3 | -5.4 | -0.4 |
|            |   |            |                  | CNT | -0.7 | -0.2 | -7.2 | -0.3 | -3.6 | -0.4 |
|            |   |            |                  | J   | -0.7 | -0.2 | -7.2 | -0.3 | -2.1 | -0.3 |
|            |   |            | PP               | I   | -0.0 | 0.0  | 0.1  | -0.0 | -0.3 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.1  | -0.0 | -0.3 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.1  | -0.0 | -0.4 | 0.0  |
|            |   |            | perm             | I   | -0.0 | -0.0 | 0.5  | -0.1 | -0.5 | 0.0  |
|            |   |            |                  | CNT | -0.0 | -0.0 | 0.5  | -0.1 | -0.6 | 0.0  |
|            |   |            |                  | J   | -0.0 | -0.0 | 0.5  | -0.1 | -0.8 | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|
| 151        | 2 | 3 c mobili | Max              | I   | 0.9  | 0.3  | 2.7  | 1.0  | 6.1  | 0.3  |
|            |   |            |                  | CNT | 0.9  | 0.3  | 2.7  | 1.0  | 5.5  | 0.2  |
|            |   |            |                  | J   | 0.9  | 0.3  | 2.7  | 1.0  | 5.2  | 0.2  |
|            |   |            | Min              | I   | -0.7 | -0.2 | -7.7 | -0.3 | -5.7 | -0.4 |
|            |   |            |                  | CNT | -0.7 | -0.2 | -7.7 | -0.3 | -3.8 | -0.4 |
|            |   |            |                  | J   | -0.7 | -0.2 | -7.7 | -0.3 | -2.3 | -0.3 |
|            |   |            | PP               | I   | -0.0 | 0.0  | 0.1  | -0.0 | -0.3 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.1  | -0.0 | -0.4 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.1  | -0.0 | -0.4 | 0.0  |
|            |   |            | perm             | I   | -0.0 | -0.0 | 0.5  | -0.1 | -0.5 | 0.0  |
|            |   |            |                  | CNT | -0.0 | -0.0 | 0.5  | -0.1 | -0.7 | 0.0  |
|            |   |            |                  | J   | -0.0 | -0.0 | 0.5  | -0.1 | -0.8 | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|
| 152        | 2 | 3 c mobili | Max              | I   | 0.9  | 0.3  | 2.8  | 0.9  | 6.5  | 0.3  |
|            |   |            |                  | CNT | 0.9  | 0.3  | 2.8  | 0.9  | 5.8  | 0.2  |
|            |   |            |                  | J   | 0.9  | 0.3  | 2.8  | 0.9  | 5.5  | 0.1  |
|            |   |            | Min              | I   | -0.7 | -0.2 | -8.0 | -0.3 | -5.9 | -0.4 |
|            |   |            |                  | CNT | -0.7 | -0.2 | -8.0 | -0.3 | -4.0 | -0.4 |
|            |   |            |                  | J   | -0.7 | -0.2 | -8.0 | -0.3 | -2.4 | -0.3 |
|            |   |            | PP               | I   | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |
|            |   |            | perm             | I   | -0.0 | 0.0  | 0.6  | -0.1 | -0.5 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.6  | -0.1 | -0.7 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.6  | -0.1 | -0.9 | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|
| 153        | 2 | 3 c mobili | Max              | I   | 0.9  | 0.3  | 2.9  | 0.9  | 6.8  | 0.3  |
|            |   |            |                  | CNT | 0.9  | 0.3  | 2.9  | 0.9  | 6.1  | 0.2  |
|            |   |            |                  | J   | 0.9  | 0.3  | 2.9  | 0.9  | 5.8  | 0.1  |
|            |   |            | Min              | I   | -0.7 | -0.2 | -8.3 | -0.3 | -6.1 | -0.4 |
|            |   |            |                  | CNT | -0.7 | -0.2 | -8.3 | -0.3 | -4.2 | -0.3 |
|            |   |            |                  | J   | -0.7 | -0.2 | -8.3 | -0.3 | -2.6 | -0.3 |
|            |   |            | PP               | I   | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |
|            |   |            | perm             | I   | -0.0 | 0.0  | 0.6  | -0.1 | -0.6 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.6  | -0.1 | -0.8 | 0.0  |

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|     |            |            |                  |      |      |      |      |      |      |     |
|-----|------------|------------|------------------|------|------|------|------|------|------|-----|
|     |            |            | J                | -0.0 | 0.0  | 0.6  | -0.1 | -0.9 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 154 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.3  | 3.0  | 0.8  | 7.1  | 0.3 |
|     |            |            |                  | CNT  | 0.9  | 0.3  | 3.0  | 0.8  | 6.4  | 0.2 |
|     |            |            |                  | J    | 0.9  | 0.3  | 3.0  | 0.8  | 6.1  | 0.1 |
|     |            | Min        | I                | -0.7 | -0.2 | -8.6 | -0.3 | -6.3 | -0.4 |     |
|     |            |            | CNT              | -0.7 | -0.2 | -8.6 | -0.3 | -4.4 | -0.3 |     |
|     |            |            | J                | -0.7 | -0.2 | -8.6 | -0.3 | -2.7 | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.6  | -0.1 | -0.6 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.6  | -0.1 | -0.8 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.6  | -0.1 | -1.0 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 155 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.3  | 3.0  | 0.8  | 7.4  | 0.3 |
|     |            |            |                  | CNT  | 0.9  | 0.3  | 3.0  | 0.8  | 6.6  | 0.2 |
|     |            |            |                  | J    | 0.9  | 0.3  | 3.0  | 0.8  | 6.3  | 0.2 |
|     |            | Min        | I                | -0.7 | -0.2 | -8.8 | -0.2 | -6.5 | -0.4 |     |
|     |            |            | CNT              | -0.7 | -0.2 | -8.8 | -0.2 | -4.6 | -0.3 |     |
|     |            |            | J                | -0.7 | -0.2 | -8.8 | -0.2 | -2.8 | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.7  | -0.1 | -0.6 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.7  | -0.1 | -0.8 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.7  | -0.1 | -1.0 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 156 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.3  | 3.1  | 0.7  | 7.6  | 0.3 |
|     |            |            |                  | CNT  | 0.9  | 0.3  | 3.1  | 0.7  | 6.8  | 0.2 |
|     |            |            |                  | J    | 0.9  | 0.3  | 3.1  | 0.7  | 6.5  | 0.2 |
|     |            | Min        | I                | -0.7 | -0.2 | -9.0 | -0.2 | -6.7 | -0.4 |     |
|     |            |            | CNT              | -0.7 | -0.2 | -9.0 | -0.2 | -4.7 | -0.3 |     |
|     |            |            | J                | -0.7 | -0.2 | -9.0 | -0.2 | -2.9 | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.2  | -0.0 | -0.6 | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.7  | -0.0 | -0.7 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.7  | -0.0 | -0.9 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.7  | -0.0 | -1.1 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 157 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.3  | 3.1  | 0.6  | 7.8  | 0.3 |
|     |            |            |                  | CNT  | 0.9  | 0.3  | 3.1  | 0.6  | 7.0  | 0.2 |
|     |            |            |                  | J    | 0.9  | 0.3  | 3.1  | 0.6  | 6.7  | 0.2 |
|     |            | Min        | I                | -0.7 | -0.2 | -9.2 | -0.2 | -6.9 | -0.4 |     |
|     |            |            | CNT              | -0.7 | -0.2 | -9.2 | -0.2 | -4.8 | -0.3 |     |
|     |            |            | J                | -0.7 | -0.2 | -9.2 | -0.2 | -3.0 | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.2  | -0.0 | -0.4 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.2  | -0.0 | -0.5 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.2  | -0.0 | -0.6 | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.7  | -0.0 | -0.7 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.7  | -0.0 | -0.9 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.7  | -0.0 | -1.1 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 158 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.3  | 3.2  | 0.6  | 7.9  | 0.3 |
|     |            |            |                  | CNT  | 0.9  | 0.3  | 3.2  | 0.6  | 7.2  | 0.2 |
|     |            |            |                  | J    | 0.9  | 0.3  | 3.2  | 0.6  | 6.9  | 0.2 |
|     |            | Min        | I                | -0.7 | -0.2 | -9.3 | -0.2 | -7.0 | -0.4 |     |
|     |            |            | CNT              | -0.7 | -0.2 | -9.3 | -0.2 | -4.9 | -0.3 |     |
|     |            |            | J                | -0.7 | -0.2 | -9.3 | -0.2 | -3.0 | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.3  | -0.0 | -0.5 | 0.0  |     |

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|     |            |                |                  |      |      |      |      |      |      |
|-----|------------|----------------|------------------|------|------|------|------|------|------|
|     |            |                | CNT              | -0.0 | 0.0  | 0.3  | -0.0 | -0.5 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.7  | -0.0 | -0.7 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.7  | -0.0 | -0.9 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.7  | -0.0 | -1.1 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 159 | 2          | 3 c mobili Max | I                | 0.9  | 0.3  | 3.2  | 0.5  | 8.1  | 0.3  |
|     |            |                | CNT              | 0.9  | 0.3  | 3.2  | 0.5  | 7.3  | 0.2  |
|     |            |                | J                | 0.9  | 0.3  | 3.2  | 0.5  | 7.0  | 0.2  |
|     |            | Min            | I                | -0.7 | -0.2 | -9.4 | -0.2 | -7.1 | -0.3 |
|     |            |                | CNT              | -0.7 | -0.2 | -9.4 | -0.2 | -5.0 | -0.3 |
|     |            |                | J                | -0.7 | -0.2 | -9.4 | -0.2 | -3.1 | -0.3 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.3  | -0.0 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.3  | -0.0 | -0.5 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.7  | -0.0 | -0.7 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.7  | -0.0 | -0.9 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.7  | -0.0 | -1.2 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 160 | 2          | 3 c mobili Max | I                | 0.9  | 0.3  | 3.2  | 0.5  | 8.1  | 0.3  |
|     |            |                | CNT              | 0.9  | 0.3  | 3.2  | 0.5  | 7.4  | 0.2  |
|     |            |                | J                | 0.9  | 0.3  | 3.2  | 0.5  | 7.1  | 0.2  |
|     |            | Min            | I                | -0.7 | -0.2 | -9.5 | -0.2 | -7.2 | -0.3 |
|     |            |                | CNT              | -0.7 | -0.2 | -9.5 | -0.2 | -5.0 | -0.3 |
|     |            |                | J                | -0.7 | -0.2 | -9.5 | -0.2 | -3.1 | -0.3 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.3  | -0.0 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.8  | -0.0 | -0.7 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.8  | -0.0 | -0.9 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.8  | -0.0 | -1.2 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 161 | 2          | 3 c mobili Max | I                | 0.9  | 0.3  | 3.3  | 0.4  | 8.2  | 0.3  |
|     |            |                | CNT              | 0.9  | 0.3  | 3.3  | 0.4  | 7.4  | 0.2  |
|     |            |                | J                | 0.9  | 0.3  | 3.3  | 0.4  | 7.1  | 0.2  |
|     |            | Min            | I                | -0.7 | -0.2 | -9.5 | -0.3 | -7.2 | -0.3 |
|     |            |                | CNT              | -0.7 | -0.2 | -9.5 | -0.3 | -5.0 | -0.3 |
|     |            |                | J                | -0.7 | -0.2 | -9.5 | -0.3 | -3.2 | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.3  | -0.0 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.8  | -0.0 | -0.7 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.8  | -0.0 | -1.0 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.8  | -0.0 | -1.2 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 162 | 2          | 3 c mobili Max | I                | 0.9  | 0.3  | 3.3  | 0.4  | 8.2  | 0.3  |
|     |            |                | CNT              | 0.9  | 0.3  | 3.3  | 0.4  | 7.5  | 0.3  |
|     |            |                | J                | 0.9  | 0.3  | 3.3  | 0.4  | 7.2  | 0.2  |
|     |            | Min            | I                | -0.7 | -0.2 | -9.6 | -0.3 | -7.3 | -0.3 |
|     |            |                | CNT              | -0.7 | -0.2 | -9.6 | -0.3 | -5.1 | -0.3 |
|     |            |                | J                | -0.7 | -0.2 | -9.6 | -0.3 | -3.2 | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.3  | -0.0 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.3  | -0.0 | -0.6 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.8  | -0.0 | -0.7 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.8  | -0.0 | -1.0 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.8  | -0.0 | -1.2 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 163 | 2          | 3 c mobili Max | I                | 0.9  | 0.3  | 3.3  | 0.3  | 8.2  | 0.3  |
|     |            |                | CNT              | 0.9  | 0.3  | 3.3  | 0.3  | 7.5  | 0.3  |
|     |            |                | J                | 0.9  | 0.3  | 3.3  | 0.3  | 7.2  | 0.2  |

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|     |   |            |            |                  |      |      |      |      |      |      |
|-----|---|------------|------------|------------------|------|------|------|------|------|------|
|     |   |            | Min        | I                | -0.7 | -0.3 | -9.6 | -0.3 | -7.3 | -0.3 |
|     |   |            |            | CNT              | -0.7 | -0.3 | -9.6 | -0.3 | -5.1 | -0.3 |
|     |   |            |            | J                | -0.7 | -0.3 | -9.6 | -0.3 | -3.2 | -0.2 |
|     |   | pp         |            | I                | -0.0 | 0.0  | 0.3  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.3  | 0.0  | -0.6 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | 0.3  | 0.0  | -0.6 | 0.0  |
|     |   | perm       |            | I                | -0.0 | 0.0  | 0.8  | 0.0  | -0.7 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.8  | 0.0  | -1.0 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | 0.8  | 0.0  | -1.2 | 0.0  |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 164 | 2 | 3 c mobili | Max        | I                | 0.9  | 0.2  | 3.3  | 0.3  | 8.2  | 0.3  |
|     |   |            |            | CNT              | 0.9  | 0.2  | 3.3  | 0.3  | 7.5  | 0.3  |
|     |   |            |            | J                | 0.9  | 0.2  | 3.3  | 0.3  | 7.2  | 0.2  |
|     |   |            | Min        | I                | -0.7 | -0.3 | -9.6 | -0.4 | -7.3 | -0.3 |
|     |   |            |            | CNT              | -0.7 | -0.3 | -9.6 | -0.4 | -5.1 | -0.3 |
|     |   |            |            | J                | -0.7 | -0.3 | -9.6 | -0.4 | -3.2 | -0.2 |
|     |   | pp         |            | I                | -0.0 | -0.0 | 0.3  | 0.0  | -0.5 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |
|     |   | perm       |            | I                | -0.0 | -0.0 | 0.8  | 0.0  | -0.7 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.8  | 0.0  | -1.0 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.8  | 0.0  | -1.2 | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 165 | 2 | 3 c mobili | Max        | I                | 0.9  | 0.2  | 3.3  | 0.3  | 8.2  | 0.3  |
|     |   |            |            | CNT              | 0.9  | 0.2  | 3.3  | 0.3  | 7.4  | 0.3  |
|     |   |            |            | J                | 0.9  | 0.2  | 3.3  | 0.3  | 7.1  | 0.2  |
|     |   |            | Min        | I                | -0.7 | -0.3 | -9.5 | -0.4 | -7.2 | -0.3 |
|     |   |            |            | CNT              | -0.7 | -0.3 | -9.5 | -0.4 | -5.0 | -0.2 |
|     |   |            |            | J                | -0.7 | -0.3 | -9.5 | -0.4 | -3.2 | -0.2 |
|     |   | pp         |            | I                | -0.0 | -0.0 | 0.3  | 0.0  | -0.5 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |
|     |   | perm       |            | I                | -0.0 | -0.0 | 0.8  | 0.0  | -0.7 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.8  | 0.0  | -1.0 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.8  | 0.0  | -1.2 | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 166 | 2 | 3 c mobili | Max        | I                | 0.9  | 0.2  | 3.2  | 0.2  | 8.1  | 0.3  |
|     |   |            |            | CNT              | 0.9  | 0.2  | 3.2  | 0.2  | 7.4  | 0.3  |
|     |   |            |            | J                | 0.9  | 0.2  | 3.2  | 0.2  | 7.1  | 0.3  |
|     |   |            | Min        | I                | -0.7 | -0.3 | -9.5 | -0.5 | -7.2 | -0.3 |
|     |   |            |            | CNT              | -0.7 | -0.3 | -9.5 | -0.5 | -5.0 | -0.2 |
|     |   |            |            | J                | -0.7 | -0.3 | -9.5 | -0.5 | -3.1 | -0.2 |
|     |   | pp         |            | I                | -0.0 | -0.0 | 0.3  | 0.0  | -0.5 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |
|     |   | perm       |            | I                | -0.0 | -0.0 | 0.8  | 0.0  | -0.7 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.8  | 0.0  | -0.9 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.8  | 0.0  | -1.2 | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 167 | 2 | 3 c mobili | Max        | I                | 0.9  | 0.2  | 3.2  | 0.2  | 8.1  | 0.3  |
|     |   |            |            | CNT              | 0.9  | 0.2  | 3.2  | 0.2  | 7.3  | 0.3  |
|     |   |            |            | J                | 0.9  | 0.2  | 3.2  | 0.2  | 7.0  | 0.3  |
|     |   |            | Min        | I                | -0.7 | -0.3 | -9.4 | -0.5 | -7.1 | -0.3 |
|     |   |            |            | CNT              | -0.7 | -0.3 | -9.4 | -0.5 | -5.0 | -0.2 |
|     |   |            |            | J                | -0.7 | -0.3 | -9.4 | -0.5 | -3.1 | -0.2 |
|     |   | pp         |            | I                | -0.0 | -0.0 | 0.3  | 0.0  | -0.5 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.3  | 0.0  | -0.5 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |
|     |   | perm       |            | I                | -0.0 | -0.0 | 0.7  | 0.0  | -0.7 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | 0.7  | 0.0  | -0.9 | -0.0 |
|     |   |            |            | J                | -0.0 | -0.0 | 0.7  | 0.0  | -1.2 | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



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|            |      |            |                  |      |            |                  |      |      |      |      |      |     |     |
|------------|------|------------|------------------|------|------------|------------------|------|------|------|------|------|-----|-----|
| Length = 2 |      | Type: Beam | Section: soletta |      |            |                  |      |      |      |      |      |     |     |
| 168        | 2    | 3 c mobili | Max              | I    | 0.9        | 0.2              | 3.2  | 0.2  | 7.9  | 0.4  |      |     |     |
|            |      |            |                  | CNT  | 0.9        | 0.2              | 3.2  | 0.2  | 7.2  | 0.3  |      |     |     |
|            |      |            |                  | J    | 0.9        | 0.2              | 3.2  | 0.2  | 6.9  | 0.3  |      |     |     |
|            |      |            | Min              | I    | -0.7       | -0.3             | -9.3 | -0.6 | -7.0 | -0.3 |      |     |     |
|            |      |            |                  | CNT  | -0.7       | -0.3             | -9.3 | -0.6 | -4.9 | -0.2 |      |     |     |
|            |      |            |                  | J    | -0.7       | -0.3             | -9.3 | -0.6 | -3.0 | -0.2 |      |     |     |
|            |      |            |                  | PP   | I          | -0.0             | -0.0 | 0.3  | 0.0  | -0.5 | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0 | 0.3  | 0.0  | -0.5 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0 | 0.3  | 0.0  | -0.6 | -0.0 |     |     |
|            |      |            |                  | perm | I          | -0.0             | -0.0 | 0.7  | 0.0  | -0.7 | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0 | 0.7  | 0.0  | -0.9 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0 | 0.7  | 0.0  | -1.1 | -0.0 |     |     |
|            |      |            |                  | acc  | I          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | CNT        | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | J          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |      |      |      |      |      |     |     |
|            |      |            | 169              | 2    | 3 c mobili | Max              | I    | 0.9  | 0.2  | 3.1  | 0.2  | 7.8 | 0.4 |
|            |      |            |                  |      |            |                  | CNT  | 0.9  | 0.2  | 3.1  | 0.2  | 7.0 | 0.3 |
|            | J    | 0.9        |                  |      |            | 0.2              | 3.1  | 0.2  | 6.7  | 0.3  |      |     |     |
| Min        | I    | -0.7       |                  |      |            | -0.3             | -9.2 | -0.6 | -6.9 | -0.3 |      |     |     |
|            | CNT  | -0.7       |                  |      |            | -0.3             | -9.2 | -0.6 | -4.8 | -0.2 |      |     |     |
|            | J    | -0.7       |                  |      |            | -0.3             | -9.2 | -0.6 | -3.0 | -0.2 |      |     |     |
|            | PP   | I          |                  |      |            | -0.0             | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |     |
|            |      | CNT        |                  |      |            | -0.0             | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |     |
|            |      | J          |                  |      |            | -0.0             | -0.0 | 0.2  | 0.0  | -0.6 | -0.0 |     |     |
|            | perm | I          |                  |      |            | -0.0             | -0.0 | 0.7  | 0.0  | -0.7 | -0.0 |     |     |
|            |      | CNT        |                  |      |            | -0.0             | -0.0 | 0.7  | 0.0  | -0.9 | -0.0 |     |     |
|            |      | J          |                  |      |            | -0.0             | -0.0 | 0.7  | 0.0  | -1.1 | -0.0 |     |     |
|            | acc  | I          |                  |      |            | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | CNT        |                  |      |            | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | J          |                  |      |            | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |      |      |      |      |      |     |     |
| 170        | 2    | 3 c mobili |                  |      |            | Max              | I    | 0.9  | 0.2  | 3.1  | 0.2  | 7.6 | 0.4 |
|            |      |            |                  |      |            |                  | CNT  | 0.9  | 0.2  | 3.1  | 0.2  | 6.8 | 0.3 |
|            |      |            |                  | J    | 0.9        | 0.2              | 3.1  | 0.2  | 6.5  | 0.3  |      |     |     |
|            |      |            | Min              | I    | -0.7       | -0.3             | -9.0 | -0.7 | -6.7 | -0.3 |      |     |     |
|            |      |            |                  | CNT  | -0.7       | -0.3             | -9.0 | -0.7 | -4.7 | -0.2 |      |     |     |
|            |      |            |                  | J    | -0.7       | -0.3             | -9.0 | -0.7 | -2.9 | -0.2 |      |     |     |
|            |      |            |                  | PP   | I          | -0.0             | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0 | 0.2  | 0.0  | -0.6 | -0.0 |     |     |
|            |      |            |                  | perm | I          | -0.0             | -0.0 | 0.7  | 0.0  | -0.7 | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0 | 0.7  | 0.0  | -0.9 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0 | 0.7  | 0.0  | -1.1 | -0.0 |     |     |
|            |      |            |                  | acc  | I          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | CNT        | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            |                  |      | J          | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |      |      |      |      |      |     |     |
|            |      |            | 171              | 2    | 3 c mobili | Max              | I    | 0.9  | 0.2  | 3.0  | 0.2  | 7.4 | 0.4 |
|            |      |            |                  |      |            |                  | CNT  | 0.9  | 0.2  | 3.0  | 0.2  | 6.6 | 0.3 |
|            | J    | 0.9        |                  |      |            | 0.2              | 3.0  | 0.2  | 6.3  | 0.3  |      |     |     |
| Min        | I    | -0.7       |                  |      |            | -0.3             | -8.8 | -0.8 | -6.5 | -0.3 |      |     |     |
|            | CNT  | -0.7       |                  |      |            | -0.3             | -8.8 | -0.8 | -4.6 | -0.2 |      |     |     |
|            | J    | -0.7       |                  |      |            | -0.3             | -8.8 | -0.8 | -2.8 | -0.2 |      |     |     |
|            | PP   | I          |                  |      |            | -0.0             | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |     |
|            |      | CNT        |                  |      |            | -0.0             | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |     |
|            |      | J          |                  |      |            | -0.0             | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |     |
|            | perm | I          |                  |      |            | -0.0             | -0.0 | 0.7  | 0.1  | -0.6 | -0.0 |     |     |
|            |      | CNT        |                  |      |            | -0.0             | -0.0 | 0.7  | 0.1  | -0.8 | -0.0 |     |     |
|            |      | J          |                  |      |            | -0.0             | -0.0 | 0.7  | 0.1  | -1.0 | -0.0 |     |     |
|            | acc  | I          |                  |      |            | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | CNT        |                  |      |            | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
|            |      | J          |                  |      |            | 0.0              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |      |      |      |      |      |     |     |
| 172        | 2    | 3 c mobili |                  |      |            | Max              | I    | 0.9  | 0.2  | 3.0  | 0.3  | 7.1 | 0.4 |
|            |      |            |                  |      |            |                  | CNT  | 0.9  | 0.2  | 3.0  | 0.3  | 6.4 | 0.3 |
|            |      |            |                  | J    | 0.9        | 0.2              | 3.0  | 0.3  | 6.1  | 0.3  |      |     |     |
|            |      |            | Min              | I    | -0.7       | -0.3             | -8.6 | -0.8 | -6.3 | -0.3 |      |     |     |
|            |      |            |                  | CNT  | -0.7       | -0.3             | -8.6 | -0.8 | -4.4 | -0.2 |      |     |     |
|            |      |            |                  | J    | -0.7       | -0.3             | -8.6 | -0.8 | -2.7 | -0.1 |      |     |     |
|            |      |            |                  | PP   | I          | -0.0             | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |     |
|            |      |            |                  | perm | I          | -0.0             | -0.0 | 0.6  | 0.1  | -0.6 | -0.0 |     |     |
|            |      |            |                  |      | CNT        | -0.0             | -0.0 | 0.6  | 0.1  | -0.8 | -0.0 |     |     |
|            |      |            |                  |      | J          | -0.0             | -0.0 | 0.6  | 0.1  | -1.0 | -0.0 |     |     |

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|     |            |            |                  |      |      |      |      |      |      |     |
|-----|------------|------------|------------------|------|------|------|------|------|------|-----|
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 173 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.2  | 2.9  | 0.3  | 6.8  | 0.4 |
|     |            |            |                  | CNT  | 0.9  | 0.2  | 2.9  | 0.3  | 6.1  | 0.3 |
|     |            |            |                  | J    | 0.9  | 0.2  | 2.9  | 0.3  | 5.8  | 0.3 |
|     |            | Min        | I                | -0.7 | -0.3 | -8.3 | -0.9 | -6.1 | -0.3 |     |
|     |            |            | CNT              | -0.7 | -0.3 | -8.3 | -0.9 | -4.2 | -0.2 |     |
|     |            |            | J                | -0.7 | -0.3 | -8.3 | -0.9 | -2.6 | -0.1 |     |
|     |            | pp         | I                | -0.0 | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |
|     |            |            | CNT              | -0.0 | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |
|     |            |            | J                | -0.0 | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |
|     |            | perm       | I                | -0.0 | -0.0 | 0.6  | 0.1  | -0.6 | -0.0 |     |
|     |            |            | CNT              | -0.0 | -0.0 | 0.6  | 0.1  | -0.8 | -0.0 |     |
|     |            |            | J                | -0.0 | -0.0 | 0.6  | 0.1  | -0.9 | -0.0 |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 174 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.2  | 2.8  | 0.3  | 6.5  | 0.4 |
|     |            |            |                  | CNT  | 0.9  | 0.2  | 2.8  | 0.3  | 5.8  | 0.4 |
|     |            |            |                  | J    | 0.9  | 0.2  | 2.8  | 0.3  | 5.5  | 0.3 |
|     |            | Min        | I                | -0.7 | -0.3 | -8.0 | -0.9 | -5.9 | -0.3 |     |
|     |            |            | CNT              | -0.7 | -0.3 | -8.0 | -0.9 | -4.0 | -0.2 |     |
|     |            |            | J                | -0.7 | -0.3 | -8.0 | -0.9 | -2.4 | -0.1 |     |
|     |            | pp         | I                | -0.0 | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |
|     |            |            | CNT              | -0.0 | -0.0 | 0.2  | 0.0  | -0.4 | -0.0 |     |
|     |            |            | J                | -0.0 | -0.0 | 0.2  | 0.0  | -0.5 | -0.0 |     |
|     |            | perm       | I                | -0.0 | -0.0 | 0.6  | 0.1  | -0.5 | -0.0 |     |
|     |            |            | CNT              | -0.0 | -0.0 | 0.6  | 0.1  | -0.7 | -0.0 |     |
|     |            |            | J                | -0.0 | -0.0 | 0.6  | 0.1  | -0.9 | -0.0 |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 175 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.2  | 2.7  | 0.3  | 6.1  | 0.4 |
|     |            |            |                  | CNT  | 0.9  | 0.2  | 2.7  | 0.3  | 5.5  | 0.4 |
|     |            |            |                  | J    | 0.9  | 0.2  | 2.7  | 0.3  | 5.2  | 0.3 |
|     |            | Min        | I                | -0.7 | -0.3 | -7.7 | -1.0 | -5.7 | -0.3 |     |
|     |            |            | CNT              | -0.7 | -0.3 | -7.7 | -1.0 | -3.8 | -0.2 |     |
|     |            |            | J                | -0.7 | -0.3 | -7.7 | -1.0 | -2.3 | -0.2 |     |
|     |            | pp         | I                | -0.0 | -0.0 | 0.1  | 0.0  | -0.3 | -0.0 |     |
|     |            |            | CNT              | -0.0 | -0.0 | 0.1  | 0.0  | -0.4 | -0.0 |     |
|     |            |            | J                | -0.0 | -0.0 | 0.1  | 0.0  | -0.4 | -0.0 |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.5  | 0.1  | -0.5 | -0.0 |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.5  | 0.1  | -0.7 | -0.0 |     |
|     |            |            | J                | -0.0 | 0.0  | 0.5  | 0.1  | -0.8 | -0.0 |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 176 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.2  | 2.6  | 0.3  | 5.7  | 0.4 |
|     |            |            |                  | CNT  | 0.9  | 0.2  | 2.6  | 0.3  | 5.1  | 0.4 |
|     |            |            |                  | J    | 0.9  | 0.2  | 2.6  | 0.3  | 4.8  | 0.3 |
|     |            | Min        | I                | -0.7 | -0.4 | -7.2 | -1.0 | -5.4 | -0.3 |     |
|     |            |            | CNT              | -0.7 | -0.4 | -7.2 | -1.0 | -3.6 | -0.2 |     |
|     |            |            | J                | -0.7 | -0.4 | -7.2 | -1.0 | -2.1 | -0.2 |     |
|     |            | pp         | I                | -0.0 | -0.0 | 0.1  | 0.0  | -0.3 | -0.0 |     |
|     |            |            | CNT              | -0.0 | -0.0 | 0.1  | 0.0  | -0.3 | -0.0 |     |
|     |            |            | J                | -0.0 | -0.0 | 0.1  | 0.0  | -0.4 | -0.0 |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.5  | 0.1  | -0.5 | -0.0 |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.5  | 0.1  | -0.6 | -0.0 |     |
|     |            |            | J                | -0.0 | 0.0  | 0.5  | 0.1  | -0.8 | -0.0 |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |     |
| 177 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.2  | 2.5  | 0.4  | 5.3  | 0.4 |
|     |            |            |                  | CNT  | 0.9  | 0.2  | 2.5  | 0.4  | 4.7  | 0.4 |
|     |            |            |                  | J    | 0.9  | 0.2  | 2.5  | 0.4  | 4.4  | 0.3 |
|     |            | Min        | I                | -0.7 | -0.4 | -6.7 | -1.1 | -5.0 | -0.3 |     |
|     |            |            | CNT              | -0.7 | -0.4 | -6.7 | -1.1 | -3.3 | -0.2 |     |
|     |            |            | J                | -0.7 | -0.4 | -6.7 | -1.1 | -2.0 | -0.2 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.1  | 0.0  | -0.3 | -0.0 |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.1  | 0.0  | -0.3 | -0.0 |     |

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|     |            |            |                  |      |      |      |      |      |      |      |
|-----|------------|------------|------------------|------|------|------|------|------|------|------|
|     |            |            | J                | -0.0 | 0.0  | 0.1  | 0.0  | -0.3 | -0.0 |      |
|     |            | perm       | I                | -0.0 | 0.0  | 0.4  | 0.1  | -0.4 | -0.0 |      |
|     |            |            | CNT              | -0.0 | 0.0  | 0.4  | 0.1  | -0.6 | -0.0 |      |
|     |            |            | J                | -0.0 | 0.0  | 0.4  | 0.1  | -0.7 | -0.0 |      |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 178 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.2  | 2.4  | 0.4  | 4.8  | 0.4  |
|     |            |            |                  | CNT  | 0.9  | 0.2  | 2.4  | 0.4  | 4.2  | 0.4  |
|     |            |            |                  | J    | 0.9  | 0.2  | 2.4  | 0.4  | 3.9  | 0.4  |
|     |            | Min        | I                | -0.7 | -0.4 | -6.2 | -1.1 | -4.6 | -0.4 | -0.4 |
|     |            |            | CNT              | -0.7 | -0.4 | -6.2 | -1.1 | -3.1 | -0.3 | -0.3 |
|     |            |            | J                | -0.7 | -0.4 | -6.2 | -1.1 | -1.8 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | 0.1  | 0.0  | -0.2 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | 0.1  | 0.0  | -0.3 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | 0.1  | 0.0  | -0.3 | -0.0 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | 0.4  | 0.1  | -0.4 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | 0.4  | 0.1  | -0.5 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | 0.4  | 0.1  | -0.6 | -0.0 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 179 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.1  | 2.3  | 0.4  | 4.2  | 0.4  |
|     |            |            |                  | CNT  | 0.9  | 0.1  | 2.3  | 0.4  | 3.7  | 0.4  |
|     |            |            |                  | J    | 0.9  | 0.1  | 2.3  | 0.4  | 3.4  | 0.4  |
|     |            | Min        | I                | -0.8 | -0.4 | -5.4 | -1.2 | -4.1 | -0.4 | -0.4 |
|     |            |            | CNT              | -0.8 | -0.4 | -5.4 | -1.2 | -2.7 | -0.3 | -0.3 |
|     |            |            | J                | -0.8 | -0.4 | -5.4 | -1.2 | -1.7 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | 0.1  | 0.1  | -0.2 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | 0.1  | 0.1  | -0.2 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | 0.1  | 0.1  | -0.2 | -0.0 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | 0.3  | 0.1  | -0.3 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | 0.3  | 0.1  | -0.4 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | 0.3  | 0.1  | -0.5 | -0.1 | -0.1 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 180 | 2          | 3 c mobili | Max              | I    | 0.9  | 0.1  | 2.2  | 0.4  | 3.6  | 0.4  |
|     |            |            |                  | CNT  | 0.9  | 0.1  | 2.2  | 0.4  | 3.2  | 0.4  |
|     |            |            |                  | J    | 0.9  | 0.1  | 2.2  | 0.4  | 2.9  | 0.4  |
|     |            | Min        | I                | -0.8 | -0.4 | -4.5 | -1.2 | -3.6 | -0.4 | -0.4 |
|     |            |            | CNT              | -0.8 | -0.4 | -4.5 | -1.2 | -2.4 | -0.3 | -0.3 |
|     |            |            | J                | -0.8 | -0.4 | -4.5 | -1.2 | -1.6 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | 0.1  | 0.1  | -0.2 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | 0.1  | 0.1  | -0.2 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | 0.1  | 0.1  | -0.2 | -0.0 | -0.0 |
|     |            | perm       | I                | 0.0  | 0.0  | 0.2  | 0.1  | -0.3 | -0.0 | -0.0 |
|     |            |            | CNT              | 0.0  | 0.0  | 0.2  | 0.1  | -0.4 | -0.0 | -0.0 |
|     |            |            | J                | 0.0  | 0.0  | 0.2  | 0.1  | -0.4 | -0.1 | -0.1 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 181 | 2          | 3 c mobili | Max              | I    | 0.8  | 0.1  | 2.1  | 0.4  | 3.0  | 0.4  |
|     |            |            |                  | CNT  | 0.8  | 0.1  | 2.1  | 0.4  | 2.6  | 0.4  |
|     |            |            |                  | J    | 0.8  | 0.1  | 2.1  | 0.4  | 2.4  | 0.4  |
|     |            | Min        | I                | -0.8 | -0.4 | -3.4 | -1.2 | -2.9 | -0.4 | -0.4 |
|     |            |            | CNT              | -0.8 | -0.4 | -3.4 | -1.2 | -2.1 | -0.3 | -0.3 |
|     |            |            | J                | -0.8 | -0.4 | -3.4 | -1.2 | -1.5 | -0.2 | -0.2 |
|     |            | pp         | I                | 0.0  | 0.0  | 0.1  | 0.1  | -0.1 | -0.0 | -0.0 |
|     |            |            | CNT              | 0.0  | 0.0  | 0.1  | 0.1  | -0.1 | -0.0 | -0.0 |
|     |            |            | J                | 0.0  | 0.0  | 0.1  | 0.1  | -0.2 | -0.0 | -0.0 |
|     |            | perm       | I                | 0.0  | 0.0  | 0.1  | 0.1  | -0.3 | -0.0 | -0.0 |
|     |            |            | CNT              | 0.0  | 0.0  | 0.1  | 0.1  | -0.3 | -0.0 | -0.0 |
|     |            |            | J                | 0.0  | 0.0  | 0.1  | 0.1  | -0.3 | -0.1 | -0.1 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 182 | 2          | 3 c mobili | Max              | I    | 0.7  | 0.1  | 2.2  | 0.4  | 2.4  | 0.4  |
|     |            |            |                  | CNT  | 0.7  | 0.1  | 2.2  | 0.4  | 2.0  | 0.4  |
|     |            |            |                  | J    | 0.7  | 0.1  | 2.2  | 0.4  | 1.9  | 0.4  |
|     |            | Min        | I                | -0.9 | -0.5 | -2.0 | -1.2 | -2.1 | -0.4 | -0.4 |

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|     |   |            |            |                       |      |      |       |       |       |      |
|-----|---|------------|------------|-----------------------|------|------|-------|-------|-------|------|
|     |   |            |            | CNT                   | -0.9 | -0.5 | -2.0  | -1.2  | -1.7  | -0.3 |
|     |   |            |            | J                     | -0.9 | -0.5 | -2.0  | -1.2  | -1.5  | -0.2 |
|     |   | pp         | I          |                       | 0.0  | 0.0  | 0.1   | 0.1   | -0.1  | -0.0 |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.1   | 0.1   | -0.1  | -0.0 |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.1   | 0.1   | -0.1  | -0.0 |
|     |   | perm       | I          |                       | 0.0  | 0.0  | 0.0   | 0.1   | -0.2  | -0.0 |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.0   | 0.1   | -0.2  | -0.1 |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.0   | 0.1   | -0.2  | -0.1 |
|     |   | acc        | I          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta      |      |      |       |       |       |      |
| 183 | 2 | 3 c mobili | Max        | I                     | 0.5  | 0.1  | 3.5   | 0.4   | 1.8   | 0.4  |
|     |   |            |            | CNT                   | 0.5  | 0.1  | 3.5   | 0.4   | 1.4   | 0.4  |
|     |   |            |            | J                     | 0.5  | 0.1  | 3.5   | 0.4   | 1.4   | 0.4  |
|     |   |            | Min        | I                     | -0.9 | -0.5 | -0.6  | -1.3  | -1.1  | -0.4 |
|     |   |            |            | CNT                   | -0.9 | -0.5 | -0.6  | -1.3  | -1.3  | -0.3 |
|     |   |            |            | J                     | -0.9 | -0.5 | -0.6  | -1.3  | -1.8  | -0.2 |
|     |   | pp         | I          |                       | 0.0  | 0.0  | 0.1   | 0.1   | -0.0  | -0.0 |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.1   | 0.1   | -0.1  | -0.0 |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.1   | 0.1   | -0.1  | -0.0 |
|     |   | perm       | I          |                       | 0.1  | 0.0  | -0.1  | 0.1   | -0.2  | -0.0 |
|     |   |            | CNT        |                       | 0.1  | 0.0  | -0.1  | 0.1   | -0.2  | -0.1 |
|     |   |            | J          |                       | 0.1  | 0.0  | -0.1  | 0.1   | -0.1  | -0.1 |
|     |   | acc        | I          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta      |      |      |       |       |       |      |
| 184 | 2 | 3 c mobili | Max        | I                     | 0.4  | 0.1  | 5.3   | 0.5   | 1.5   | 0.4  |
|     |   |            |            | CNT                   | 0.4  | 0.1  | 5.3   | 0.5   | 0.8   | 0.4  |
|     |   |            |            | J                     | 0.4  | 0.1  | 5.3   | 0.5   | 0.9   | 0.4  |
|     |   |            | Min        | I                     | -0.9 | -0.4 | -0.8  | -1.2  | -0.3  | -0.4 |
|     |   |            |            | CNT                   | -0.9 | -0.4 | -0.8  | -1.2  | -0.8  | -0.3 |
|     |   |            |            | J                     | -0.9 | -0.4 | -0.8  | -1.2  | -2.3  | -0.2 |
|     |   | pp         | I          |                       | 0.1  | 0.0  | 0.1   | 0.1   | 0.0   | -0.0 |
|     |   |            | CNT        |                       | 0.1  | 0.0  | 0.1   | 0.1   | -0.0  | -0.0 |
|     |   |            | J          |                       | 0.1  | 0.0  | 0.1   | 0.1   | -0.1  | -0.0 |
|     |   | perm       | I          |                       | 0.1  | 0.0  | -0.3  | 0.1   | -0.2  | -0.0 |
|     |   |            | CNT        |                       | 0.1  | 0.0  | -0.3  | 0.1   | -0.1  | -0.0 |
|     |   |            | J          |                       | 0.1  | 0.0  | -0.3  | 0.1   | 0.0   | -0.1 |
|     |   | acc        | I          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta      |      |      |       |       |       |      |
| 185 | 2 | 3 c mobili | Max        | I                     | 0.4  | 0.1  | 8.8   | 0.5   | 2.3   | 0.4  |
|     |   |            |            | CNT                   | 0.4  | 0.1  | 8.8   | 0.5   | 0.3   | 0.4  |
|     |   |            |            | J                     | 0.4  | 0.1  | 8.8   | 0.5   | 0.6   | 0.4  |
|     |   |            | Min        | I                     | -0.9 | -0.2 | -1.5  | -1.2  | -0.3  | -0.4 |
|     |   |            |            | CNT                   | -0.9 | -0.2 | -1.5  | -1.2  | -0.4  | -0.3 |
|     |   |            |            | J                     | -0.9 | -0.2 | -1.5  | -1.2  | -3.0  | -0.3 |
|     |   | pp         | I          |                       | 0.1  | 0.0  | 0.1   | 0.1   | 0.0   | -0.0 |
|     |   |            | CNT        |                       | 0.1  | 0.0  | 0.1   | 0.1   | 0.0   | -0.0 |
|     |   |            | J          |                       | 0.1  | 0.0  | 0.1   | 0.1   | -0.0  | -0.0 |
|     |   | perm       | I          |                       | 0.1  | 0.0  | -0.7  | 0.1   | -0.2  | -0.0 |
|     |   |            | CNT        |                       | 0.1  | 0.0  | -0.7  | 0.1   | -0.0  | -0.0 |
|     |   |            | J          |                       | 0.1  | 0.0  | -0.7  | 0.1   | 0.2   | -0.1 |
|     |   | acc        | I          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta      |      |      |       |       |       |      |
| 186 | 2 | 4 c mobili | Max        | I                     | 1.6  | 0.4  | 112.1 | 7.9   | 66.7  | 1.2  |
|     |   |            |            | CNT                   | 1.6  | 0.4  | 112.1 | 7.9   | 48.0  | 1.2  |
|     |   |            |            | J                     | 1.6  | 0.4  | 112.1 | 7.9   | 36.2  | 1.1  |
|     |   |            | Min        | I                     | -2.2 | -0.4 | -29.4 | -20.7 | -51.5 | -1.0 |
|     |   |            |            | CNT                   | -2.2 | -0.4 | -29.4 | -20.7 | -47.9 | -0.9 |
|     |   |            |            | J                     | -2.2 | -0.4 | -29.4 | -20.7 | -53.4 | -0.8 |
|     |   | pp         | I          |                       | 0.1  | 0.0  | -5.7  | 0.9   | 2.4   | -0.1 |
|     |   |            | CNT        |                       | 0.1  | 0.0  | -5.7  | 0.9   | 4.1   | -0.1 |
|     |   |            | J          |                       | 0.1  | 0.0  | -5.7  | 0.9   | 5.8   | -0.1 |
|     |   | perm       | I          |                       | 0.1  | 0.0  | -11.3 | 1.7   | 1.9   | -0.1 |
|     |   |            | CNT        |                       | 0.1  | 0.0  | -11.3 | 1.7   | 5.3   | -0.1 |
|     |   |            | J          |                       | 0.1  | 0.0  | -11.3 | 1.7   | 8.7   | -0.1 |
|     |   | acc        | I          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | CNT        |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   |            | J          |                       | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: traverso cap |      |      |       |       |       |      |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |   |            |      |     |      |      |       |        |       |      |
|-----|---|------------|------|-----|------|------|-------|--------|-------|------|
| 187 | 1 | 1 c mobili | Max  | I   | 0.5  | 3.7  | 155.6 | 108.2  | 7.8   | 1.8  |
|     |   |            |      | CNT | 0.5  | 3.7  | 155.6 | 108.2  | 18.1  | 1.6  |
|     |   |            |      | J   | 0.5  | 3.7  | 155.6 | 108.2  | 29.3  | 1.6  |
|     |   |            | Min  | I   | -0.5 | -1.5 | -44.9 | -198.2 | -11.5 | -1.4 |
|     |   |            |      | CNT | -0.5 | -1.5 | -44.9 | -198.2 | -41.4 | -1.3 |
|     |   |            |      | J   | -0.5 | -1.5 | -44.9 | -198.2 | -80.3 | -1.7 |
|     |   |            | PP   | I   | 0.0  | -0.0 | -5.7  | 4.0    | 0.9   | 0.0  |
|     |   |            |      | CNT | 0.0  | -0.0 | 0.7   | 4.0    | 1.5   | 0.0  |
|     |   |            |      | J   | 0.0  | -0.0 | 7.0   | 4.0    | 0.6   | 0.0  |
|     |   |            | perm | I   | 0.0  | -0.0 | -11.3 | 7.2    | 1.7   | -0.0 |
|     |   |            |      | CNT | 0.0  | -0.0 | -9.8  | 7.2    | 4.4   | -0.0 |
|     |   |            |      | J   | 0.0  | -0.0 | -8.3  | 7.2    | 6.7   | -0.0 |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |       |      |
|-----|---|------------|------|-----|------|------|--------|--------|-------|------|
| 188 | 1 | 1 c mobili | Max  | I   | 0.6  | 4.1  | 4.3    | 113.3  | 29.7  | 2.1  |
|     |   |            |      | CNT | 0.6  | 4.1  | 4.3    | 113.3  | 64.2  | 2.1  |
|     |   |            |      | J   | 0.6  | 4.1  | 4.3    | 113.3  | 125.2 | 2.1  |
|     |   |            | Min  | I   | -0.8 | -1.9 | -291.4 | -211.3 | -80.5 | -2.0 |
|     |   |            |      | CNT | -0.8 | -1.9 | -291.4 | -211.3 | -62.3 | -2.7 |
|     |   |            |      | J   | -0.8 | -1.9 | -291.4 | -211.3 | -57.4 | -3.6 |
|     |   |            | PP   | I   | 0.0  | -0.0 | -284.0 | 4.0    | 0.6   | 0.1  |
|     |   |            |      | CNT | 0.0  | -0.0 | -277.6 | 4.0    | 70.8  | 0.1  |
|     |   |            |      | J   | 0.0  | -0.0 | -271.3 | 4.0    | 139.5 | 0.1  |
|     |   |            | perm | I   | 0.0  | -0.0 | -76.0  | 7.8    | 6.8   | -0.0 |
|     |   |            |      | CNT | 0.0  | -0.0 | -74.5  | 7.8    | 25.6  | -0.0 |
|     |   |            |      | J   | 0.0  | -0.0 | -73.0  | 7.8    | 44.0  | -0.0 |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |       |      |
|-----|---|------------|------|-----|------|------|--------|--------|-------|------|
| 189 | 1 | 1 c mobili | Max  | I   | 0.7  | 4.2  | 12.9   | 115.3  | 124.9 | 2.5  |
|     |   |            |      | CNT | 0.7  | 4.2  | 12.9   | 115.3  | 177.0 | 2.7  |
|     |   |            |      | J   | 0.7  | 4.2  | 12.9   | 115.3  | 244.5 | 2.9  |
|     |   |            | Min  | I   | -1.2 | -2.1 | -270.3 | -216.6 | -57.3 | -4.1 |
|     |   |            |      | CNT | -1.2 | -2.1 | -270.3 | -216.6 | -55.3 | -4.7 |
|     |   |            |      | J   | -1.2 | -2.1 | -270.3 | -216.6 | -53.3 | -5.6 |
|     |   |            | PP   | I   | 0.1  | 0.0  | -271.2 | 3.9    | 139.5 | 0.1  |
|     |   |            |      | CNT | 0.1  | 0.0  | -264.8 | 3.9    | 206.5 | 0.1  |
|     |   |            |      | J   | 0.1  | 0.0  | -258.4 | 3.9    | 271.9 | 0.1  |
|     |   |            | perm | I   | 0.0  | -0.0 | -73.3  | 8.2    | 44.1  | -0.0 |
|     |   |            |      | CNT | 0.0  | -0.0 | -71.8  | 8.2    | 62.3  | 0.0  |
|     |   |            |      | J   | 0.0  | -0.0 | -70.3  | 8.2    | 80.0  | 0.0  |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |       |      |
|-----|---|------------|------|-----|------|------|--------|--------|-------|------|
| 190 | 1 | 1 c mobili | Max  | I   | 0.8  | 4.2  | 20.4   | 115.2  | 244.2 | 3.3  |
|     |   |            |      | CNT | 0.8  | 4.2  | 20.4   | 115.2  | 286.5 | 3.5  |
|     |   |            |      | J   | 0.8  | 4.2  | 20.4   | 115.2  | 349.9 | 3.8  |
|     |   |            | Min  | I   | -1.6 | -2.2 | -254.1 | -218.7 | -53.3 | -6.2 |
|     |   |            |      | CNT | -1.6 | -2.2 | -254.1 | -218.7 | -51.5 | -6.7 |
|     |   |            |      | J   | -1.6 | -2.2 | -254.1 | -218.7 | -49.8 | -7.3 |
|     |   |            | PP   | I   | 0.1  | 0.0  | -258.3 | 3.8    | 272.0 | 0.1  |
|     |   |            |      | CNT | 0.1  | 0.0  | -252.0 | 3.8    | 335.7 | 0.1  |
|     |   |            |      | J   | 0.1  | 0.0  | -245.6 | 3.8    | 397.9 | 0.1  |
|     |   |            | perm | I   | 0.1  | -0.0 | -70.5  | 8.3    | 80.1  | 0.0  |
|     |   |            |      | CNT | 0.1  | -0.0 | -69.0  | 8.3    | 97.6  | 0.0  |
|     |   |            |      | J   | 0.1  | -0.0 | -67.5  | 8.3    | 114.6 | 0.0  |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |       |      |
|-----|---|------------|------|-----|------|------|--------|--------|-------|------|
| 191 | 1 | 1 c mobili | Max  | I   | 0.9  | 4.1  | 30.8   | 113.7  | 349.5 | 4.1  |
|     |   |            |      | CNT | 0.9  | 4.1  | 30.8   | 113.7  | 384.0 | 4.3  |
|     |   |            |      | J   | 0.9  | 4.1  | 30.8   | 113.7  | 444.0 | 4.6  |
|     |   |            | Min  | I   | -1.9 | -2.3 | -241.0 | -217.4 | -49.7 | -7.9 |
|     |   |            |      | CNT | -1.9 | -2.3 | -241.0 | -217.4 | -48.2 | -8.4 |
|     |   |            |      | J   | -1.9 | -2.3 | -241.0 | -217.4 | -46.6 | -8.8 |
|     |   |            | PP   | I   | 0.1  | 0.0  | -245.5 | 3.8    | 398.0 | 0.1  |
|     |   |            |      | CNT | 0.1  | 0.0  | -239.2 | 3.8    | 458.6 | 0.1  |
|     |   |            |      | J   | 0.1  | 0.0  | -232.8 | 3.8    | 517.6 | 0.1  |
|     |   |            | perm | I   | 0.1  | -0.0 | -67.5  | 8.3    | 114.7 | 0.0  |
|     |   |            |      | CNT | 0.1  | -0.0 | -66.0  | 8.3    | 131.4 | 0.1  |
|     |   |            |      | J   | 0.1  | -0.0 | -64.5  | 8.3    | 147.7 | 0.1  |

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|     |              |            |            |              |      |      |        |        |        |       |     |
|-----|--------------|------------|------------|--------------|------|------|--------|--------|--------|-------|-----|
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 192 | 1            | 1 c mobili | Max        | I            | 1.0  | 4.0  | 42.7   | 111.5  | 443.6  | 4.7   |     |
|     |              |            |            | CNT          | 1.0  | 4.0  | 42.7   | 111.5  | 472.7  | 5.0   |     |
|     |              |            |            | J            | 1.0  | 4.0  | 42.7   | 111.5  | 528.7  | 5.2   |     |
|     |              |            | Min        | I            | -2.1 | -2.5 | -230.1 | -213.6 | -46.6  | -9.3  |     |
|     |              |            |            | CNT          | -2.1 | -2.5 | -230.1 | -213.6 | -45.2  | -9.7  |     |
|     |              |            |            | J            | -2.1 | -2.5 | -230.1 | -213.6 | -43.8  | -10.1 |     |
|     |              |            | pp         | I            | 0.1  | 0.0  | -232.7 | 3.7    | 517.6  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | 0.0  | -226.4 | 3.7    | 575.0  | 0.1   |     |
|     |              |            |            | J            | 0.1  | 0.0  | -220.0 | 3.7    | 630.8  | 0.1   |     |
|     |              |            | perm       | I            | 0.1  | -0.1 | -64.3  | 8.2    | 147.8  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | -0.1 | -62.8  | 8.2    | 163.7  | 0.1   |     |
|     |              |            |            | J            | 0.1  | -0.1 | -61.3  | 8.2    | 179.2  | 0.1   |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 193 | 1            | 1 c mobili | Max        | I            | 1.0  | 4.0  | 52.4   | 108.6  | 528.3  | 5.3   |     |
|     |              |            |            | CNT          | 1.0  | 4.0  | 52.4   | 108.6  | 553.8  | 5.5   |     |
|     |              |            |            | J            | 1.0  | 4.0  | 52.4   | 108.6  | 605.3  | 5.7   |     |
|     |              |            | Min        | I            | -2.2 | -2.6 | -220.8 | -208.2 | -43.8  | -10.5 |     |
|     |              |            |            | CNT          | -2.2 | -2.6 | -220.8 | -208.2 | -42.5  | -10.8 |     |
|     |              |            |            | J            | -2.2 | -2.6 | -220.8 | -208.2 | -41.3  | -11.2 |     |
|     |              |            | pp         | I            | 0.1  | -0.0 | -219.9 | 3.6    | 630.9  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | -0.0 | -213.6 | 3.6    | 685.0  | 0.1   |     |
|     |              |            |            | J            | 0.1  | -0.0 | -207.2 | 3.6    | 737.6  | 0.1   |     |
|     |              |            | perm       | I            | 0.1  | -0.1 | -61.1  | 8.0    | 179.3  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | -0.1 | -59.6  | 8.0    | 194.4  | 0.1   |     |
|     |              |            |            | J            | 0.1  | -0.1 | -58.1  | 8.0    | 209.1  | 0.1   |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 194 | 1            | 1 c mobili | Max        | I            | 1.1  | 4.0  | 60.6   | 105.1  | 605.0  | 5.7   |     |
|     |              |            |            | CNT          | 1.1  | 4.0  | 60.6   | 105.1  | 627.3  | 5.9   |     |
|     |              |            |            | J            | 1.1  | 4.0  | 60.6   | 105.1  | 675.0  | 6.1   |     |
|     |              |            | Min        | I            | -2.2 | -2.8 | -212.6 | -201.6 | -41.3  | -11.5 |     |
|     |              |            |            | CNT          | -2.2 | -2.8 | -212.6 | -201.6 | -40.2  | -11.6 |     |
|     |              |            |            | J            | -2.2 | -2.8 | -212.6 | -201.6 | -39.1  | -12.0 |     |
|     |              |            | pp         | I            | 0.1  | -0.0 | -207.1 | 3.6    | 737.7  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | -0.0 | -200.7 | 3.6    | 788.7  | 0.1   |     |
|     |              |            |            | J            | 0.1  | -0.0 | -194.4 | 3.6    | 838.1  | 0.1   |     |
|     |              |            | perm       | I            | 0.1  | -0.1 | -57.8  | 7.8    | 209.2  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | -0.1 | -56.3  | 7.8    | 223.5  | 0.2   |     |
|     |              |            |            | J            | 0.1  | -0.1 | -54.8  | 7.8    | 237.4  | 0.2   |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 195 | 1            | 1 c mobili | Max        | I            | 1.1  | 4.1  | 67.5   | 101.4  | 674.6  | 6.1   |     |
|     |              |            |            | CNT          | 1.1  | 4.1  | 67.5   | 101.4  | 694.1  | 6.2   |     |
|     |              |            |            | J            | 1.1  | 4.1  | 67.5   | 101.4  | 738.3  | 6.3   |     |
|     |              |            | Min        | I            | -2.2 | -3.0 | -205.3 | -194.3 | -39.0  | -12.2 |     |
|     |              |            |            | CNT          | -2.2 | -3.0 | -205.3 | -194.3 | -38.0  | -12.3 |     |
|     |              |            |            | J            | -2.2 | -3.0 | -205.3 | -194.3 | -37.0  | -12.6 |     |
|     |              |            | pp         | I            | 0.1  | -0.0 | -194.3 | 3.5    | 838.1  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | -0.0 | -187.9 | 3.5    | 885.9  | 0.1   |     |
|     |              |            |            | J            | 0.1  | -0.0 | -181.5 | 3.5    | 932.1  | 0.1   |     |
|     |              |            | perm       | I            | 0.1  | -0.1 | -54.5  | 7.5    | 237.5  | 0.2   |     |
|     |              |            |            | CNT          | 0.1  | -0.1 | -53.0  | 7.5    | 250.9  | 0.2   |     |
|     |              |            |            | J            | 0.1  | -0.1 | -51.5  | 7.5    | 264.0  | 0.2   |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 196 | 1            | 1 c mobili | Max        | I            | 1.1  | 4.1  | 73.7   | 97.4   | 738.0  | 6.4   |     |
|     |              |            |            | CNT          | 1.1  | 4.1  | 73.7   | 97.4   | 755.2  | 6.4   |     |
|     |              |            |            | J            | 1.1  | 4.1  | 73.7   | 97.4   | 796.0  | 6.5   |     |
|     |              |            | Min        | I            | -2.2 | -3.2 | -198.7 | -186.4 | -37.0  | -12.8 |     |
|     |              |            |            | CNT          | -2.2 | -3.2 | -198.7 | -186.4 | -36.1  | -12.8 |     |
|     |              |            |            | J            | -2.2 | -3.2 | -198.7 | -186.4 | -35.2  | -13.0 |     |
|     |              |            | pp         | I            | 0.1  | -0.0 | -181.4 | 3.3    | 932.1  | 0.1   |     |
|     |              |            |            | CNT          | 0.1  | -0.0 | -175.1 | 3.3    | 976.7  | 0.1   |     |
|     |              |            |            | J            | 0.1  | -0.0 | -168.7 | 3.3    | 1019.6 | 0.1   |     |

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|     |   |              |            |              |      |      |        |        |        |       |
|-----|---|--------------|------------|--------------|------|------|--------|--------|--------|-------|
|     |   |              | perm       | I            | 0.1  | -0.1 | -51.1  | 7.1    | 264.1  | 0.2   |
|     |   |              |            | CNT          | 0.1  | -0.1 | -49.6  | 7.1    | 276.7  | 0.2   |
|     |   |              |            | J            | 0.1  | -0.1 | -48.1  | 7.1    | 288.9  | 0.2   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 197 | 1 | 1 c mobili   | Max        | I            | 1.1  | 4.1  | 79.2   | 94.8   | 795.7  | 6.6   |
|     |   |              |            | CNT          | 1.1  | 4.1  | 79.2   | 94.8   | 811.1  | 6.6   |
|     |   |              |            | J            | 1.1  | 4.1  | 79.2   | 94.8   | 848.3  | 6.7   |
|     |   |              | Min        | I            | -2.2 | -3.3 | -192.5 | -178.3 | -35.2  | -13.2 |
|     |   |              |            | CNT          | -2.2 | -3.3 | -192.5 | -178.3 | -34.3  | -13.2 |
|     |   |              |            | J            | -2.2 | -3.3 | -192.5 | -178.3 | -33.5  | -13.4 |
|     |   |              | pp         | I            | 0.1  | -0.0 | -168.6 | 3.2    | 1019.7 | 0.1   |
|     |   |              |            | CNT          | 0.1  | -0.0 | -162.2 | 3.2    | 1061.0 | 0.1   |
|     |   |              |            | J            | 0.1  | -0.0 | -155.8 | 3.2    | 1100.8 | 0.1   |
|     |   |              | perm       | I            | 0.1  | -0.1 | -47.6  | 6.7    | 289.0  | 0.2   |
|     |   |              |            | CNT          | 0.1  | -0.1 | -46.1  | 6.7    | 300.7  | 0.2   |
|     |   |              |            | J            | 0.1  | -0.1 | -44.6  | 6.7    | 312.0  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 198 | 1 | 1 c mobili   | Max        | I            | 1.1  | 4.0  | 84.1   | 92.6   | 848.1  | 6.8   |
|     |   |              |            | CNT          | 1.1  | 4.0  | 84.1   | 92.6   | 861.9  | 6.8   |
|     |   |              |            | J            | 1.1  | 4.0  | 84.1   | 92.6   | 895.7  | 6.9   |
|     |   |              | Min        | I            | -2.2 | -3.4 | -186.7 | -170.0 | -33.5  | -13.6 |
|     |   |              |            | CNT          | -2.2 | -3.4 | -186.7 | -170.0 | -32.7  | -13.5 |
|     |   |              |            | J            | -2.2 | -3.4 | -186.7 | -170.0 | -31.9  | -13.6 |
|     |   |              | pp         | I            | 0.1  | -0.0 | -155.7 | 3.0    | 1100.8 | 0.1   |
|     |   |              |            | CNT          | 0.1  | -0.0 | -149.3 | 3.0    | 1138.9 | 0.1   |
|     |   |              |            | J            | 0.1  | -0.0 | -142.9 | 3.0    | 1175.5 | 0.1   |
|     |   |              | perm       | I            | 0.1  | -0.1 | -44.1  | 6.3    | 312.1  | 0.3   |
|     |   |              |            | CNT          | 0.1  | -0.1 | -42.6  | 6.3    | 322.9  | 0.3   |
|     |   |              |            | J            | 0.1  | -0.1 | -41.1  | 6.3    | 333.4  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 199 | 1 | 1 c mobili   | Max        | I            | 1.1  | 4.0  | 88.7   | 90.5   | 895.5  | 7.0   |
|     |   |              |            | CNT          | 1.1  | 4.0  | 88.7   | 90.5   | 907.7  | 6.9   |
|     |   |              |            | J            | 1.1  | 4.0  | 88.7   | 90.5   | 938.4  | 7.0   |
|     |   |              | Min        | I            | -2.1 | -3.5 | -181.2 | -161.6 | -31.9  | -13.8 |
|     |   |              |            | CNT          | -2.1 | -3.5 | -181.2 | -161.6 | -31.2  | -13.8 |
|     |   |              |            | J            | -2.1 | -3.5 | -181.2 | -161.6 | -30.4  | -13.9 |
|     |   |              | pp         | I            | 0.1  | -0.0 | -142.8 | 2.8    | 1175.5 | 0.1   |
|     |   |              |            | CNT          | 0.1  | -0.0 | -136.4 | 2.8    | 1210.4 | 0.1   |
|     |   |              |            | J            | 0.1  | -0.0 | -130.0 | 2.8    | 1243.7 | 0.1   |
|     |   |              | perm       | I            | 0.1  | -0.1 | -40.5  | 5.8    | 333.4  | 0.3   |
|     |   |              |            | CNT          | 0.1  | -0.1 | -39.0  | 5.8    | 343.4  | 0.3   |
|     |   |              |            | J            | 0.1  | -0.1 | -37.5  | 5.8    | 352.9  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 200 | 1 | 1 c mobili   | Max        | I            | 1.1  | 4.0  | 93.0   | 88.4   | 938.1  | 7.1   |
|     |   |              |            | CNT          | 1.1  | 4.0  | 93.0   | 88.4   | 948.9  | 7.0   |
|     |   |              |            | J            | 1.1  | 4.0  | 93.0   | 88.4   | 976.5  | 7.1   |
|     |   |              | Min        | I            | -2.1 | -3.6 | -175.9 | -153.4 | -30.4  | -14.0 |
|     |   |              |            | CNT          | -2.1 | -3.6 | -175.9 | -153.4 | -29.8  | -13.9 |
|     |   |              |            | J            | -2.1 | -3.6 | -175.9 | -153.4 | -29.1  | -14.0 |
|     |   |              | pp         | I            | 0.1  | -0.0 | -129.8 | 2.6    | 1243.7 | 0.1   |
|     |   |              |            | CNT          | 0.1  | -0.0 | -123.4 | 2.6    | 1275.4 | 0.1   |
|     |   |              |            | J            | 0.1  | -0.0 | -117.1 | 2.6    | 1305.5 | 0.1   |
|     |   |              | perm       | I            | 0.1  | -0.1 | -36.9  | 5.3    | 353.0  | 0.3   |
|     |   |              |            | CNT          | 0.1  | -0.1 | -35.4  | 5.3    | 362.0  | 0.3   |
|     |   |              |            | J            | 0.1  | -0.1 | -33.9  | 5.3    | 370.7  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 201 | 1 | 1 c mobili   | Max        | I            | 1.0  | 4.0  | 97.1   | 86.2   | 976.3  | 7.2   |
|     |   |              |            | CNT          | 1.0  | 4.0  | 97.1   | 86.2   | 985.5  | 7.1   |
|     |   |              |            | J            | 1.0  | 4.0  | 97.1   | 86.2   | 1010.2 | 7.2   |
|     |   |              | Min        | I            | -2.0 | -3.6 | -170.8 | -145.3 | -29.1  | -14.2 |
|     |   |              |            | CNT          | -2.0 | -3.6 | -170.8 | -145.3 | -28.4  | -14.1 |

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|     |   |              |            |              |      |        |        |        |        |       |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|--------|-------|
|     |   |              | J          | -2.0         | -3.6 | -170.8 | -145.3 | -27.8  | -14.2  |       |
|     |   | PP           | I          | 0.1          | -0.0 | -116.9 | 2.4    | 1305.5 | 0.1    |       |
|     |   |              | CNT        | 0.1          | -0.0 | -110.5 | 2.4    | 1333.9 | 0.2    |       |
|     |   |              | J          | 0.1          | -0.0 | -104.1 | 2.4    | 1360.7 | 0.2    |       |
|     |   | perm         | I          | 0.1          | -0.0 | -33.2  | 4.8    | 370.7  | 0.3    |       |
|     |   |              | CNT        | 0.1          | -0.0 | -31.7  | 4.8    | 378.9  | 0.3    |       |
|     |   |              | J          | 0.1          | -0.0 | -30.2  | 4.8    | 386.6  | 0.3    |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 202 | 1 | 1 c mobili   | Max        | I            | 1.0  | 4.0    | 101.0  | 84.0   | 1010.0 | 7.2   |
|     |   |              |            | CNT          | 1.0  | 4.0    | 101.0  | 84.0   | 1017.8 | 7.2   |
|     |   |              |            | J            | 1.0  | 4.0    | 101.0  | 84.0   | 1039.5 | 7.2   |
|     |   |              | Min        | I            | -2.0 | -3.7   | -165.8 | -137.3 | -27.8  | -14.3 |
|     |   |              |            | CNT          | -2.0 | -3.7   | -165.8 | -137.3 | -27.2  | -14.2 |
|     |   |              |            | J            | -2.0 | -3.7   | -165.8 | -137.3 | -26.6  | -14.3 |
|     |   | PP           | I          | 0.1          | -0.0 | -103.9 | 2.1    | 1360.8 | 0.2    |       |
|     |   |              | CNT        | 0.1          | -0.0 | -97.5  | 2.1    | 1386.0 | 0.2    |       |
|     |   |              | J          | 0.1          | -0.0 | -91.2  | 2.1    | 1409.5 | 0.2    |       |
|     |   | perm         | I          | 0.1          | -0.0 | -29.6  | 4.3    | 386.7  | 0.3    |       |
|     |   |              | CNT        | 0.1          | -0.0 | -28.1  | 4.3    | 393.9  | 0.3    |       |
|     |   |              | J          | 0.1          | -0.0 | -26.6  | 4.3    | 400.7  | 0.4    |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 203 | 1 | 1 c mobili   | Max        | I            | 1.0  | 4.0    | 104.9  | 81.8   | 1039.4 | 7.3   |
|     |   |              |            | CNT          | 1.0  | 4.0    | 104.9  | 81.8   | 1045.8 | 7.2   |
|     |   |              |            | J            | 1.0  | 4.0    | 104.9  | 81.8   | 1064.7 | 7.3   |
|     |   |              | Min        | I            | -2.0 | -3.7   | -161.0 | -129.3 | -26.6  | -14.4 |
|     |   |              |            | CNT          | -2.0 | -3.7   | -161.0 | -129.3 | -26.0  | -14.3 |
|     |   |              |            | J            | -2.0 | -3.7   | -161.0 | -129.3 | -25.4  | -14.4 |
|     |   | PP           | I          | 0.0          | -0.0 | -90.9  | 1.9    | 1409.6 | 0.2    |       |
|     |   |              | CNT        | 0.0          | -0.0 | -84.6  | 1.9    | 1431.5 | 0.2    |       |
|     |   |              | J          | 0.0          | -0.0 | -78.2  | 1.9    | 1451.8 | 0.2    |       |
|     |   | perm         | I          | 0.1          | -0.0 | -25.9  | 3.7    | 400.7  | 0.3    |       |
|     |   |              | CNT        | 0.1          | -0.0 | -24.4  | 3.7    | 407.0  | 0.4    |       |
|     |   |              | J          | 0.1          | -0.0 | -22.9  | 3.7    | 412.9  | 0.4    |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 204 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.9    | 108.9  | 79.5   | 1064.5 | 7.3   |
|     |   |              |            | CNT          | 1.0  | 3.9    | 108.9  | 79.5   | 1069.5 | 7.3   |
|     |   |              |            | J            | 1.0  | 3.9    | 108.9  | 79.5   | 1085.6 | 7.3   |
|     |   |              | Min        | I            | -1.9 | -3.8   | -156.3 | -121.5 | -25.5  | -14.5 |
|     |   |              |            | CNT          | -1.9 | -3.8   | -156.3 | -121.5 | -24.9  | -14.4 |
|     |   |              |            | J            | -1.9 | -3.8   | -156.3 | -121.5 | -24.3  | -14.4 |
|     |   | PP           | I          | 0.0          | -0.0 | -77.9  | 1.6    | 1451.9 | 0.2    |       |
|     |   |              | CNT        | 0.0          | -0.0 | -71.6  | 1.6    | 1470.6 | 0.2    |       |
|     |   |              | J          | 0.0          | -0.0 | -65.2  | 1.6    | 1487.7 | 0.2    |       |
|     |   | perm         | I          | 0.1          | -0.0 | -22.1  | 3.2    | 413.0  | 0.4    |       |
|     |   |              | CNT        | 0.1          | -0.0 | -20.6  | 3.2    | 418.3  | 0.4    |       |
|     |   |              | J          | 0.1          | -0.0 | -19.1  | 3.2    | 423.3  | 0.4    |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 205 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.9    | 113.0  | 77.2   | 1085.4 | 7.4   |
|     |   |              |            | CNT          | 1.0  | 3.9    | 113.0  | 77.2   | 1089.0 | 7.3   |
|     |   |              |            | J            | 1.0  | 3.9    | 113.0  | 77.2   | 1102.3 | 7.3   |
|     |   |              | Min        | I            | -1.9 | -3.8   | -151.7 | -113.7 | -24.4  | -14.6 |
|     |   |              |            | CNT          | -1.9 | -3.8   | -151.7 | -113.7 | -23.8  | -14.4 |
|     |   |              |            | J            | -1.9 | -3.8   | -151.7 | -113.7 | -23.3  | -14.5 |
|     |   | PP           | I          | 0.0          | -0.0 | -64.9  | 1.3    | 1487.7 | 0.2    |       |
|     |   |              | CNT        | 0.0          | -0.0 | -58.6  | 1.3    | 1503.1 | 0.2    |       |
|     |   |              | J          | 0.0          | -0.0 | -52.2  | 1.3    | 1517.0 | 0.2    |       |
|     |   | perm         | I          | 0.1          | -0.0 | -18.4  | 2.6    | 423.3  | 0.4    |       |
|     |   |              | CNT        | 0.1          | -0.0 | -16.9  | 2.6    | 427.7  | 0.4    |       |
|     |   |              | J          | 0.1          | -0.0 | -15.4  | 2.6    | 431.8  | 0.4    |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |



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|              |      |            |              |              |      |            |              |        |        |        |       |        |        |       |       |
|--------------|------|------------|--------------|--------------|------|------------|--------------|--------|--------|--------|-------|--------|--------|-------|-------|
| 206          | 1    | 1 c mobili | Max          | I            | 1.0  | 3.9        | 117.1        | 75.5   | 1102.2 | 7.4    |       |        |        |       |       |
|              |      |            |              | CNT          | 1.0  | 3.9        | 117.1        | 75.5   | 1104.4 | 7.3    |       |        |        |       |       |
|              |      |            |              | J            | 1.0  | 3.9        | 117.1        | 75.5   | 1114.9 | 7.4    |       |        |        |       |       |
|              |      |            |              | Min          | I    | -1.9       | -3.8         | -147.1 | -106.2 | -23.3  | -14.6 |        |        |       |       |
|              |      |            |              |              | CNT  | -1.9       | -3.8         | -147.1 | -106.2 | -22.8  | -14.5 |        |        |       |       |
|              |      |            |              |              | J    | -1.9       | -3.8         | -147.1 | -106.2 | -22.3  | -14.6 |        |        |       |       |
|              |      |            |              | pp           | I    | 0.0        | -0.0         | -51.9  | 1.0    | 1517.0 | 0.2   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.0        | -0.0         | -45.6  | 1.0    | 1529.2 | 0.2   |        |        |       |       |
|              |      |            |              |              | J    | 0.0        | -0.0         | -39.2  | 1.0    | 1539.7 | 0.2   |        |        |       |       |
|              |      |            |              | perm         | I    | 0.1        | -0.0         | -14.7  | 2.0    | 431.8  | 0.4   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.1        | -0.0         | -13.2  | 2.0    | 435.3  | 0.4   |        |        |       |       |
|              |      |            |              |              | J    | 0.1        | -0.0         | -11.7  | 2.0    | 438.4  | 0.4   |        |        |       |       |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |       |        |        |       |       |
|              |      |            |              | 207          | 1    | 1 c mobili | Max          | I      | 1.0    | 3.9    | 121.3 | 77.0   | 1114.8 | 7.4   |       |
|              |      |            |              |              |      |            |              | CNT    | 1.0    | 3.9    | 121.3 | 77.0   | 1115.7 | 7.3   |       |
|              |      |            |              |              |      |            |              | J      | 1.0    | 3.9    | 121.3 | 77.0   | 1123.5 | 7.4   |       |
|              |      |            |              |              |      |            |              | Min    | I      | -1.9   | -3.8  | -142.7 | -99.0  | -22.3 | -14.6 |
|              |      |            |              |              |      |            |              |        | CNT    | -1.9   | -3.8  | -142.7 | -99.0  | -21.8 | -14.5 |
| J            | -1.9 | -3.8       | -142.7       |              |      |            |              |        | -99.0  | -21.3  | -14.6 |        |        |       |       |
| pp           | I    | 0.0        | -0.0         |              |      |            |              | -38.9  | 0.7    | 1539.8 | 0.2   |        |        |       |       |
|              | CNT  | 0.0        | -0.0         |              |      |            |              | -32.5  | 0.7    | 1548.7 | 0.2   |        |        |       |       |
|              | J    | 0.0        | -0.0         |              |      |            |              | -26.2  | 0.7    | 1556.0 | 0.2   |        |        |       |       |
| perm         | I    | 0.1        | -0.0         |              |      |            |              | -10.9  | 1.5    | 438.4  | 0.4   |        |        |       |       |
|              | CNT  | 0.1        | -0.0         |              |      |            |              | -9.4   | 1.5    | 440.9  | 0.4   |        |        |       |       |
|              | J    | 0.1        | -0.0         |              |      |            |              | -7.9   | 1.5    | 443.1  | 0.4   |        |        |       |       |
| acc          | I    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              | CNT  | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              | J    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
| Length = 0.5 |      | Type: Beam | Section: cap |              |      |            |              |        |        |        |       |        |        |       |       |
| 208          | 1    | 1 c mobili | Max          |              |      |            |              | I      | 1.0    | 3.9    | 125.5 | 80.0   | 1123.4 | 7.4   |       |
|              |      |            |              |              |      |            |              | CNT    | 1.0    | 3.9    | 125.5 | 80.0   | 1122.9 | 7.3   |       |
|              |      |            |              |              |      |            |              | J      | 1.0    | 3.9    | 125.5 | 80.0   | 1127.9 | 7.4   |       |
|              |      |            |              |              |      |            |              | Min    | I      | -1.9   | -3.9  | -138.3 | -92.0  | -21.3 | -14.6 |
|              |      |            |              |              |      |            |              |        | CNT    | -1.9   | -3.9  | -138.3 | -92.0  | -20.8 | -14.5 |
|              |      |            |              | J            | -1.9 | -3.9       | -138.3       |        | -92.0  | -20.3  | -14.6 |        |        |       |       |
|              |      |            |              | pp           | I    | 0.0        | -0.0         | -25.9  | 0.4    | 1556.0 | 0.2   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.0        | -0.0         | -19.5  | 0.4    | 1561.7 | 0.2   |        |        |       |       |
|              |      |            |              |              | J    | 0.0        | -0.0         | -13.2  | 0.4    | 1565.8 | 0.2   |        |        |       |       |
|              |      |            |              | perm         | I    | 0.1        | -0.0         | -7.1   | 0.9    | 443.1  | 0.4   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.1        | -0.0         | -5.6   | 0.9    | 444.7  | 0.4   |        |        |       |       |
|              |      |            |              |              | J    | 0.1        | -0.0         | -4.1   | 0.9    | 445.9  | 0.4   |        |        |       |       |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |       |        |        |       |       |
|              |      |            |              | 209          | 1    | 1 c mobili | Max          | I      | 1.0    | 3.9    | 129.7 | 83.3   | 1127.8 | 7.4   |       |
|              |      |            |              |              |      |            |              | CNT    | 1.0    | 3.9    | 129.7 | 83.3   | 1126.0 | 7.3   |       |
|              |      |            |              |              |      |            |              | J      | 1.0    | 3.9    | 129.7 | 83.3   | 1128.7 | 7.4   |       |
|              |      |            |              |              |      |            |              | Min    | I      | -1.8   | -3.9  | -134.0 | -87.0  | -20.3 | -14.6 |
|              |      |            |              |              |      |            |              |        | CNT    | -1.8   | -3.9  | -134.0 | -87.0  | -19.8 | -14.5 |
| J            | -1.8 | -3.9       | -134.0       |              |      |            |              |        | -87.0  | -19.4  | -14.6 |        |        |       |       |
| pp           | I    | 0.0        | -0.0         |              |      |            |              | -12.9  | 0.1    | 1565.8 | 0.2   |        |        |       |       |
|              | CNT  | 0.0        | -0.0         |              |      |            |              | -6.5   | 0.1    | 1568.2 | 0.2   |        |        |       |       |
|              | J    | 0.0        | -0.0         |              |      |            |              | -0.1   | 0.1    | 1569.1 | 0.2   |        |        |       |       |
| perm         | I    | 0.1        | -0.0         |              |      |            |              | -3.4   | 0.3    | 446.0  | 0.4   |        |        |       |       |
|              | CNT  | 0.1        | -0.0         |              |      |            |              | -1.9   | 0.3    | 446.6  | 0.4   |        |        |       |       |
|              | J    | 0.1        | -0.0         |              |      |            |              | -0.4   | 0.3    | 446.9  | 0.4   |        |        |       |       |
| acc          | I    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              | CNT  | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              | J    | 0.0        | 0.0          |              |      |            |              | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
| Length = 0.5 |      | Type: Beam | Section: cap |              |      |            |              |        |        |        |       |        |        |       |       |
| 210          | 1    | 1 c mobili | Max          |              |      |            |              | I      | 1.0    | 3.9    | 134.0 | 87.0   | 1128.7 | 7.4   |       |
|              |      |            |              |              |      |            |              | CNT    | 1.0    | 3.9    | 134.0 | 87.0   | 1126.0 | 7.3   |       |
|              |      |            |              |              |      |            |              | J      | 1.0    | 3.9    | 134.0 | 87.0   | 1127.8 | 7.4   |       |
|              |      |            |              |              |      |            |              | Min    | I      | -1.8   | -3.9  | -129.7 | -83.3  | -19.4 | -14.6 |
|              |      |            |              |              |      |            |              |        | CNT    | -1.8   | -3.9  | -129.7 | -83.3  | -19.8 | -14.5 |
|              |      |            |              | J            | -1.8 | -3.9       | -129.7       |        | -83.3  | -20.3  | -14.6 |        |        |       |       |
|              |      |            |              | pp           | I    | 0.0        | 0.0          | 0.1    | -0.1   | 1569.1 | 0.2   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 6.5    | -0.1   | 1568.2 | 0.2   |        |        |       |       |
|              |      |            |              |              | J    | 0.0        | 0.0          | 12.9   | -0.1   | 1565.8 | 0.2   |        |        |       |       |
|              |      |            |              | perm         | I    | 0.1        | 0.0          | 0.4    | -0.3   | 446.9  | 0.4   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.1        | 0.0          | 1.9    | -0.3   | 446.6  | 0.4   |        |        |       |       |
|              |      |            |              |              | J    | 0.1        | 0.0          | 3.4    | -0.3   | 446.0  | 0.4   |        |        |       |       |
|              |      |            |              | acc          | I    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              |              | CNT  | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |
|              |      |            |              |              | J    | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |        |        |       |       |

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|     |              |            |              |     |      |      |        |       |        |        |     |
|-----|--------------|------------|--------------|-----|------|------|--------|-------|--------|--------|-----|
|     |              |            | CNT          | 0.0 | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    | 0.0 |
|     |              |            | J            | 0.0 | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    | 0.0 |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |        |       |        |        |     |
| 211 | 1            | 1 c mobili | Max          | I   | 1.0  | 3.9  | 138.3  | 92.0  | 1127.9 | 7.4    |     |
|     |              |            |              | CNT | 1.0  | 3.9  | 138.3  | 92.0  | 1122.9 | 7.3    |     |
|     |              |            |              | J   | 1.0  | 3.9  | 138.3  | 92.0  | 1123.4 | 7.4    |     |
|     |              |            | Min          | I   | -1.9 | -3.9 | -125.5 | -80.0 | -20.3  | -14.6  |     |
|     |              |            |              | CNT | -1.9 | -3.9 | -125.5 | -80.0 | -20.8  | -14.5  |     |
|     |              |            |              | J   | -1.9 | -3.9 | -125.5 | -80.0 | -21.3  | -14.6  |     |
|     |              |            |              | PP  | I    | 0.0  | 0.0    | 13.2  | -0.4   | 1565.8 | 0.2 |
|     |              |            |              | CNT | 0.0  | 0.0  | 19.5   | -0.4  | 1561.7 | 0.2    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 25.9   | -0.4  | 1556.0 | 0.2    |     |
|     |              |            | perm         | I   | 0.1  | 0.0  | 4.1    | -0.9  | 445.9  | 0.4    |     |
|     |              |            |              | CNT | 0.1  | 0.0  | 5.6    | -0.9  | 444.7  | 0.4    |     |
|     |              |            |              | J   | 0.1  | 0.0  | 7.1    | -0.9  | 443.1  | 0.4    |     |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |        |       |        |        |     |
| 212 | 1            | 1 c mobili | Max          | I   | 1.0  | 3.8  | 142.7  | 99.0  | 1123.5 | 7.4    |     |
|     |              |            |              | CNT | 1.0  | 3.8  | 142.7  | 99.0  | 1115.7 | 7.3    |     |
|     |              |            |              | J   | 1.0  | 3.8  | 142.7  | 99.0  | 1114.8 | 7.4    |     |
|     |              |            | Min          | I   | -1.9 | -3.9 | -121.3 | -77.0 | -21.3  | -14.6  |     |
|     |              |            |              | CNT | -1.9 | -3.9 | -121.3 | -77.0 | -21.8  | -14.5  |     |
|     |              |            |              | J   | -1.9 | -3.9 | -121.3 | -77.0 | -22.3  | -14.6  |     |
|     |              |            |              | PP  | I    | 0.0  | 0.0    | 26.2  | -0.7   | 1556.0 | 0.2 |
|     |              |            |              | CNT | 0.0  | 0.0  | 32.5   | -0.7  | 1548.7 | 0.2    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 38.9   | -0.7  | 1539.8 | 0.2    |     |
|     |              |            | perm         | I   | 0.1  | 0.0  | 7.9    | -1.5  | 443.1  | 0.4    |     |
|     |              |            |              | CNT | 0.1  | 0.0  | 9.4    | -1.5  | 440.9  | 0.4    |     |
|     |              |            |              | J   | 0.1  | 0.0  | 10.9   | -1.5  | 438.4  | 0.4    |     |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |        |       |        |        |     |
| 213 | 1            | 1 c mobili | Max          | I   | 1.0  | 3.8  | 147.1  | 106.2 | 1114.9 | 7.4    |     |
|     |              |            |              | CNT | 1.0  | 3.8  | 147.1  | 106.2 | 1104.4 | 7.3    |     |
|     |              |            |              | J   | 1.0  | 3.8  | 147.1  | 106.2 | 1102.2 | 7.4    |     |
|     |              |            | Min          | I   | -1.9 | -3.9 | -117.1 | -75.5 | -22.3  | -14.6  |     |
|     |              |            |              | CNT | -1.9 | -3.9 | -117.1 | -75.5 | -22.8  | -14.5  |     |
|     |              |            |              | J   | -1.9 | -3.9 | -117.1 | -75.5 | -23.3  | -14.6  |     |
|     |              |            |              | PP  | I    | 0.0  | 0.0    | 39.2  | -1.0   | 1539.7 | 0.2 |
|     |              |            |              | CNT | 0.0  | 0.0  | 45.6   | -1.0  | 1529.2 | 0.2    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 51.9   | -1.0  | 1517.0 | 0.2    |     |
|     |              |            | perm         | I   | 0.1  | 0.0  | 11.7   | -2.0  | 438.4  | 0.4    |     |
|     |              |            |              | CNT | 0.1  | 0.0  | 13.2   | -2.0  | 435.3  | 0.4    |     |
|     |              |            |              | J   | 0.1  | 0.0  | 14.7   | -2.0  | 431.8  | 0.4    |     |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |        |       |        |        |     |
| 214 | 1            | 1 c mobili | Max          | I   | 1.0  | 3.8  | 151.7  | 113.7 | 1102.3 | 7.3    |     |
|     |              |            |              | CNT | 1.0  | 3.8  | 151.7  | 113.7 | 1089.0 | 7.3    |     |
|     |              |            |              | J   | 1.0  | 3.8  | 151.7  | 113.7 | 1085.4 | 7.4    |     |
|     |              |            | Min          | I   | -1.9 | -3.9 | -113.0 | -77.2 | -23.3  | -14.5  |     |
|     |              |            |              | CNT | -1.9 | -3.9 | -113.0 | -77.2 | -23.8  | -14.4  |     |
|     |              |            |              | J   | -1.9 | -3.9 | -113.0 | -77.2 | -24.4  | -14.6  |     |
|     |              |            |              | PP  | I    | 0.0  | 0.0    | 52.2  | -1.3   | 1517.0 | 0.2 |
|     |              |            |              | CNT | 0.0  | 0.0  | 58.6   | -1.3  | 1503.1 | 0.2    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 64.9   | -1.3  | 1487.7 | 0.2    |     |
|     |              |            | perm         | I   | 0.1  | 0.0  | 15.4   | -2.6  | 431.8  | 0.4    |     |
|     |              |            |              | CNT | 0.1  | 0.0  | 16.9   | -2.6  | 427.7  | 0.4    |     |
|     |              |            |              | J   | 0.1  | 0.0  | 18.4   | -2.6  | 423.3  | 0.4    |     |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |        |       |        |        |     |
| 215 | 1            | 1 c mobili | Max          | I   | 1.0  | 3.8  | 156.3  | 121.5 | 1085.6 | 7.3    |     |
|     |              |            |              | CNT | 1.0  | 3.8  | 156.3  | 121.5 | 1069.5 | 7.3    |     |
|     |              |            |              | J   | 1.0  | 3.8  | 156.3  | 121.5 | 1064.5 | 7.3    |     |
|     |              |            | Min          | I   | -1.9 | -3.9 | -108.9 | -79.5 | -24.3  | -14.4  |     |
|     |              |            |              | CNT | -1.9 | -3.9 | -108.9 | -79.5 | -24.9  | -14.4  |     |
|     |              |            |              | J   | -1.9 | -3.9 | -108.9 | -79.5 | -25.5  | -14.5  |     |
|     |              |            |              | PP  | I    | 0.0  | 0.0    | 65.2  | -1.6   | 1487.7 | 0.2 |
|     |              |            |              | CNT | 0.0  | 0.0  | 71.6   | -1.6  | 1470.6 | 0.2    |     |
|     |              |            |              | J   | 0.0  | 0.0  | 77.9   | -1.6  | 1451.9 | 0.2    |     |

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|     |   |              |            |              |      |      |        |       |        |       |
|-----|---|--------------|------------|--------------|------|------|--------|-------|--------|-------|
|     |   |              | perm       | I            | 0.1  | 0.0  | 19.1   | -3.2  | 423.3  | 0.4   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 20.6   | -3.2  | 418.3  | 0.4   |
|     |   |              |            | J            | 0.1  | 0.0  | 22.1   | -3.2  | 413.0  | 0.4   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |       |
| 216 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.7  | 161.0  | 129.3 | 1064.7 | 7.3   |
|     |   |              |            | CNT          | 1.0  | 3.7  | 161.0  | 129.3 | 1045.8 | 7.2   |
|     |   |              |            | J            | 1.0  | 3.7  | 161.0  | 129.3 | 1039.4 | 7.3   |
|     |   |              | Min        | I            | -2.0 | -4.0 | -104.9 | -81.8 | -25.4  | -14.4 |
|     |   |              |            | CNT          | -2.0 | -4.0 | -104.9 | -81.8 | -26.0  | -14.3 |
|     |   |              |            | J            | -2.0 | -4.0 | -104.9 | -81.8 | -26.6  | -14.4 |
|     |   |              | pp         | I            | 0.0  | 0.0  | 78.2   | -1.9  | 1451.8 | 0.2   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 84.6   | -1.9  | 1431.5 | 0.2   |
|     |   |              |            | J            | 0.0  | 0.0  | 90.9   | -1.9  | 1409.6 | 0.2   |
|     |   |              | perm       | I            | 0.1  | 0.0  | 22.9   | -3.7  | 412.9  | 0.4   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 24.4   | -3.7  | 407.0  | 0.4   |
|     |   |              |            | J            | 0.1  | 0.0  | 25.9   | -3.7  | 400.7  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |       |
| 217 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.7  | 165.8  | 137.3 | 1039.5 | 7.2   |
|     |   |              |            | CNT          | 1.0  | 3.7  | 165.8  | 137.3 | 1017.8 | 7.2   |
|     |   |              |            | J            | 1.0  | 3.7  | 165.8  | 137.3 | 1010.0 | 7.2   |
|     |   |              | Min        | I            | -2.0 | -4.0 | -101.0 | -84.0 | -26.6  | -14.3 |
|     |   |              |            | CNT          | -2.0 | -4.0 | -101.0 | -84.0 | -27.2  | -14.2 |
|     |   |              |            | J            | -2.0 | -4.0 | -101.0 | -84.0 | -27.8  | -14.3 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 91.2   | -2.1  | 1409.5 | 0.2   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 97.5   | -2.1  | 1386.0 | 0.2   |
|     |   |              |            | J            | 0.1  | 0.0  | 103.9  | -2.1  | 1360.8 | 0.2   |
|     |   |              | perm       | I            | 0.1  | 0.0  | 26.6   | -4.3  | 400.7  | 0.4   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 28.1   | -4.3  | 393.9  | 0.3   |
|     |   |              |            | J            | 0.1  | 0.0  | 29.6   | -4.3  | 386.7  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |       |
| 218 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.6  | 170.8  | 145.3 | 1010.2 | 7.2   |
|     |   |              |            | CNT          | 1.0  | 3.6  | 170.8  | 145.3 | 985.5  | 7.1   |
|     |   |              |            | J            | 1.0  | 3.6  | 170.8  | 145.3 | 976.3  | 7.2   |
|     |   |              | Min        | I            | -2.0 | -4.0 | -97.1  | -86.2 | -27.8  | -14.2 |
|     |   |              |            | CNT          | -2.0 | -4.0 | -97.1  | -86.2 | -28.4  | -14.1 |
|     |   |              |            | J            | -2.0 | -4.0 | -97.1  | -86.2 | -29.1  | -14.2 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 104.1  | -2.4  | 1360.7 | 0.2   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 110.5  | -2.4  | 1333.9 | 0.2   |
|     |   |              |            | J            | 0.1  | 0.0  | 116.9  | -2.4  | 1305.5 | 0.1   |
|     |   |              | perm       | I            | 0.1  | 0.0  | 30.2   | -4.8  | 386.6  | 0.3   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 31.7   | -4.8  | 378.9  | 0.3   |
|     |   |              |            | J            | 0.1  | 0.0  | 33.2   | -4.8  | 370.7  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |       |
| 219 | 1 | 1 c mobili   | Max        | I            | 1.1  | 3.6  | 175.9  | 153.4 | 976.5  | 7.1   |
|     |   |              |            | CNT          | 1.1  | 3.6  | 175.9  | 153.4 | 948.9  | 7.0   |
|     |   |              |            | J            | 1.1  | 3.6  | 175.9  | 153.4 | 938.1  | 7.1   |
|     |   |              | Min        | I            | -2.1 | -4.0 | -93.0  | -88.4 | -29.1  | -14.0 |
|     |   |              |            | CNT          | -2.1 | -4.0 | -93.0  | -88.4 | -29.8  | -13.9 |
|     |   |              |            | J            | -2.1 | -4.0 | -93.0  | -88.4 | -30.4  | -14.0 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 117.1  | -2.6  | 1305.5 | 0.1   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 123.4  | -2.6  | 1275.4 | 0.1   |
|     |   |              |            | J            | 0.1  | 0.0  | 129.8  | -2.6  | 1243.7 | 0.1   |
|     |   |              | perm       | I            | 0.1  | 0.1  | 33.9   | -5.3  | 370.7  | 0.3   |
|     |   |              |            | CNT          | 0.1  | 0.1  | 35.4   | -5.3  | 362.0  | 0.3   |
|     |   |              |            | J            | 0.1  | 0.1  | 36.9   | -5.3  | 353.0  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |       |        |       |
| 220 | 1 | 1 c mobili   | Max        | I            | 1.1  | 3.5  | 181.2  | 161.6 | 938.4  | 7.0   |
|     |   |              |            | CNT          | 1.1  | 3.5  | 181.2  | 161.6 | 907.7  | 6.9   |
|     |   |              |            | J            | 1.1  | 3.5  | 181.2  | 161.6 | 895.5  | 7.0   |
|     |   |              | Min        | I            | -2.1 | -4.0 | -88.7  | -90.5 | -30.4  | -13.9 |
|     |   |              |            | CNT          | -2.1 | -4.0 | -88.7  | -90.5 | -31.2  | -13.8 |
|     |   |              |            | J            | -2.1 | -4.0 | -88.7  | -90.5 | -31.9  | -13.8 |

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|     |   |              |            |              |      |      |       |        |        |       |
|-----|---|--------------|------------|--------------|------|------|-------|--------|--------|-------|
|     |   |              | pp         | I            | 0.1  | 0.0  | 130.0 | -2.8   | 1243.7 | 0.1   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 136.4 | -2.8   | 1210.4 | 0.1   |
|     |   |              |            | J            | 0.1  | 0.0  | 142.8 | -2.8   | 1175.5 | 0.1   |
|     |   |              | perm       | I            | 0.1  | 0.1  | 37.5  | -5.8   | 352.9  | 0.3   |
|     |   |              |            | CNT          | 0.1  | 0.1  | 39.0  | -5.8   | 343.4  | 0.3   |
|     |   |              |            | J            | 0.1  | 0.1  | 40.5  | -5.8   | 333.4  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |       |
| 221 | 1 | 1 c mobili   | Max        | I            | 1.1  | 3.4  | 186.7 | 170.0  | 895.7  | 6.9   |
|     |   |              |            | CNT          | 1.1  | 3.4  | 186.7 | 170.0  | 861.9  | 6.8   |
|     |   |              |            | J            | 1.1  | 3.4  | 186.7 | 170.0  | 848.1  | 6.8   |
|     |   |              | Min        | I            | -2.2 | -4.0 | -84.1 | -92.6  | -31.9  | -13.6 |
|     |   |              |            | CNT          | -2.2 | -4.0 | -84.1 | -92.6  | -32.7  | -13.5 |
|     |   |              |            | J            | -2.2 | -4.0 | -84.1 | -92.6  | -33.5  | -13.6 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 142.9 | -3.0   | 1175.5 | 0.1   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 149.3 | -3.0   | 1138.9 | 0.1   |
|     |   |              |            | J            | 0.1  | 0.0  | 155.7 | -3.0   | 1100.8 | 0.1   |
|     |   |              | perm       | I            | 0.1  | 0.1  | 41.1  | -6.3   | 333.4  | 0.3   |
|     |   |              |            | CNT          | 0.1  | 0.1  | 42.6  | -6.3   | 322.9  | 0.3   |
|     |   |              |            | J            | 0.1  | 0.1  | 44.1  | -6.3   | 312.1  | 0.3   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |       |
| 222 | 1 | 1 c mobili   | Max        | I            | 1.1  | 3.3  | 192.5 | 178.3  | 848.3  | 6.7   |
|     |   |              |            | CNT          | 1.1  | 3.3  | 192.5 | 178.3  | 811.1  | 6.6   |
|     |   |              |            | J            | 1.1  | 3.3  | 192.5 | 178.3  | 795.7  | 6.6   |
|     |   |              | Min        | I            | -2.2 | -4.1 | -79.2 | -94.8  | -33.5  | -13.4 |
|     |   |              |            | CNT          | -2.2 | -4.1 | -79.2 | -94.8  | -34.3  | -13.2 |
|     |   |              |            | J            | -2.2 | -4.1 | -79.2 | -94.8  | -35.2  | -13.2 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 155.8 | -3.2   | 1100.8 | 0.1   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 162.2 | -3.2   | 1061.0 | 0.1   |
|     |   |              |            | J            | 0.1  | 0.0  | 168.6 | -3.2   | 1019.7 | 0.1   |
|     |   |              | perm       | I            | 0.1  | 0.1  | 44.6  | -6.7   | 312.0  | 0.3   |
|     |   |              |            | CNT          | 0.1  | 0.1  | 46.1  | -6.7   | 300.7  | 0.2   |
|     |   |              |            | J            | 0.1  | 0.1  | 47.6  | -6.7   | 289.0  | 0.2   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |       |
| 223 | 1 | 1 c mobili   | Max        | I            | 1.1  | 3.2  | 198.7 | 186.4  | 796.0  | 6.5   |
|     |   |              |            | CNT          | 1.1  | 3.2  | 198.7 | 186.4  | 755.2  | 6.4   |
|     |   |              |            | J            | 1.1  | 3.2  | 198.7 | 186.4  | 738.0  | 6.4   |
|     |   |              | Min        | I            | -2.2 | -4.1 | -73.7 | -97.4  | -35.2  | -13.0 |
|     |   |              |            | CNT          | -2.2 | -4.1 | -73.7 | -97.4  | -36.1  | -12.8 |
|     |   |              |            | J            | -2.2 | -4.1 | -73.7 | -97.4  | -37.0  | -12.8 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 168.7 | -3.3   | 1019.6 | 0.1   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 175.1 | -3.3   | 976.7  | 0.1   |
|     |   |              |            | J            | 0.1  | 0.0  | 181.4 | -3.3   | 932.1  | 0.1   |
|     |   |              | perm       | I            | 0.1  | 0.1  | 48.1  | -7.1   | 288.9  | 0.2   |
|     |   |              |            | CNT          | 0.1  | 0.1  | 49.6  | -7.1   | 276.7  | 0.2   |
|     |   |              |            | J            | 0.1  | 0.1  | 51.1  | -7.1   | 264.1  | 0.2   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |       |
| 224 | 1 | 1 c mobili   | Max        | I            | 1.1  | 3.0  | 205.3 | 194.3  | 738.3  | 6.3   |
|     |   |              |            | CNT          | 1.1  | 3.0  | 205.3 | 194.3  | 694.1  | 6.2   |
|     |   |              |            | J            | 1.1  | 3.0  | 205.3 | 194.3  | 674.6  | 6.1   |
|     |   |              | Min        | I            | -2.2 | -4.1 | -67.5 | -101.4 | -37.0  | -12.6 |
|     |   |              |            | CNT          | -2.2 | -4.1 | -67.5 | -101.4 | -38.0  | -12.3 |
|     |   |              |            | J            | -2.2 | -4.1 | -67.5 | -101.4 | -39.0  | -12.2 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 181.5 | -3.5   | 932.1  | 0.1   |
|     |   |              |            | CNT          | 0.1  | 0.0  | 187.9 | -3.5   | 885.9  | 0.1   |
|     |   |              |            | J            | 0.1  | 0.0  | 194.3 | -3.5   | 838.1  | 0.1   |
|     |   |              | perm       | I            | 0.1  | 0.1  | 51.5  | -7.5   | 264.0  | 0.2   |
|     |   |              |            | CNT          | 0.1  | 0.1  | 53.0  | -7.5   | 250.9  | 0.2   |
|     |   |              |            | J            | 0.1  | 0.1  | 54.5  | -7.5   | 237.5  | 0.2   |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |       |
| 225 | 1 | 1 c mobili   | Max        | I            | 1.1  | 2.8  | 212.6 | 201.6  | 675.0  | 6.1   |

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|     |   |              |            |              |      |       |        |       |       |     |
|-----|---|--------------|------------|--------------|------|-------|--------|-------|-------|-----|
|     |   |              | CNT        | 1.1          | 2.8  | 212.6 | 201.6  | 627.3 | 5.9   |     |
|     |   |              | J          | 1.1          | 2.8  | 212.6 | 201.6  | 605.0 | 5.7   |     |
|     |   | Min          | I          | -2.2         | -4.0 | -60.6 | -105.1 | -39.1 | -12.0 |     |
|     |   |              | CNT        | -2.2         | -4.0 | -60.6 | -105.1 | -40.2 | -11.6 |     |
|     |   |              | J          | -2.2         | -4.0 | -60.6 | -105.1 | -41.3 | -11.5 |     |
|     |   | pp           | I          | 0.1          | 0.0  | 194.4 | -3.6   | 838.1 | 0.1   |     |
|     |   |              | CNT        | 0.1          | 0.0  | 200.7 | -3.6   | 788.7 | 0.1   |     |
|     |   |              | J          | 0.1          | 0.0  | 207.1 | -3.6   | 737.7 | 0.1   |     |
|     |   | perm         | I          | 0.1          | 0.1  | 54.8  | -7.8   | 237.4 | 0.2   |     |
|     |   |              | CNT        | 0.1          | 0.1  | 56.3  | -7.8   | 223.5 | 0.2   |     |
|     |   |              | J          | 0.1          | 0.1  | 57.8  | -7.8   | 209.2 | 0.1   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |        |       |       |     |
| 226 | 1 | 1 c mobili   | Max        | I            | 1.0  | 2.6   | 220.8  | 208.2 | 605.3 | 5.7 |
|     |   |              |            | CNT          | 1.0  | 2.6   | 220.8  | 208.2 | 553.8 | 5.5 |
|     |   |              |            | J            | 1.0  | 2.6   | 220.8  | 208.2 | 528.3 | 5.3 |
|     |   | Min          | I          | -2.2         | -4.0 | -52.4 | -108.6 | -41.3 | -11.2 |     |
|     |   |              | CNT        | -2.2         | -4.0 | -52.4 | -108.6 | -42.5 | -10.8 |     |
|     |   |              | J          | -2.2         | -4.0 | -52.4 | -108.6 | -43.8 | -10.5 |     |
|     |   | pp           | I          | 0.1          | 0.0  | 207.2 | -3.6   | 737.6 | 0.1   |     |
|     |   |              | CNT        | 0.1          | 0.0  | 213.6 | -3.6   | 685.0 | 0.1   |     |
|     |   |              | J          | 0.1          | 0.0  | 219.9 | -3.6   | 630.9 | 0.1   |     |
|     |   | perm         | I          | 0.1          | 0.1  | 58.1  | -8.0   | 209.1 | 0.1   |     |
|     |   |              | CNT        | 0.1          | 0.1  | 59.6  | -8.0   | 194.4 | 0.1   |     |
|     |   |              | J          | 0.1          | 0.1  | 61.1  | -8.0   | 179.3 | 0.1   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |        |       |       |     |
| 227 | 1 | 1 c mobili   | Max        | I            | 1.0  | 2.5   | 230.1  | 213.6 | 528.7 | 5.2 |
|     |   |              |            | CNT          | 1.0  | 2.5   | 230.1  | 213.6 | 472.7 | 5.0 |
|     |   |              |            | J            | 1.0  | 2.5   | 230.1  | 213.6 | 443.6 | 4.7 |
|     |   | Min          | I          | -2.1         | -4.0 | -42.7 | -111.5 | -43.8 | -10.1 |     |
|     |   |              | CNT        | -2.1         | -4.0 | -42.7 | -111.5 | -45.2 | -9.7  |     |
|     |   |              | J          | -2.1         | -4.0 | -42.7 | -111.5 | -46.6 | -9.3  |     |
|     |   | pp           | I          | 0.1          | -0.0 | 220.0 | -3.7   | 630.8 | 0.1   |     |
|     |   |              | CNT        | 0.1          | -0.0 | 226.4 | -3.7   | 575.0 | 0.1   |     |
|     |   |              | J          | 0.1          | -0.0 | 232.7 | -3.7   | 517.6 | 0.1   |     |
|     |   | perm         | I          | 0.1          | 0.1  | 61.3  | -8.2   | 179.2 | 0.1   |     |
|     |   |              | CNT        | 0.1          | 0.1  | 62.8  | -8.2   | 163.7 | 0.1   |     |
|     |   |              | J          | 0.1          | 0.1  | 64.3  | -8.2   | 147.8 | 0.1   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |        |       |       |     |
| 228 | 1 | 1 c mobili   | Max        | I            | 0.9  | 2.3   | 241.0  | 217.4 | 444.0 | 4.6 |
|     |   |              |            | CNT          | 0.9  | 2.3   | 241.0  | 217.4 | 384.0 | 4.3 |
|     |   |              |            | J            | 0.9  | 2.3   | 241.0  | 217.4 | 349.5 | 4.1 |
|     |   | Min          | I          | -1.9         | -4.1 | -30.8 | -113.7 | -46.6 | -8.8  |     |
|     |   |              | CNT        | -1.9         | -4.1 | -30.8 | -113.7 | -48.2 | -8.4  |     |
|     |   |              | J          | -1.9         | -4.1 | -30.8 | -113.7 | -49.7 | -7.9  |     |
|     |   | pp           | I          | 0.1          | -0.0 | 232.8 | -3.8   | 517.6 | 0.1   |     |
|     |   |              | CNT        | 0.1          | -0.0 | 239.2 | -3.8   | 458.6 | 0.1   |     |
|     |   |              | J          | 0.1          | -0.0 | 245.5 | -3.8   | 398.0 | 0.1   |     |
|     |   | perm         | I          | 0.1          | 0.0  | 64.5  | -8.3   | 147.7 | 0.1   |     |
|     |   |              | CNT        | 0.1          | 0.0  | 66.0  | -8.3   | 131.4 | 0.1   |     |
|     |   |              | J          | 0.1          | 0.0  | 67.5  | -8.3   | 114.7 | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |        |       |       |     |
| 229 | 1 | 1 c mobili   | Max        | I            | 0.8  | 2.2   | 254.1  | 218.7 | 349.9 | 3.8 |
|     |   |              |            | CNT          | 0.8  | 2.2   | 254.1  | 218.7 | 286.5 | 3.5 |
|     |   |              |            | J            | 0.8  | 2.2   | 254.1  | 218.7 | 244.2 | 3.3 |
|     |   | Min          | I          | -1.6         | -4.2 | -20.4 | -115.2 | -49.8 | -7.3  |     |
|     |   |              | CNT        | -1.6         | -4.2 | -20.4 | -115.2 | -51.5 | -6.7  |     |
|     |   |              | J          | -1.6         | -4.2 | -20.4 | -115.2 | -53.3 | -6.2  |     |
|     |   | pp           | I          | 0.1          | -0.0 | 245.6 | -3.8   | 397.9 | 0.1   |     |
|     |   |              | CNT        | 0.1          | -0.0 | 252.0 | -3.8   | 335.7 | 0.1   |     |
|     |   |              | J          | 0.1          | -0.0 | 258.3 | -3.8   | 272.0 | 0.1   |     |
|     |   | perm         | I          | 0.1          | 0.0  | 67.5  | -8.3   | 114.6 | 0.0   |     |
|     |   |              | CNT        | 0.1          | 0.0  | 69.0  | -8.3   | 97.6  | 0.0   |     |
|     |   |              | J          | 0.1          | 0.0  | 70.5  | -8.3   | 80.1  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   |     |

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|     |              |            |                       |      |      |        |        |       |      |
|-----|--------------|------------|-----------------------|------|------|--------|--------|-------|------|
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 230 | 1            | 1 c mobili | Max I                 | 0.7  | 2.1  | 270.3  | 216.6  | 244.5 | 2.9  |
|     |              |            | CNT                   | 0.7  | 2.1  | 270.3  | 216.6  | 177.0 | 2.7  |
|     |              |            | J                     | 0.7  | 2.1  | 270.3  | 216.6  | 124.9 | 2.5  |
|     |              | Min        | I                     | -1.2 | -4.2 | -12.9  | -115.3 | -53.3 | -5.6 |
|     |              |            | CNT                   | -1.2 | -4.2 | -12.9  | -115.3 | -55.3 | -4.7 |
|     |              |            | J                     | -1.2 | -4.2 | -12.9  | -115.3 | -57.3 | -4.1 |
|     |              | pp         | I                     | 0.1  | -0.0 | 258.4  | -3.9   | 271.9 | 0.1  |
|     |              |            | CNT                   | 0.1  | -0.0 | 264.8  | -3.9   | 206.5 | 0.1  |
|     |              |            | J                     | 0.1  | -0.0 | 271.2  | -3.9   | 139.5 | 0.1  |
|     |              | perm       | I                     | 0.0  | 0.0  | 70.3   | -8.2   | 80.0  | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 71.8   | -8.2   | 62.3  | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 73.3   | -8.2   | 44.1  | -0.0 |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 231 | 1            | 1 c mobili | Max I                 | 0.6  | 1.9  | 291.4  | 211.3  | 125.2 | 2.1  |
|     |              |            | CNT                   | 0.6  | 1.9  | 291.4  | 211.3  | 64.2  | 2.1  |
|     |              |            | J                     | 0.6  | 1.9  | 291.4  | 211.3  | 29.7  | 2.1  |
|     |              | Min        | I                     | -0.8 | -4.1 | -4.3   | -113.3 | -57.4 | -3.6 |
|     |              |            | CNT                   | -0.8 | -4.1 | -4.3   | -113.3 | -62.3 | -2.7 |
|     |              |            | J                     | -0.8 | -4.1 | -4.3   | -113.3 | -80.5 | -2.0 |
|     |              | pp         | I                     | 0.0  | 0.0  | 271.3  | -4.0   | 139.5 | 0.1  |
|     |              |            | CNT                   | 0.0  | 0.0  | 277.6  | -4.0   | 70.8  | 0.1  |
|     |              |            | J                     | 0.0  | 0.0  | 284.0  | -4.0   | 0.6   | 0.1  |
|     |              | perm       | I                     | 0.0  | 0.0  | 73.0   | -7.8   | 44.0  | -0.0 |
|     |              |            | CNT                   | 0.0  | 0.0  | 74.5   | -7.8   | 25.6  | -0.0 |
|     |              |            | J                     | 0.0  | 0.0  | 76.0   | -7.8   | 6.8   | -0.0 |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 232 | 1            | 1 c mobili | Max I                 | 0.5  | 1.5  | 44.9   | 198.2  | 29.3  | 1.6  |
|     |              |            | CNT                   | 0.5  | 1.5  | 44.9   | 198.2  | 18.1  | 1.6  |
|     |              |            | J                     | 0.5  | 1.5  | 44.9   | 198.2  | 7.8   | 1.8  |
|     |              | Min        | I                     | -0.5 | -3.7 | -155.6 | -108.2 | -80.3 | -1.7 |
|     |              |            | CNT                   | -0.5 | -3.7 | -155.6 | -108.2 | -41.4 | -1.3 |
|     |              |            | J                     | -0.5 | -3.7 | -155.6 | -108.2 | -11.5 | -1.4 |
|     |              | pp         | I                     | 0.0  | 0.0  | -7.0   | -4.0   | 0.6   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | -0.7   | -4.0   | 1.5   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 5.7    | -4.0   | 0.9   | 0.0  |
|     |              | perm       | I                     | 0.0  | 0.0  | 8.3    | -7.2   | 6.7   | -0.0 |
|     |              |            | CNT                   | 0.0  | 0.0  | 9.8    | -7.2   | 4.4   | -0.0 |
|     |              |            | J                     | 0.0  | 0.0  | 11.3   | -7.2   | 1.7   | -0.0 |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 233 | 2            | 4 c mobili | Max I                 | 1.4  | 0.7  | 131.7  | 24.5   | 63.4  | 0.9  |
|     |              |            | CNT                   | 1.4  | 0.7  | 131.7  | 24.5   | 48.0  | 0.8  |
|     |              |            | J                     | 1.4  | 0.7  | 145.7  | 24.5   | 26.0  | 0.7  |
|     |              | Min        | I                     | -3.2 | -0.7 | -122.4 | -15.4  | -60.2 | -1.4 |
|     |              |            | CNT                   | -3.2 | -0.7 | -122.4 | -15.4  | -51.1 | -1.4 |
|     |              |            | J                     | -3.2 | -0.7 | -83.6  | -15.4  | -59.9 | -1.3 |
|     |              | pp         | I                     | 0.1  | 0.0  | 0.0    | 0.0    | 5.8   | 0.1  |
|     |              |            | CNT                   | 0.1  | 0.0  | 0.0    | 0.0    | 5.8   | 0.1  |
|     |              |            | J                     | 0.1  | 0.0  | 0.0    | 0.0    | 5.8   | 0.1  |
|     |              | perm       | I                     | 0.1  | 0.0  | 0.0    | 0.0    | 9.5   | 0.2  |
|     |              |            | CNT                   | 0.1  | 0.0  | 0.0    | 0.0    | 9.5   | 0.2  |
|     |              |            | J                     | 0.1  | 0.0  | 0.0    | 0.0    | 9.5   | 0.2  |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     | Length = 2   | Type: Beam | Section: traverso cap |      |      |        |        |       |      |
| 234 | 2            | 3 c mobili | Max I                 | 0.9  | 0.3  | 9.9    | 1.5    | 3.2   | 0.3  |
|     |              |            | CNT                   | 0.9  | 0.3  | 9.9    | 1.5    | 6.4   | 0.3  |
|     |              |            | J                     | 0.9  | 0.3  | 79.8   | 1.5    | 2.3   | 0.2  |
|     |              | Min        | I                     | -0.8 | -0.3 | -46.9  | -0.9   | -7.8  | -0.5 |
|     |              |            | CNT                   | -0.8 | -0.3 | -46.9  | -0.9   | -0.1  | -0.5 |
|     |              |            | J                     | -0.8 | -0.3 | -7.7   | -0.9   | -11.8 | -0.5 |
|     |              | pp         | I                     | 0.0  | 0.0  | 0.0    | 0.0    | -0.0  | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | -0.0  | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | -0.0  | 0.0  |
|     |              | perm       | I                     | 0.1  | 0.0  | 0.0    | 0.0    | -0.0  | 0.1  |

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|     |            |            |                  |      |      |       |      |       |      |      |
|-----|------------|------------|------------------|------|------|-------|------|-------|------|------|
|     |            |            | CNT              | 0.1  | 0.0  | 0.0   | 0.0  | -0.0  | 0.1  |      |
|     |            |            | J                | 0.1  | 0.0  | 0.0   | 0.0  | -0.0  | 0.1  |      |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |      |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |      |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |      |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |      |
| 235 | 2          | 3 c mobili | Max              | I    | 1.0  | 0.5   | 6.9  | 1.5   | 2.7  | 0.4  |
|     |            |            |                  | CNT  | 1.0  | 0.5   | 6.9  | 1.5   | 7.0  | 0.3  |
|     |            |            |                  | J    | 1.0  | 0.5   | 75.7 | 1.5   | 1.4  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.5 | -46.6 | -0.9 | -7.5  | -0.5 | -0.5 |
|     |            |            | CNT              | -0.8 | -0.5 | -46.6 | -0.9 | -0.5  | -0.5 | -0.5 |
|     |            |            | J                | -0.8 | -0.5 | -3.5  | -0.9 | -10.2 | -0.5 | -0.5 |
|     |            | pp         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.0  | 0.0  | 0.0  |
|     |            | perm       | I                | 0.1  | 0.0  | 0.0   | 0.0  | -0.1  | 0.1  | 0.1  |
|     |            |            | CNT              | 0.1  | 0.0  | 0.0   | 0.0  | -0.1  | 0.1  | 0.1  |
|     |            |            | J                | 0.1  | 0.0  | 0.0   | 0.0  | -0.1  | 0.1  | 0.1  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |      |
| 236 | 2          | 3 c mobili | Max              | I    | 1.1  | 0.6   | 9.3  | 1.5   | 3.7  | 0.4  |
|     |            |            | CNT              | 1.1  | 0.6  | 9.3   | 1.5  | 7.7   | 0.3  | 0.3  |
|     |            |            | J                | 1.1  | 0.6  | 75.7  | 1.5  | 2.2   | 0.2  | 0.2  |
|     |            | Min        | I                | -0.7 | -0.5 | -47.7 | -0.9 | -7.9  | -0.5 | -0.5 |
|     |            |            | CNT              | -0.7 | -0.5 | -47.7 | -0.9 | -0.8  | -0.5 | -0.5 |
|     |            |            | J                | -0.7 | -0.5 | -2.3  | -0.9 | -10.3 | -0.5 | -0.5 |
|     |            | pp         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            | perm       | I                | 0.1  | 0.0  | 0.0   | 0.0  | -0.2  | 0.1  | 0.1  |
|     |            |            | CNT              | 0.1  | 0.0  | 0.0   | 0.0  | -0.2  | 0.1  | 0.1  |
|     |            |            | J                | 0.1  | 0.0  | 0.0   | 0.0  | -0.2  | 0.1  | 0.1  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |      |
| 237 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.6   | 11.6 | 1.4   | 4.7  | 0.4  |
|     |            |            | CNT              | 1.2  | 0.6  | 11.6  | 1.4  | 8.3   | 0.3  | 0.3  |
|     |            |            | J                | 1.2  | 0.6  | 75.1  | 1.4  | 3.3   | 0.2  | 0.2  |
|     |            | Min        | I                | -0.6 | -0.5 | -50.1 | -0.9 | -8.4  | -0.5 | -0.5 |
|     |            |            | CNT              | -0.6 | -0.5 | -50.1 | -0.9 | -1.2  | -0.5 | -0.5 |
|     |            |            | J                | -0.6 | -0.5 | -4.7  | -0.9 | -10.0 | -0.5 | -0.5 |
|     |            | pp         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            | perm       | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | 0.1  | 0.1  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | 0.1  | 0.1  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | 0.1  | 0.1  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |      |
| 238 | 2          | 3 c mobili | Max              | I    | 1.3  | 0.6   | 13.2 | 1.4   | 5.6  | 0.4  |
|     |            |            | CNT              | 1.3  | 0.6  | 13.2  | 1.4  | 9.0   | 0.2  | 0.2  |
|     |            |            | J                | 1.3  | 0.6  | 75.4  | 1.4  | 4.2   | 0.2  | 0.2  |
|     |            | Min        | I                | -0.6 | -0.5 | -52.0 | -0.9 | -8.7  | -0.5 | -0.5 |
|     |            |            | CNT              | -0.6 | -0.5 | -52.0 | -0.9 | -1.5  | -0.5 | -0.5 |
|     |            |            | J                | -0.6 | -0.5 | -6.7  | -0.9 | -9.8  | -0.5 | -0.5 |
|     |            | pp         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | 0.0  | 0.0  |
|     |            | perm       | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.3  | 0.1  | 0.1  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.3  | 0.1  | 0.1  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.3  | 0.1  | 0.1  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |      |
| 239 | 2          | 3 c mobili | Max              | I    | 1.4  | 0.6   | 14.4 | 1.4   | 6.3  | 0.4  |
|     |            |            | CNT              | 1.4  | 0.6  | 14.4  | 1.4  | 9.7   | 0.2  | 0.2  |
|     |            |            | J                | 1.4  | 0.6  | 75.6  | 1.4  | 5.1   | 0.1  | 0.1  |
|     |            | Min        | I                | -0.6 | -0.5 | -53.4 | -0.9 | -9.0  | -0.5 | -0.5 |
|     |            |            | CNT              | -0.6 | -0.5 | -53.4 | -0.9 | -1.9  | -0.5 | -0.5 |
|     |            |            | J                | -0.6 | -0.5 | -8.2  | -0.9 | -9.5  | -0.5 | -0.5 |

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|     |            |            |            |                  |      |      |       |      |      |      |     |
|-----|------------|------------|------------|------------------|------|------|-------|------|------|------|-----|
|     |            |            | PP         | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | -0.2 | 0.0 |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | -0.2 | 0.0 |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | -0.2 | 0.0 |
|     |            |            | perm       | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | -0.4 | 0.1 |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | -0.4 | 0.1 |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | -0.4 | 0.1 |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 240 | 2          | 3 c mobili | Max        | I                | 1.4  | 0.6  | 15.3  | 1.4  | 7.0  | 0.3  |     |
|     |            |            |            | CNT              | 1.4  | 0.6  | 15.3  | 1.4  | 10.4 | 0.2  |     |
|     |            |            |            | J                | 1.4  | 0.6  | 75.8  | 1.4  | 5.9  | 0.1  |     |
|     |            |            | Min        | I                | -0.6 | -0.5 | -54.5 | -0.9 | -9.1 | -0.5 |     |
|     |            |            |            | CNT              | -0.6 | -0.5 | -54.5 | -0.9 | -2.2 | -0.4 |     |
|     |            |            |            | J                | -0.6 | -0.5 | -9.3  | -0.9 | -9.3 | -0.5 |     |
|     |            |            | PP         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.2 | 0.0  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.2 | 0.0  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.2 | 0.0  |     |
|     |            |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.1  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.1  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.1  |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 241 | 2          | 3 c mobili | Max        | I                | 1.5  | 0.6  | 15.9  | 1.3  | 7.5  | 0.3  |     |
|     |            |            |            | CNT              | 1.5  | 0.6  | 15.9  | 1.3  | 11.0 | 0.2  |     |
|     |            |            |            | J                | 1.5  | 0.6  | 76.0  | 1.3  | 6.6  | 0.1  |     |
|     |            |            | Min        | I                | -0.6 | -0.5 | -55.3 | -0.8 | -9.2 | -0.5 |     |
|     |            |            |            | CNT              | -0.6 | -0.5 | -55.3 | -0.8 | -2.5 | -0.4 |     |
|     |            |            |            | J                | -0.6 | -0.5 | -10.1 | -0.8 | -9.1 | -0.5 |     |
|     |            |            | PP         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.6 | 0.1  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.6 | 0.1  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.6 | 0.1  |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 242 | 2          | 3 c mobili | Max        | I                | 1.5  | 0.6  | 16.4  | 1.3  | 8.1  | 0.3  |     |
|     |            |            |            | CNT              | 1.5  | 0.6  | 16.4  | 1.3  | 11.6 | 0.2  |     |
|     |            |            |            | J                | 1.5  | 0.6  | 76.1  | 1.3  | 7.2  | 0.1  |     |
|     |            |            | Min        | I                | -0.6 | -0.5 | -55.9 | -0.8 | -9.3 | -0.4 |     |
|     |            |            |            | CNT              | -0.6 | -0.5 | -55.9 | -0.8 | -2.7 | -0.4 |     |
|     |            |            |            | J                | -0.6 | -0.5 | -10.8 | -0.8 | -8.9 | -0.5 |     |
|     |            |            | PP         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.6 | 0.1  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.6 | 0.1  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.6 | 0.1  |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 243 | 2          | 3 c mobili | Max        | I                | 1.5  | 0.5  | 16.8  | 1.2  | 8.5  | 0.3  |     |
|     |            |            |            | CNT              | 1.5  | 0.5  | 16.8  | 1.2  | 12.1 | 0.2  |     |
|     |            |            |            | J                | 1.5  | 0.5  | 76.2  | 1.2  | 7.8  | 0.1  |     |
|     |            |            | Min        | I                | -0.6 | -0.5 | -56.4 | -0.8 | -9.4 | -0.4 |     |
|     |            |            |            | CNT              | -0.6 | -0.5 | -56.4 | -0.8 | -3.0 | -0.4 |     |
|     |            |            |            | J                | -0.6 | -0.5 | -11.3 | -0.8 | -8.7 | -0.4 |     |
|     |            |            | PP         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |     |
|     |            |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.7 | 0.0  |     |
|     |            |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.7 | 0.0  |     |
|     |            |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.7 | 0.0  |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 244 | 2          | 3 c mobili | Max        | I                | 1.5  | 0.5  | 17.2  | 1.1  | 8.9  | 0.3  |     |
|     |            |            |            | CNT              | 1.5  | 0.5  | 17.2  | 1.1  | 12.6 | 0.2  |     |



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|     |            |                |                  |      |      |       |      |      |      |
|-----|------------|----------------|------------------|------|------|-------|------|------|------|
|     |            |                | J                | 1.5  | 0.5  | 76.3  | 1.1  | 8.3  | 0.1  |
|     |            | Min            | I                | -0.6 | -0.5 | -56.9 | -0.7 | -9.4 | -0.4 |
|     |            |                | CNT              | -0.6 | -0.5 | -56.9 | -0.7 | -3.2 | -0.4 |
|     |            |                | J                | -0.6 | -0.5 | -11.7 | -0.7 | -8.5 | -0.4 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.3 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 245 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 17.4  | 1.1  | 9.3  | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 17.4  | 1.1  | 13.0 | 0.2  |
|     |            |                | J                | 1.5  | 0.5  | 76.4  | 1.1  | 8.7  | 0.1  |
|     |            | Min            | I                | -0.6 | -0.5 | -57.2 | -0.7 | -9.5 | -0.4 |
|     |            |                | CNT              | -0.6 | -0.5 | -57.2 | -0.7 | -3.4 | -0.4 |
|     |            |                | J                | -0.6 | -0.5 | -12.1 | -0.7 | -8.4 | -0.4 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 246 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 17.6  | 1.0  | 9.6  | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 17.6  | 1.0  | 13.4 | 0.2  |
|     |            |                | J                | 1.5  | 0.5  | 76.5  | 1.0  | 9.1  | 0.1  |
|     |            | Min            | I                | -0.6 | -0.5 | -57.5 | -0.6 | -9.5 | -0.4 |
|     |            |                | CNT              | -0.6 | -0.5 | -57.5 | -0.6 | -3.6 | -0.4 |
|     |            |                | J                | -0.6 | -0.5 | -12.4 | -0.6 | -8.2 | -0.4 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 247 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 17.8  | 1.0  | 9.9  | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 17.8  | 1.0  | 13.7 | 0.2  |
|     |            |                | J                | 1.5  | 0.5  | 76.6  | 1.0  | 9.5  | 0.2  |
|     |            | Min            | I                | -0.6 | -0.5 | -57.7 | -0.6 | -9.5 | -0.4 |
|     |            |                | CNT              | -0.6 | -0.5 | -57.7 | -0.6 | -3.8 | -0.3 |
|     |            |                | J                | -0.6 | -0.5 | -12.6 | -0.6 | -8.1 | -0.4 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |      |      |
| 248 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 18.0  | 0.9  | 10.2 | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 18.0  | 0.9  | 14.1 | 0.2  |
|     |            |                | J                | 1.5  | 0.5  | 76.6  | 0.9  | 9.7  | 0.2  |
|     |            | Min            | I                | -0.6 | -0.5 | -57.9 | -0.6 | -9.5 | -0.4 |
|     |            |                | CNT              | -0.6 | -0.5 | -57.9 | -0.6 | -3.9 | -0.3 |
|     |            |                | J                | -0.6 | -0.5 | -12.8 | -0.6 | -7.9 | -0.4 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |

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| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |       |      |      |      |
|------------|---|------------|------------------|-----|------|------|-------|------|------|------|
| 249        | 2 | 3 c mobili | Max              | I   | 1.5  | 0.5  | 18.1  | 0.8  | 10.4 | 0.3  |
|            |   |            |                  | CNT | 1.5  | 0.5  | 18.1  | 0.8  | 14.3 | 0.2  |
|            |   |            |                  | J   | 1.5  | 0.5  | 76.7  | 0.8  | 10.0 | 0.2  |
|            |   |            | Min              | I   | -0.6 | -0.5 | -58.1 | -0.6 | -9.6 | -0.4 |
|            |   |            |                  | CNT | -0.6 | -0.5 | -58.1 | -0.6 | -4.1 | -0.3 |
|            |   |            |                  | J   | -0.6 | -0.5 | -13.0 | -0.6 | -7.8 | -0.4 |
|            |   |            | pp               | I   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            | perm             | I   | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |       |      |      |      |
|------------|---|------------|------------------|-----|------|------|-------|------|------|------|
| 250        | 2 | 3 c mobili | Max              | I   | 1.5  | 0.5  | 18.2  | 0.8  | 10.6 | 0.3  |
|            |   |            |                  | CNT | 1.5  | 0.5  | 18.2  | 0.8  | 14.5 | 0.2  |
|            |   |            |                  | J   | 1.5  | 0.5  | 76.7  | 0.8  | 10.2 | 0.2  |
|            |   |            | Min              | I   | -0.5 | -0.5 | -58.2 | -0.5 | -9.6 | -0.3 |
|            |   |            |                  | CNT | -0.5 | -0.5 | -58.2 | -0.5 | -4.2 | -0.3 |
|            |   |            |                  | J   | -0.5 | -0.5 | -13.1 | -0.5 | -7.7 | -0.3 |
|            |   |            | pp               | I   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            | perm             | I   | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |       |      |      |      |
|------------|---|------------|------------------|-----|------|------|-------|------|------|------|
| 251        | 2 | 3 c mobili | Max              | I   | 1.5  | 0.5  | 18.3  | 0.7  | 10.7 | 0.3  |
|            |   |            |                  | CNT | 1.5  | 0.5  | 18.3  | 0.7  | 14.7 | 0.2  |
|            |   |            |                  | J   | 1.5  | 0.5  | 76.7  | 0.7  | 10.4 | 0.2  |
|            |   |            | Min              | I   | -0.5 | -0.5 | -58.3 | -0.5 | -9.6 | -0.3 |
|            |   |            |                  | CNT | -0.5 | -0.5 | -58.3 | -0.5 | -4.3 | -0.3 |
|            |   |            |                  | J   | -0.5 | -0.5 | -13.3 | -0.5 | -7.7 | -0.3 |
|            |   |            | pp               | I   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | 0.0  |
|            |   |            | perm             | I   | -0.0 | 0.0  | 0.0   | 0.0  | -1.1 | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -1.1 | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -1.1 | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |       |      |       |      |
|------------|---|------------|------------------|-----|------|------|-------|------|-------|------|
| 252        | 2 | 3 c mobili | Max              | I   | 1.5  | 0.5  | 18.3  | 0.6  | 10.8  | 0.3  |
|            |   |            |                  | CNT | 1.5  | 0.5  | 18.3  | 0.6  | 14.9  | 0.2  |
|            |   |            |                  | J   | 1.5  | 0.5  | 76.8  | 0.6  | 10.5  | 0.2  |
|            |   |            | Min              | I   | -0.5 | -0.5 | -58.4 | -0.5 | -10.1 | -0.3 |
|            |   |            |                  | CNT | -0.5 | -0.5 | -58.4 | -0.5 | -4.3  | -0.3 |
|            |   |            |                  | J   | -0.5 | -0.5 | -13.3 | -0.5 | -7.6  | -0.3 |
|            |   |            | pp               | I   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |
|            |   |            | perm             | I   | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |       |      |       |      |
|------------|---|------------|------------------|-----|------|------|-------|------|-------|------|
| 253        | 2 | 3 c mobili | Max              | I   | 1.5  | 0.5  | 18.4  | 0.6  | 10.9  | 0.3  |
|            |   |            |                  | CNT | 1.5  | 0.5  | 18.4  | 0.6  | 15.0  | 0.2  |
|            |   |            |                  | J   | 1.5  | 0.5  | 76.8  | 0.6  | 10.6  | 0.2  |
|            |   |            | Min              | I   | -0.5 | -0.5 | -58.5 | -0.5 | -10.2 | -0.3 |
|            |   |            |                  | CNT | -0.5 | -0.5 | -58.5 | -0.5 | -4.4  | -0.3 |
|            |   |            |                  | J   | -0.5 | -0.5 | -13.4 | -0.5 | -7.6  | -0.3 |
|            |   |            | pp               | I   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |
|            |   |            |                  | J   | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |
|            |   |            | perm             | I   | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |
|            |   |            |                  | CNT | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |

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|     |            |            |                  |      |      |       |      |       |      |     |
|-----|------------|------------|------------------|------|------|-------|------|-------|------|-----|
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 254 | 2          | 3 c mobili | Max              | I    | 1.5  | 0.5   | 18.4 | 0.5   | 11.0 | 0.3 |
|     |            |            |                  | CNT  | 1.5  | 0.5   | 18.4 | 0.5   | 15.1 | 0.2 |
|     |            |            |                  | J    | 1.5  | 0.5   | 76.8 | 0.5   | 10.7 | 0.2 |
|     |            | Min        | I                | -0.5 | -0.5 | -58.5 | -0.5 | -10.2 | -0.3 |     |
|     |            |            | CNT              | -0.5 | -0.5 | -58.5 | -0.5 | -4.4  | -0.3 |     |
|     |            |            | J                | -0.5 | -0.5 | -13.5 | -0.5 | -7.5  | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 255 | 2          | 3 c mobili | Max              | I    | 1.5  | 0.5   | 18.4 | 0.5   | 11.0 | 0.3 |
|     |            |            |                  | CNT  | 1.5  | 0.5   | 18.4 | 0.5   | 15.1 | 0.2 |
|     |            |            |                  | J    | 1.5  | 0.5   | 76.8 | 0.5   | 10.7 | 0.3 |
|     |            | Min        | I                | -0.5 | -0.5 | -58.6 | -0.4 | -10.2 | -0.3 |     |
|     |            |            | CNT              | -0.5 | -0.5 | -58.6 | -0.4 | -4.4  | -0.3 |     |
|     |            |            | J                | -0.5 | -0.5 | -13.5 | -0.4 | -7.5  | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 256 | 2          | 3 c mobili | Max              | I    | 1.5  | 0.5   | 18.4 | 0.4   | 10.9 | 0.3 |
|     |            |            |                  | CNT  | 1.5  | 0.5   | 18.4 | 0.4   | 15.1 | 0.3 |
|     |            |            |                  | J    | 1.5  | 0.5   | 76.8 | 0.4   | 10.7 | 0.3 |
|     |            | Min        | I                | -0.5 | -0.5 | -58.6 | -0.4 | -10.2 | -0.3 |     |
|     |            |            | CNT              | -0.5 | -0.5 | -58.6 | -0.4 | -4.4  | -0.3 |     |
|     |            |            | J                | -0.5 | -0.5 | -13.5 | -0.4 | -7.5  | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 257 | 2          | 3 c mobili | Max              | I    | 1.5  | 0.5   | 18.4 | 0.4   | 11.0 | 0.3 |
|     |            |            |                  | CNT  | 1.5  | 0.5   | 18.4 | 0.4   | 15.1 | 0.3 |
|     |            |            |                  | J    | 1.5  | 0.5   | 76.8 | 0.4   | 10.7 | 0.3 |
|     |            | Min        | I                | -0.5 | -0.5 | -58.6 | -0.5 | -10.2 | -0.3 |     |
|     |            |            | CNT              | -0.5 | -0.5 | -58.6 | -0.5 | -4.4  | -0.2 |     |
|     |            |            | J                | -0.5 | -0.5 | -13.5 | -0.5 | -7.5  | -0.3 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |     |
|     |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |     |
|     |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |     |
|     |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 258 | 2          | 3 c mobili | Max              | I    | 1.5  | 0.5   | 18.4 | 0.5   | 11.0 | 0.3 |
|     |            |            |                  | CNT  | 1.5  | 0.5   | 18.4 | 0.5   | 15.1 | 0.3 |
|     |            |            |                  | J    | 1.5  | 0.5   | 76.8 | 0.5   | 10.7 | 0.3 |
|     |            | Min        | I                | -0.5 | -0.5 | -58.5 | -0.5 | -10.2 | -0.3 |     |
|     |            |            | CNT              | -0.5 | -0.5 | -58.5 | -0.5 | -4.4  | -0.2 |     |
|     |            |            | J                | -0.5 | -0.5 | -13.5 | -0.5 | -7.5  | -0.2 |     |
|     |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |     |

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|     |            |                |                  |      |      |       |      |       |      |
|-----|------------|----------------|------------------|------|------|-------|------|-------|------|
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |       |      |
| 259 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 18.4  | 0.5  | 10.9  | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 18.4  | 0.5  | 15.0  | 0.3  |
|     |            |                | J                | 1.5  | 0.5  | 76.8  | 0.5  | 10.6  | 0.3  |
|     |            | Min            | I                | -0.5 | -0.5 | -58.5 | -0.6 | -10.2 | -0.3 |
|     |            |                | CNT              | -0.5 | -0.5 | -58.5 | -0.6 | -4.4  | -0.2 |
|     |            |                | J                | -0.5 | -0.5 | -13.4 | -0.6 | -7.6  | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |       |      |
| 260 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 18.3  | 0.5  | 10.8  | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 18.3  | 0.5  | 14.9  | 0.3  |
|     |            |                | J                | 1.5  | 0.5  | 76.8  | 0.5  | 10.5  | 0.3  |
|     |            | Min            | I                | -0.5 | -0.5 | -58.4 | -0.6 | -10.1 | -0.3 |
|     |            |                | CNT              | -0.5 | -0.5 | -58.4 | -0.6 | -4.3  | -0.2 |
|     |            |                | J                | -0.5 | -0.5 | -13.3 | -0.6 | -7.6  | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |       |      |
| 261 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 18.3  | 0.5  | 10.7  | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 18.3  | 0.5  | 14.7  | 0.3  |
|     |            |                | J                | 1.5  | 0.5  | 76.7  | 0.5  | 10.4  | 0.3  |
|     |            | Min            | I                | -0.5 | -0.5 | -58.3 | -0.7 | -9.6  | -0.3 |
|     |            |                | CNT              | -0.5 | -0.5 | -58.3 | -0.7 | -4.3  | -0.2 |
|     |            |                | J                | -0.5 | -0.5 | -13.3 | -0.7 | -7.7  | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.1  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |       |      |
| 262 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 18.2  | 0.5  | 10.6  | 0.3  |
|     |            |                | CNT              | 1.5  | 0.5  | 18.2  | 0.5  | 14.5  | 0.3  |
|     |            |                | J                | 1.5  | 0.5  | 76.7  | 0.5  | 10.2  | 0.3  |
|     |            | Min            | I                | -0.5 | -0.5 | -58.2 | -0.8 | -9.6  | -0.3 |
|     |            |                | CNT              | -0.5 | -0.5 | -58.2 | -0.8 | -4.2  | -0.2 |
|     |            |                | J                | -0.5 | -0.5 | -13.1 | -0.8 | -7.7  | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5  | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0  | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.0  | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |       |      |       |      |
| 263 | 2          | 3 c mobili Max | I                | 1.5  | 0.5  | 18.1  | 0.6  | 10.4  | 0.4  |
|     |            |                | CNT              | 1.5  | 0.5  | 18.1  | 0.6  | 14.3  | 0.3  |
|     |            |                | J                | 1.5  | 0.5  | 76.7  | 0.6  | 10.0  | 0.4  |

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|     |   |            |            |                  |      |      |       |      |      |      |
|-----|---|------------|------------|------------------|------|------|-------|------|------|------|
|     |   |            | Min        | I                | -0.6 | -0.5 | -58.1 | -0.8 | -9.6 | -0.3 |
|     |   |            |            | CNT              | -0.6 | -0.5 | -58.1 | -0.8 | -4.1 | -0.2 |
|     |   |            |            | J                | -0.6 | -0.5 | -13.0 | -0.8 | -7.8 | -0.2 |
|     |   |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | -0.0 |
|     |   |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | -0.0 |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 264 | 2 | 3 c mobili | Max        | I                | 1.5  | 0.5  | 18.0  | 0.6  | 10.2 | 0.4  |
|     |   |            |            | CNT              | 1.5  | 0.5  | 18.0  | 0.6  | 14.1 | 0.3  |
|     |   |            |            | J                | 1.5  | 0.5  | 76.6  | 0.6  | 9.7  | 0.4  |
|     |   |            | Min        | I                | -0.6 | -0.5 | -57.9 | -0.9 | -9.5 | -0.3 |
|     |   |            |            | CNT              | -0.6 | -0.5 | -57.9 | -0.9 | -3.9 | -0.2 |
|     |   |            |            | J                | -0.6 | -0.5 | -12.8 | -0.9 | -7.9 | -0.2 |
|     |   |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.5 | -0.0 |
|     |   |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -1.0 | -0.0 |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 265 | 2 | 3 c mobili | Max        | I                | 1.5  | 0.5  | 17.8  | 0.6  | 9.9  | 0.4  |
|     |   |            |            | CNT              | 1.5  | 0.5  | 17.8  | 0.6  | 13.7 | 0.3  |
|     |   |            |            | J                | 1.5  | 0.5  | 76.6  | 0.6  | 9.5  | 0.4  |
|     |   |            | Min        | I                | -0.6 | -0.5 | -57.7 | -1.0 | -9.5 | -0.3 |
|     |   |            |            | CNT              | -0.6 | -0.5 | -57.7 | -1.0 | -3.8 | -0.2 |
|     |   |            |            | J                | -0.6 | -0.5 | -12.6 | -1.0 | -8.1 | -0.2 |
|     |   |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | -0.0 |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 266 | 2 | 3 c mobili | Max        | I                | 1.5  | 0.5  | 17.6  | 0.6  | 9.6  | 0.4  |
|     |   |            |            | CNT              | 1.5  | 0.5  | 17.6  | 0.6  | 13.4 | 0.4  |
|     |   |            |            | J                | 1.5  | 0.5  | 76.5  | 0.6  | 9.1  | 0.4  |
|     |   |            | Min        | I                | -0.6 | -0.5 | -57.5 | -1.0 | -9.5 | -0.3 |
|     |   |            |            | CNT              | -0.6 | -0.5 | -57.5 | -1.0 | -3.6 | -0.2 |
|     |   |            |            | J                | -0.6 | -0.5 | -12.4 | -1.0 | -8.2 | -0.1 |
|     |   |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.9 | -0.0 |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 267 | 2 | 3 c mobili | Max        | I                | 1.5  | 0.5  | 17.4  | 0.7  | 9.3  | 0.4  |
|     |   |            |            | CNT              | 1.5  | 0.5  | 17.4  | 0.7  | 13.0 | 0.4  |
|     |   |            |            | J                | 1.5  | 0.5  | 76.4  | 0.7  | 8.7  | 0.4  |
|     |   |            | Min        | I                | -0.6 | -0.5 | -57.2 | -1.1 | -9.5 | -0.3 |
|     |   |            |            | CNT              | -0.6 | -0.5 | -57.2 | -1.1 | -3.4 | -0.2 |
|     |   |            |            | J                | -0.6 | -0.5 | -12.1 | -1.1 | -8.4 | -0.1 |
|     |   |            | pp         | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.4 | -0.0 |
|     |   |            | perm       | I                | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | 0.0   | 0.0  | -0.8 | -0.0 |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |

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|            |      |            |                  |      |            |                  |       |      |      |      |      |      |     |
|------------|------|------------|------------------|------|------------|------------------|-------|------|------|------|------|------|-----|
| Length = 2 |      | Type: Beam | Section: soletta |      |            |                  |       |      |      |      |      |      |     |
| 268        | 2    | 3 c mobili | Max              | I    | 1.5        | 0.5              | 17.2  | 0.7  | 8.9  | 0.4  |      |      |     |
|            |      |            |                  | CNT  | 1.5        | 0.5              | 17.2  | 0.7  | 12.6 | 0.4  |      |      |     |
|            |      |            |                  | J    | 1.5        | 0.5              | 76.3  | 0.7  | 8.3  | 0.4  |      |      |     |
|            |      |            | Min              | I    | -0.6       | -0.5             | -56.9 | -1.1 | -9.4 | -0.3 |      |      |     |
|            |      |            |                  | CNT  | -0.6       | -0.5             | -56.9 | -1.1 | -3.2 | -0.2 |      |      |     |
|            |      |            |                  | J    | -0.6       | -0.5             | -11.7 | -1.1 | -8.5 | -0.1 |      |      |     |
|            |      |            |                  | PP   | I          | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      |            |                  | perm | I          | -0.0             | 0.0   | 0.0  | 0.0  | -0.8 | -0.0 |      |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.0  | 0.0  | -0.8 | -0.0 |      |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.0  | 0.0  | -0.8 | -0.0 |      |     |
|            |      |            |                  | acc  | I          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      |            |                  |      | CNT        | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      |            |                  |      | J          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |       |      |      |      |      |      |     |
|            |      |            | 269              | 2    | 3 c mobili | Max              | I     | 1.5  | 0.5  | 16.8 | 0.8  | 8.5  | 0.4 |
|            |      |            |                  |      |            |                  | CNT   | 1.5  | 0.5  | 16.8 | 0.8  | 12.1 | 0.4 |
|            | J    | 1.5        |                  |      |            | 0.5              | 76.2  | 0.8  | 7.8  | 0.4  |      |      |     |
| Min        | I    | -0.6       |                  |      |            | -0.5             | -56.4 | -1.2 | -9.4 | -0.3 |      |      |     |
|            | CNT  | -0.6       |                  |      |            | -0.5             | -56.4 | -1.2 | -3.0 | -0.2 |      |      |     |
|            | J    | -0.6       |                  |      |            | -0.5             | -11.3 | -1.2 | -8.7 | -0.1 |      |      |     |
|            | PP   | I          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      | CNT        |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      | J          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            | perm | I          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.7 | -0.0 |      |     |
|            |      | CNT        |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.7 | -0.0 |      |     |
|            |      | J          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.7 | -0.0 |      |     |
|            | acc  | I          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      | CNT        |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      | J          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |       |      |      |      |      |      |     |
| 270        | 2    | 3 c mobili |                  |      |            | Max              | I     | 1.5  | 0.5  | 16.4 | 0.8  | 8.1  | 0.4 |
|            |      |            |                  |      |            |                  | CNT   | 1.5  | 0.5  | 16.4 | 0.8  | 11.6 | 0.4 |
|            |      |            |                  | J    | 1.5        | 0.5              | 76.1  | 0.8  | 7.2  | 0.5  |      |      |     |
|            |      |            | Min              | I    | -0.6       | -0.6             | -55.9 | -1.3 | -9.3 | -0.3 |      |      |     |
|            |      |            |                  | CNT  | -0.6       | -0.6             | -55.9 | -1.3 | -2.7 | -0.2 |      |      |     |
|            |      |            |                  | J    | -0.6       | -0.6             | -10.8 | -1.3 | -8.9 | -0.1 |      |      |     |
|            |      |            |                  | PP   | I          | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      |            |                  | perm | I          | -0.0             | 0.0   | 0.0  | 0.0  | -0.6 | -0.1 |      |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.0  | 0.0  | -0.6 | -0.1 |      |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.0  | 0.0  | -0.6 | -0.1 |      |     |
|            |      |            |                  | acc  | I          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      |            |                  |      | CNT        | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      |            |                  |      | J          | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |       |      |      |      |      |      |     |
|            |      |            | 271              | 2    | 3 c mobili | Max              | I     | 1.5  | 0.5  | 15.9 | 0.8  | 7.5  | 0.5 |
|            |      |            |                  |      |            |                  | CNT   | 1.5  | 0.5  | 15.9 | 0.8  | 11.0 | 0.4 |
|            | J    | 1.5        |                  |      |            | 0.5              | 76.0  | 0.8  | 6.6  | 0.5  |      |      |     |
| Min        | I    | -0.6       |                  |      |            | -0.6             | -55.3 | -1.3 | -9.2 | -0.3 |      |      |     |
|            | CNT  | -0.6       |                  |      |            | -0.6             | -55.3 | -1.3 | -2.5 | -0.2 |      |      |     |
|            | J    | -0.6       |                  |      |            | -0.6             | -10.1 | -1.3 | -9.1 | -0.1 |      |      |     |
|            | PP   | I          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      | CNT        |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            |      | J          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.3 | -0.0 |      |     |
|            | perm | I          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.6 | -0.1 |      |     |
|            |      | CNT        |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.6 | -0.1 |      |     |
|            |      | J          |                  |      |            | -0.0             | 0.0   | 0.0  | 0.0  | -0.6 | -0.1 |      |     |
|            | acc  | I          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      | CNT        |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
|            |      | J          |                  |      |            | 0.0              | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |      |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |       |      |      |      |      |      |     |
| 272        | 2    | 3 c mobili |                  |      |            | Max              | I     | 1.4  | 0.5  | 15.3 | 0.9  | 7.0  | 0.5 |
|            |      |            |                  |      |            |                  | CNT   | 1.4  | 0.5  | 15.3 | 0.9  | 10.4 | 0.4 |
|            |      |            |                  | J    | 1.4        | 0.5              | 75.8  | 0.9  | 5.9  | 0.5  |      |      |     |
|            |      |            | Min              | I    | -0.6       | -0.6             | -54.5 | -1.4 | -9.1 | -0.3 |      |      |     |
|            |      |            |                  | CNT  | -0.6       | -0.6             | -54.5 | -1.4 | -2.2 | -0.2 |      |      |     |
|            |      |            |                  | J    | -0.6       | -0.6             | -9.3  | -1.4 | -9.3 | -0.1 |      |      |     |
|            |      |            |                  | PP   | I          | -0.0             | 0.0   | 0.0  | 0.0  | -0.2 | -0.0 |      |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.0  | 0.0  | -0.2 | -0.0 |      |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.0  | 0.0  | -0.2 | -0.0 |      |     |
|            |      |            |                  | perm | I          | -0.0             | 0.0   | 0.0  | 0.0  | -0.5 | -0.1 |      |     |
|            |      |            |                  |      | CNT        | -0.0             | 0.0   | 0.0  | 0.0  | -0.5 | -0.1 |      |     |
|            |      |            |                  |      | J          | -0.0             | 0.0   | 0.0  | 0.0  | -0.5 | -0.1 |      |     |

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|     |            |            |            |                  |      |      |       |      |       |      |     |
|-----|------------|------------|------------|------------------|------|------|-------|------|-------|------|-----|
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0 |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0 |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  | 0.0 |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 273 | 2          | 3 c mobili | Max        | I                | 1.4  | 0.5  | 14.4  | 0.9  | 6.3   | 0.5  |     |
|     |            |            |            | CNT              | 1.4  | 0.5  | 14.4  | 0.9  | 9.7   | 0.5  |     |
|     |            |            |            | J                | 1.4  | 0.5  | 75.6  | 0.9  | 5.1   | 0.5  |     |
|     |            |            | Min        | I                | -0.6 | -0.6 | -53.4 | -1.4 | -9.0  | -0.4 |     |
|     |            |            |            | CNT              | -0.6 | -0.6 | -53.4 | -1.4 | -1.9  | -0.2 |     |
|     |            |            |            | J                | -0.6 | -0.6 | -8.2  | -1.4 | -9.5  | -0.1 |     |
|     |            |            | PP         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | -0.0 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | -0.0 |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | -0.0 |     |
|     |            |            | perm       | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.4  | -0.1 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.4  | -0.1 |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.4  | -0.1 |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 274 | 2          | 3 c mobili | Max        | I                | 1.3  | 0.5  | 13.2  | 0.9  | 5.6   | 0.5  |     |
|     |            |            |            | CNT              | 1.3  | 0.5  | 13.2  | 0.9  | 9.0   | 0.5  |     |
|     |            |            |            | J                | 1.3  | 0.5  | 75.4  | 0.9  | 4.2   | 0.5  |     |
|     |            |            | Min        | I                | -0.6 | -0.6 | -52.0 | -1.4 | -8.7  | -0.4 |     |
|     |            |            |            | CNT              | -0.6 | -0.6 | -52.0 | -1.4 | -1.5  | -0.2 |     |
|     |            |            |            | J                | -0.6 | -0.6 | -6.7  | -1.4 | -9.8  | -0.2 |     |
|     |            |            | PP         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            | perm       | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.3  | -0.1 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.3  | -0.1 |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.3  | -0.1 |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 275 | 2          | 3 c mobili | Max        | I                | 1.2  | 0.5  | 11.6  | 0.9  | 4.7   | 0.5  |     |
|     |            |            |            | CNT              | 1.2  | 0.5  | 11.6  | 0.9  | 8.3   | 0.5  |     |
|     |            |            |            | J                | 1.2  | 0.5  | 75.1  | 0.9  | 3.3   | 0.5  |     |
|     |            |            | Min        | I                | -0.6 | -0.6 | -50.1 | -1.4 | -8.4  | -0.4 |     |
|     |            |            |            | CNT              | -0.6 | -0.6 | -50.1 | -1.4 | -1.2  | -0.3 |     |
|     |            |            |            | J                | -0.6 | -0.6 | -4.7  | -1.4 | -10.0 | -0.2 |     |
|     |            |            | PP         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            | perm       | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | -0.1 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | -0.1 |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.2  | -0.1 |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 276 | 2          | 3 c mobili | Max        | I                | 1.1  | 0.5  | 9.3   | 0.9  | 3.7   | 0.5  |     |
|     |            |            |            | CNT              | 1.1  | 0.5  | 9.3   | 0.9  | 7.7   | 0.5  |     |
|     |            |            |            | J                | 1.1  | 0.5  | 75.7  | 0.9  | 2.2   | 0.5  |     |
|     |            |            | Min        | I                | -0.7 | -0.6 | -47.7 | -1.5 | -7.9  | -0.4 |     |
|     |            |            |            | CNT              | -0.7 | -0.6 | -47.7 | -1.5 | -0.8  | -0.3 |     |
|     |            |            |            | J                | -0.7 | -0.6 | -2.3  | -1.5 | -10.3 | -0.2 |     |
|     |            |            | PP         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | -0.1  | -0.0 |     |
|     |            |            | perm       | I                | 0.1  | 0.0  | 0.0   | 0.0  | -0.2  | -0.1 |     |
|     |            |            |            | CNT              | 0.1  | 0.0  | 0.0   | 0.0  | -0.2  | -0.1 |     |
|     |            |            |            | J                | 0.1  | 0.0  | 0.0   | 0.0  | -0.2  | -0.1 |     |
|     |            |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     |            |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |     |
|     | Length = 2 |            | Type: Beam | Section: soletta |      |      |       |      |       |      |     |
| 277 | 2          | 3 c mobili | Max        | I                | 1.0  | 0.5  | 6.9   | 0.9  | 2.7   | 0.5  |     |
|     |            |            |            | CNT              | 1.0  | 0.5  | 6.9   | 0.9  | 7.0   | 0.5  |     |
|     |            |            |            | J                | 1.0  | 0.5  | 75.7  | 0.9  | 1.4   | 0.5  |     |
|     |            |            | Min        | I                | -0.8 | -0.5 | -46.6 | -1.5 | -7.5  | -0.4 |     |
|     |            |            |            | CNT              | -0.8 | -0.5 | -46.6 | -1.5 | -0.5  | -0.3 |     |
|     |            |            |            | J                | -0.8 | -0.5 | -3.5  | -1.5 | -10.2 | -0.2 |     |
|     |            |            | PP         | I                | 0.0  | 0.0  | 0.0   | 0.0  | -0.0  | -0.0 |     |
|     |            |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | -0.0  | -0.0 |     |

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|     |              |            |                       |      |      |        |        |       |       |      |
|-----|--------------|------------|-----------------------|------|------|--------|--------|-------|-------|------|
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | -0.0  | -0.0  |      |
|     |              | perm       | I                     | 0.1  | 0.0  | 0.0    | 0.0    | -0.1  | -0.1  |      |
|     |              |            | CNT                   | 0.1  | 0.0  | 0.0    | 0.0    | -0.1  | -0.1  |      |
|     |              |            | J                     | 0.1  | 0.0  | 0.0    | 0.0    | -0.1  | -0.1  |      |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   |      |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   |      |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   |      |
|     | Length = 2   | Type: Beam | Section: soletta      |      |      |        |        |       |       |      |
| 278 | 2            | 3 c mobili | Max                   | I    | 0.9  | 0.3    | 9.9    | 0.9   | 3.2   | 0.5  |
|     |              |            |                       | CNT  | 0.9  | 0.3    | 9.9    | 0.9   | 6.4   | 0.5  |
|     |              |            |                       | J    | 0.9  | 0.3    | 79.8   | 0.9   | 2.3   | 0.5  |
|     |              | Min        | I                     | -0.8 | -0.3 | -46.9  | -1.5   | -7.8  | -0.3  | -0.3 |
|     |              |            | CNT                   | -0.8 | -0.3 | -46.9  | -1.5   | -0.1  | -0.3  | -0.3 |
|     |              |            | J                     | -0.8 | -0.3 | -7.7   | -1.5   | -11.8 | -0.2  | -0.2 |
|     |              | pp         | I                     | 0.0  | 0.0  | 0.0    | 0.0    | -0.0  | -0.0  | -0.0 |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | -0.0  | -0.0  | -0.0 |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | -0.0  | -0.0  | -0.0 |
|     |              | perm       | I                     | 0.1  | 0.0  | 0.0    | 0.0    | -0.0  | -0.1  | -0.1 |
|     |              |            | CNT                   | 0.1  | 0.0  | 0.0    | 0.0    | -0.0  | -0.1  | -0.1 |
|     |              |            | J                     | 0.1  | 0.0  | 0.0    | 0.0    | -0.0  | -0.1  | -0.1 |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 2   | Type: Beam | Section: soletta      |      |      |        |        |       |       |      |
| 279 | 2            | 4 c mobili | Max                   | I    | 1.4  | 0.7    | 131.7  | 15.4  | 63.4  | 1.4  |
|     |              |            | CNT                   | 1.4  | 0.7  | 131.7  | 15.4   | 48.0  | 1.4   | 1.4  |
|     |              |            | J                     | 1.4  | 0.7  | 145.7  | 15.4   | 26.0  | 1.3   | 1.3  |
|     |              | Min        | I                     | -3.2 | -0.7 | -122.4 | -24.5  | -60.2 | -0.9  | -0.9 |
|     |              |            | CNT                   | -3.2 | -0.7 | -122.4 | -24.5  | -51.1 | -0.8  | -0.8 |
|     |              |            | J                     | -3.2 | -0.7 | -83.6  | -24.5  | -59.9 | -0.7  | -0.7 |
|     |              | pp         | I                     | 0.1  | 0.0  | 0.0    | 0.0    | 5.8   | -0.1  | -0.1 |
|     |              |            | CNT                   | 0.1  | 0.0  | 0.0    | 0.0    | 5.8   | -0.1  | -0.1 |
|     |              |            | J                     | 0.1  | 0.0  | 0.0    | 0.0    | 5.8   | -0.1  | -0.1 |
|     |              | perm       | I                     | 0.1  | 0.0  | 0.0    | 0.0    | 9.5   | -0.2  | -0.2 |
|     |              |            | CNT                   | 0.1  | 0.0  | 0.0    | 0.0    | 9.5   | -0.2  | -0.2 |
|     |              |            | J                     | 0.1  | 0.0  | 0.0    | 0.0    | 9.5   | -0.2  | -0.2 |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 2   | Type: Beam | Section: traverso cap |      |      |        |        |       |       |      |
| 280 | 1            | 1 c mobili | Max                   | I    | 1.1  | 0.7    | 173.3  | 141.2 | 5.5   | 0.7  |
|     |              |            | CNT                   | 1.1  | 0.7  | 173.3  | 141.2  | 15.0  | 0.9   | 0.9  |
|     |              |            | J                     | 1.1  | 0.7  | 173.3  | 141.2  | 25.1  | 1.0   | 1.0  |
|     |              | Min        | I                     | -0.5 | -1.4 | -40.7  | -192.6 | -13.1 | -1.2  | -1.2 |
|     |              |            | CNT                   | -0.5 | -1.4 | -40.7  | -192.6 | -46.8 | -1.2  | -1.2 |
|     |              |            | J                     | -0.5 | -1.4 | -40.7  | -192.6 | -90.1 | -1.3  | -1.3 |
|     |              | pp         | I                     | 0.0  | 0.0  | -5.7   | -4.0   | 0.9   | -0.0  | -0.0 |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.7    | -4.0   | 1.5   | -0.0  | -0.0 |
|     |              |            | J                     | 0.0  | 0.0  | 7.0    | -4.0   | 0.6   | -0.0  | -0.0 |
|     |              | perm       | I                     | 0.0  | 0.0  | -11.3  | -7.2   | 1.7   | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | -9.8   | -7.2   | 4.4   | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | -8.3   | -7.2   | 6.7   | 0.0   | 0.0  |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |       |      |
| 281 | 1            | 1 c mobili | Max                   | I    | 1.3  | 0.9    | 4.2    | 149.4 | 25.5  | 1.4  |
|     |              |            | CNT                   | 1.3  | 0.9  | 4.2    | 149.4  | 61.7  | 1.6   | 1.6  |
|     |              |            | J                     | 1.3  | 0.9  | 4.2    | 149.4  | 126.8 | 2.0   | 2.0  |
|     |              | Min        | I                     | -0.6 | -1.6 | -311.1 | -203.6 | -90.3 | -1.8  | -1.8 |
|     |              |            | CNT                   | -0.6 | -1.6 | -311.1 | -203.6 | -66.8 | -2.0  | -2.0 |
|     |              |            | J                     | -0.6 | -1.6 | -311.1 | -203.6 | -59.2 | -2.1  | -2.1 |
|     |              | pp         | I                     | 0.0  | 0.0  | -284.0 | -4.0   | 0.6   | -0.1  | -0.1 |
|     |              |            | CNT                   | 0.0  | 0.0  | -277.6 | -4.0   | 70.8  | -0.1  | -0.1 |
|     |              |            | J                     | 0.0  | 0.0  | -271.3 | -4.0   | 139.5 | -0.1  | -0.1 |
|     |              | perm       | I                     | 0.0  | 0.0  | -76.0  | -7.8   | 6.8   | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | -74.5  | -7.8   | 25.6  | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | -73.0  | -7.8   | 44.0  | 0.0   | 0.0  |
|     |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |       |      |
| 282 | 1            | 1 c mobili | Max                   | I    | 1.6  | 1.1    | 6.0    | 153.2 | 126.5 | 2.4  |
|     |              |            | CNT                   | 1.6  | 1.1  | 6.0    | 153.2  | 182.0 | 2.8   | 2.8  |
|     |              |            | J                     | 1.6  | 1.1  | 6.0    | 153.2  | 252.8 | 3.1   | 3.1  |
|     |              | Min        | I                     | -0.7 | -1.8 | -284.1 | -208.5 | -59.2 | -2.8  | -2.8 |



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|     |   |              |            |              |      |        |        |        |       |      |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|-------|------|
|     |   |              | CNT        | -0.7         | -1.8 | -284.1 | -208.5 | -56.7  | -3.0  |      |
|     |   |              | J          | -0.7         | -1.8 | -284.1 | -208.5 | -54.5  | -3.3  |      |
|     |   | pp           | I          | 0.1          | -0.0 | -271.2 | -3.9   | 139.5  | -0.1  |      |
|     |   |              | CNT        | 0.1          | -0.0 | -264.8 | -3.9   | 206.5  | -0.1  |      |
|     |   |              | J          | 0.1          | -0.0 | -258.4 | -3.9   | 271.9  | -0.1  |      |
|     |   | perm         | I          | 0.0          | 0.0  | -73.3  | -8.2   | 44.1   | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | -71.8  | -8.2   | 62.3   | -0.0  |      |
|     |   |              | J          | 0.0          | 0.0  | -70.3  | -8.2   | 80.0   | -0.0  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 283 | 1 | 1 c mobili   | Max        | I            | 2.0  | 1.2    | 16.3   | 153.9  | 252.5 | 3.6  |
|     |   |              |            | CNT          | 2.0  | 1.2    | 16.3   | 153.9  | 297.4 | 3.9  |
|     |   |              |            | J            | 2.0  | 1.2    | 16.3   | 153.9  | 363.1 | 4.3  |
|     |   |              | Min        | I            | -1.2 | -2.0   | -263.6 | -209.5 | -54.5 | -4.0 |
|     |   |              |            | CNT          | -1.2 | -2.0   | -263.6 | -209.5 | -52.7 | -4.2 |
|     |   |              |            | J            | -1.2 | -2.0   | -263.6 | -209.5 | -50.9 | -4.5 |
|     |   | pp           | I          | 0.1          | -0.0 | -258.3 | -3.8   | 272.0  | -0.1  |      |
|     |   |              | CNT        | 0.1          | -0.0 | -252.0 | -3.8   | 335.7  | -0.1  |      |
|     |   |              | J          | 0.1          | -0.0 | -245.6 | -3.8   | 397.9  | -0.1  |      |
|     |   | perm         | I          | 0.1          | 0.0  | -70.5  | -8.3   | 80.1   | -0.0  |      |
|     |   |              | CNT        | 0.1          | 0.0  | -69.0  | -8.3   | 97.6   | -0.0  |      |
|     |   |              | J          | 0.1          | 0.0  | -67.5  | -8.3   | 114.6  | -0.0  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 284 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.2    | 28.4   | 152.5  | 362.7 | 4.7  |
|     |   |              |            | CNT          | 2.1  | 1.2    | 28.4   | 152.5  | 399.1 | 5.0  |
|     |   |              |            | J            | 2.1  | 1.2    | 28.4   | 152.5  | 460.4 | 5.4  |
|     |   |              | Min        | I            | -1.6 | -2.0   | -247.9 | -208.0 | -50.8 | -5.2 |
|     |   |              |            | CNT          | -1.6 | -2.0   | -247.9 | -208.0 | -49.3 | -5.4 |
|     |   |              |            | J            | -1.6 | -2.0   | -247.9 | -208.0 | -47.8 | -5.6 |
|     |   | pp           | I          | 0.1          | -0.0 | -245.5 | -3.8   | 398.0  | -0.1  |      |
|     |   |              | CNT        | 0.1          | -0.0 | -239.2 | -3.8   | 458.6  | -0.1  |      |
|     |   |              | J          | 0.1          | -0.0 | -232.8 | -3.8   | 517.6  | -0.1  |      |
|     |   | perm         | I          | 0.1          | 0.0  | -67.5  | -8.3   | 114.7  | -0.0  |      |
|     |   |              | CNT        | 0.1          | 0.0  | -66.0  | -8.3   | 131.4  | -0.1  |      |
|     |   |              | J          | 0.1          | 0.0  | -64.5  | -8.3   | 147.7  | -0.1  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 285 | 1 | 1 c mobili   | Max        | I            | 2.2  | 1.2    | 41.7   | 149.6  | 460.0 | 5.7  |
|     |   |              |            | CNT          | 2.2  | 1.2    | 41.7   | 149.6  | 492.8 | 6.0  |
|     |   |              |            | J            | 2.2  | 1.2    | 41.7   | 149.6  | 547.8 | 6.3  |
|     |   |              | Min        | I            | -1.8 | -2.0   | -235.5 | -204.8 | -47.7 | -6.2 |
|     |   |              |            | CNT          | -1.8 | -2.0   | -235.5 | -204.8 | -46.4 | -6.4 |
|     |   |              |            | J            | -1.8 | -2.0   | -235.5 | -204.8 | -45.1 | -6.6 |
|     |   | pp           | I          | 0.1          | -0.0 | -232.7 | -3.7   | 517.6  | -0.1  |      |
|     |   |              | CNT        | 0.1          | -0.0 | -226.4 | -3.7   | 575.0  | -0.1  |      |
|     |   |              | J          | 0.1          | -0.0 | -220.0 | -3.7   | 630.8  | -0.1  |      |
|     |   | perm         | I          | 0.1          | 0.1  | -64.3  | -8.2   | 147.8  | -0.1  |      |
|     |   |              | CNT        | 0.1          | 0.1  | -62.8  | -8.2   | 163.7  | -0.1  |      |
|     |   |              | J          | 0.1          | 0.1  | -61.3  | -8.2   | 179.2  | -0.1  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 286 | 1 | 1 c mobili   | Max        | I            | 2.2  | 1.2    | 51.7   | 145.7  | 547.4 | 6.5  |
|     |   |              |            | CNT          | 2.2  | 1.2    | 51.7   | 145.7  | 577.0 | 6.8  |
|     |   |              |            | J            | 2.2  | 1.2    | 51.7   | 145.7  | 626.5 | 7.1  |
|     |   |              | Min        | I            | -2.0 | -2.0   | -225.4 | -200.1 | -45.1 | -7.2 |
|     |   |              |            | CNT          | -2.0 | -2.0   | -225.4 | -200.1 | -43.9 | -7.3 |
|     |   |              |            | J            | -2.0 | -2.0   | -225.4 | -200.1 | -42.8 | -7.5 |
|     |   | pp           | I          | 0.1          | 0.0  | -219.9 | -3.6   | 630.9  | -0.1  |      |
|     |   |              | CNT        | 0.1          | 0.0  | -213.6 | -3.6   | 685.0  | -0.1  |      |
|     |   |              | J          | 0.1          | 0.0  | -207.2 | -3.6   | 737.6  | -0.1  |      |
|     |   | perm         | I          | 0.1          | 0.1  | -61.1  | -8.0   | 179.3  | -0.1  |      |
|     |   |              | CNT        | 0.1          | 0.1  | -59.6  | -8.0   | 194.4  | -0.1  |      |
|     |   |              | J          | 0.1          | 0.1  | -58.1  | -8.0   | 209.1  | -0.1  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |

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|     |   |            |      |     |     |      |        |        |        |       |      |
|-----|---|------------|------|-----|-----|------|--------|--------|--------|-------|------|
| 287 | 1 | 1 c mobili | Max  | I   | 2.1 | 1.2  | 59.4   | 141.0  | 626.1  | 7.2   |      |
|     |   |            |      | CNT | 2.1 | 1.2  | 59.4   | 141.0  | 653.2  | 7.4   |      |
|     |   |            |      | J   | 2.1 | 1.2  | 59.4   | 141.0  | 698.2  | 7.7   |      |
|     |   |            |      | Min | I   | -2.1 | -1.9   | -216.7 | -194.4 | -42.7 | -8.0 |
|     |   |            |      |     | CNT | -2.1 | -1.9   | -216.7 | -194.4 | -41.7 | -8.1 |
|     |   |            |      |     | J   | -2.1 | -1.9   | -216.7 | -194.4 | -40.6 | -8.3 |
|     |   |            | pp   | I   | 0.1 | 0.0  | -207.1 | -3.6   | 737.7  | -0.1  |      |
|     |   |            |      | CNT | 0.1 | 0.0  | -200.7 | -3.6   | 788.7  | -0.1  |      |
|     |   |            |      | J   | 0.1 | 0.0  | -194.4 | -3.6   | 838.1  | -0.1  |      |
|     |   |            | perm | I   | 0.1 | 0.1  | -57.8  | -7.8   | 209.2  | -0.1  |      |
|     |   |            |      | CNT | 0.1 | 0.1  | -56.3  | -7.8   | 223.5  | -0.2  |      |
|     |   |            |      | J   | 0.1 | 0.1  | -54.8  | -7.8   | 237.4  | -0.2  |      |
|     |   |            | acc  | I   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | CNT | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | J   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |      |        |        |        |       |      |
|-----|---|------------|------|-----|-----|------|--------|--------|--------|-------|------|
| 288 | 1 | 1 c mobili | Max  | I   | 2.0 | 1.3  | 65.6   | 135.7  | 697.9  | 7.7   |      |
|     |   |            |      | CNT | 2.0 | 1.3  | 65.6   | 135.7  | 722.4  | 7.9   |      |
|     |   |            |      | J   | 2.0 | 1.3  | 65.6   | 135.7  | 763.6  | 8.2   |      |
|     |   |            |      | Min | I   | -2.2 | -1.9   | -209.2 | -187.6 | -40.6 | -8.7 |
|     |   |            |      |     | CNT | -2.2 | -1.9   | -209.2 | -187.6 | -39.6 | -8.9 |
|     |   |            |      |     | J   | -2.2 | -1.9   | -209.2 | -187.6 | -38.7 | -9.0 |
|     |   |            | pp   | I   | 0.1 | 0.0  | -194.3 | -3.5   | 838.1  | -0.1  |      |
|     |   |            |      | CNT | 0.1 | 0.0  | -187.9 | -3.5   | 885.9  | -0.1  |      |
|     |   |            |      | J   | 0.1 | 0.0  | -181.5 | -3.5   | 932.1  | -0.1  |      |
|     |   |            | perm | I   | 0.1 | 0.1  | -54.5  | -7.5   | 237.5  | -0.2  |      |
|     |   |            |      | CNT | 0.1 | 0.1  | -53.0  | -7.5   | 250.9  | -0.2  |      |
|     |   |            |      | J   | 0.1 | 0.1  | -51.5  | -7.5   | 264.0  | -0.2  |      |
|     |   |            | acc  | I   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | CNT | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | J   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |      |        |        |        |       |      |
|-----|---|------------|------|-----|-----|------|--------|--------|--------|-------|------|
| 289 | 1 | 1 c mobili | Max  | I   | 1.9 | 1.4  | 71.7   | 130.0  | 763.2  | 8.2   |      |
|     |   |            |      | CNT | 1.9 | 1.4  | 71.7   | 130.0  | 785.5  | 8.3   |      |
|     |   |            |      | J   | 1.9 | 1.4  | 71.7   | 130.0  | 823.1  | 8.5   |      |
|     |   |            |      | Min | I   | -2.2 | -1.9   | -202.3 | -180.2 | -38.6 | -9.4 |
|     |   |            |      |     | CNT | -2.2 | -1.9   | -202.3 | -180.2 | -37.7 | -9.5 |
|     |   |            |      |     | J   | -2.2 | -1.9   | -202.3 | -180.2 | -36.8 | -9.6 |
|     |   |            | pp   | I   | 0.1 | 0.0  | -181.4 | -3.3   | 932.1  | -0.1  |      |
|     |   |            |      | CNT | 0.1 | 0.0  | -175.1 | -3.3   | 976.7  | -0.1  |      |
|     |   |            |      | J   | 0.1 | 0.0  | -168.7 | -3.3   | 1019.6 | -0.1  |      |
|     |   |            | perm | I   | 0.1 | 0.1  | -51.1  | -7.1   | 264.1  | -0.2  |      |
|     |   |            |      | CNT | 0.1 | 0.1  | -49.6  | -7.1   | 276.7  | -0.2  |      |
|     |   |            |      | J   | 0.1 | 0.1  | -48.1  | -7.1   | 288.9  | -0.2  |      |
|     |   |            | acc  | I   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | CNT | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | J   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |      |        |        |        |       |       |
|-----|---|------------|------|-----|-----|------|--------|--------|--------|-------|-------|
| 290 | 1 | 1 c mobili | Max  | I   | 1.8 | 1.4  | 77.5   | 124.2  | 822.8  | 8.5   |       |
|     |   |            |      | CNT | 1.8 | 1.4  | 77.5   | 124.2  | 843.0  | 8.6   |       |
|     |   |            |      | J   | 1.8 | 1.4  | 77.5   | 124.2  | 877.5  | 8.8   |       |
|     |   |            |      | Min | I   | -2.2 | -1.9   | -196.0 | -172.5 | -36.8 | -9.9  |
|     |   |            |      |     | CNT | -2.2 | -1.9   | -196.0 | -172.5 | -36.0 | -10.0 |
|     |   |            |      |     | J   | -2.2 | -1.9   | -196.0 | -172.5 | -35.1 | -10.1 |
|     |   |            | pp   | I   | 0.1 | 0.0  | -168.6 | -3.2   | 1019.7 | -0.1  |       |
|     |   |            |      | CNT | 0.1 | 0.0  | -162.2 | -3.2   | 1061.0 | -0.1  |       |
|     |   |            |      | J   | 0.1 | 0.0  | -155.8 | -3.2   | 1100.8 | -0.1  |       |
|     |   |            | perm | I   | 0.1 | 0.1  | -47.6  | -6.7   | 289.0  | -0.2  |       |
|     |   |            |      | CNT | 0.1 | 0.1  | -46.1  | -6.7   | 300.7  | -0.2  |       |
|     |   |            |      | J   | 0.1 | 0.1  | -44.6  | -6.7   | 312.0  | -0.3  |       |
|     |   |            | acc  | I   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |       |
|     |   |            |      | CNT | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |       |
|     |   |            |      | J   | 0.0 | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |       |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |      |        |        |        |       |       |
|-----|---|------------|------|-----|-----|------|--------|--------|--------|-------|-------|
| 291 | 1 | 1 c mobili | Max  | I   | 1.8 | 1.4  | 83.0   | 118.2  | 877.1  | 8.8   |       |
|     |   |            |      | CNT | 1.8 | 1.4  | 83.0   | 118.2  | 895.2  | 8.9   |       |
|     |   |            |      | J   | 1.8 | 1.4  | 83.0   | 118.2  | 926.7  | 9.0   |       |
|     |   |            |      | Min | I   | -2.2 | -1.9   | -190.2 | -164.4 | -35.1 | -10.4 |
|     |   |            |      |     | CNT | -2.2 | -1.9   | -190.2 | -164.4 | -34.4 | -10.4 |
|     |   |            |      |     | J   | -2.2 | -1.9   | -190.2 | -164.4 | -33.6 | -10.5 |
|     |   |            | pp   | I   | 0.1 | 0.0  | -155.7 | -3.0   | 1100.8 | -0.1  |       |
|     |   |            |      | CNT | 0.1 | 0.0  | -149.3 | -3.0   | 1138.9 | -0.1  |       |
|     |   |            |      | J   | 0.1 | 0.0  | -142.9 | -3.0   | 1175.5 | -0.1  |       |
|     |   |            | perm | I   | 0.1 | 0.1  | -44.1  | -6.3   | 312.1  | -0.3  |       |
|     |   |            |      | CNT | 0.1 | 0.1  | -42.6  | -6.3   | 322.9  | -0.3  |       |
|     |   |            |      | J   | 0.1 | 0.1  | -41.1  | -6.3   | 333.4  | -0.3  |       |

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|     |              |            |            |              |      |      |        |        |        |       |     |
|-----|--------------|------------|------------|--------------|------|------|--------|--------|--------|-------|-----|
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 292 | 1            | 1 c mobili | Max        | I            | 1.7  | 1.5  | 88.0   | 112.1  | 926.4  | 9.0   |     |
|     |              |            |            | CNT          | 1.7  | 1.5  | 88.0   | 112.1  | 942.6  | 9.1   |     |
|     |              |            |            | J            | 1.7  | 1.5  | 88.0   | 112.1  | 971.0  | 9.2   |     |
|     |              |            | Min        | I            | -2.1 | -1.9 | -184.6 | -155.7 | -33.6  | -10.7 |     |
|     |              |            |            | CNT          | -2.1 | -1.9 | -184.6 | -155.7 | -32.8  | -10.8 |     |
|     |              |            |            | J            | -2.1 | -1.9 | -184.6 | -155.7 | -32.1  | -10.8 |     |
|     |              |            | pp         | I            | 0.1  | 0.0  | -142.8 | -2.8   | 1175.5 | -0.1  |     |
|     |              |            |            | CNT          | 0.1  | 0.0  | -136.4 | -2.8   | 1210.4 | -0.1  |     |
|     |              |            |            | J            | 0.1  | 0.0  | -130.0 | -2.8   | 1243.7 | -0.1  |     |
|     |              |            | perm       | I            | 0.1  | 0.1  | -40.5  | -5.8   | 333.4  | -0.3  |     |
|     |              |            |            | CNT          | 0.1  | 0.1  | -39.0  | -5.8   | 343.4  | -0.3  |     |
|     |              |            |            | J            | 0.1  | 0.1  | -37.5  | -5.8   | 352.9  | -0.3  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 293 | 1            | 1 c mobili | Max        | I            | 1.7  | 1.5  | 92.9   | 105.9  | 970.7  | 9.2   |     |
|     |              |            |            | CNT          | 1.7  | 1.5  | 92.9   | 105.9  | 985.2  | 9.2   |     |
|     |              |            |            | J            | 1.7  | 1.5  | 92.9   | 105.9  | 1010.8 | 9.3   |     |
|     |              |            | Min        | I            | -2.1 | -1.8 | -179.2 | -146.7 | -32.1  | -11.1 |     |
|     |              |            |            | CNT          | -2.1 | -1.8 | -179.2 | -146.7 | -31.4  | -11.1 |     |
|     |              |            |            | J            | -2.1 | -1.8 | -179.2 | -146.7 | -30.7  | -11.1 |     |
|     |              |            | pp         | I            | 0.1  | 0.0  | -129.8 | -2.6   | 1243.7 | -0.1  |     |
|     |              |            |            | CNT          | 0.1  | 0.0  | -123.4 | -2.6   | 1275.4 | -0.1  |     |
|     |              |            |            | J            | 0.1  | 0.0  | -117.1 | -2.6   | 1305.5 | -0.1  |     |
|     |              |            | perm       | I            | 0.1  | 0.1  | -36.9  | -5.3   | 353.0  | -0.3  |     |
|     |              |            |            | CNT          | 0.1  | 0.1  | -35.4  | -5.3   | 362.0  | -0.3  |     |
|     |              |            |            | J            | 0.1  | 0.1  | -33.9  | -5.3   | 370.7  | -0.3  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 294 | 1            | 1 c mobili | Max        | I            | 1.7  | 1.6  | 97.5   | 99.7   | 1010.5 | 9.3   |     |
|     |              |            |            | CNT          | 1.7  | 1.6  | 97.5   | 99.7   | 1023.0 | 9.3   |     |
|     |              |            |            | J            | 1.7  | 1.6  | 97.5   | 99.7   | 1046.2 | 9.4   |     |
|     |              |            | Min        | I            | -2.0 | -1.8 | -174.1 | -138.1 | -30.7  | -11.3 |     |
|     |              |            |            | CNT          | -2.0 | -1.8 | -174.1 | -138.1 | -30.0  | -11.4 |     |
|     |              |            |            | J            | -2.0 | -1.8 | -174.1 | -138.1 | -29.3  | -11.4 |     |
|     |              |            | pp         | I            | 0.1  | 0.0  | -116.9 | -2.4   | 1305.5 | -0.1  |     |
|     |              |            |            | CNT          | 0.1  | 0.0  | -110.5 | -2.4   | 1333.9 | -0.2  |     |
|     |              |            |            | J            | 0.1  | 0.0  | -104.1 | -2.4   | 1360.7 | -0.2  |     |
|     |              |            | perm       | I            | 0.1  | 0.0  | -33.2  | -4.8   | 370.7  | -0.3  |     |
|     |              |            |            | CNT          | 0.1  | 0.0  | -31.7  | -4.8   | 378.9  | -0.3  |     |
|     |              |            |            | J            | 0.1  | 0.0  | -30.2  | -4.8   | 386.6  | -0.3  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 295 | 1            | 1 c mobili | Max        | I            | 1.6  | 1.6  | 102.0  | 93.6   | 1046.0 | 9.4   |     |
|     |              |            |            | CNT          | 1.6  | 1.6  | 102.0  | 93.6   | 1056.3 | 9.4   |     |
|     |              |            |            | J            | 1.6  | 1.6  | 102.0  | 93.6   | 1077.1 | 9.5   |     |
|     |              |            | Min        | I            | -2.0 | -1.8 | -169.1 | -129.4 | -29.3  | -11.6 |     |
|     |              |            |            | CNT          | -2.0 | -1.8 | -169.1 | -129.4 | -28.7  | -11.6 |     |
|     |              |            |            | J            | -2.0 | -1.8 | -169.1 | -129.4 | -28.0  | -11.6 |     |
|     |              |            | pp         | I            | 0.1  | 0.0  | -103.9 | -2.1   | 1360.8 | -0.2  |     |
|     |              |            |            | CNT          | 0.1  | 0.0  | -97.5  | -2.1   | 1386.0 | -0.2  |     |
|     |              |            |            | J            | 0.1  | 0.0  | -91.2  | -2.1   | 1409.5 | -0.2  |     |
|     |              |            | perm       | I            | 0.1  | 0.0  | -29.6  | -4.3   | 386.7  | -0.3  |     |
|     |              |            |            | CNT          | 0.1  | 0.0  | -28.1  | -4.3   | 393.9  | -0.3  |     |
|     |              |            |            | J            | 0.1  | 0.0  | -26.6  | -4.3   | 400.7  | -0.4  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 296 | 1            | 1 c mobili | Max        | I            | 1.6  | 1.7  | 106.4  | 88.8   | 1076.9 | 9.5   |     |
|     |              |            |            | CNT          | 1.6  | 1.7  | 106.4  | 88.8   | 1085.4 | 9.5   |     |
|     |              |            |            | J            | 1.6  | 1.7  | 106.4  | 88.8   | 1103.5 | 9.6   |     |
|     |              |            | Min        | I            | -2.0 | -1.8 | -164.2 | -120.8 | -28.0  | -11.8 |     |
|     |              |            |            | CNT          | -2.0 | -1.8 | -164.2 | -120.8 | -27.4  | -11.8 |     |
|     |              |            |            | J            | -2.0 | -1.8 | -164.2 | -120.8 | -26.8  | -11.8 |     |
|     |              |            | pp         | I            | 0.0  | 0.0  | -90.9  | -1.9   | 1409.6 | -0.2  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | -84.6  | -1.9   | 1431.5 | -0.2  |     |
|     |              |            |            | J            | 0.0  | 0.0  | -78.2  | -1.9   | 1451.8 | -0.2  |     |

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|     |   |              |            |              |      |      |        |        |        |       |
|-----|---|--------------|------------|--------------|------|------|--------|--------|--------|-------|
|     |   |              | perm       | I            | 0.1  | 0.0  | -25.9  | -3.7   | 400.7  | -0.3  |
|     |   |              |            | CNT          | 0.1  | 0.0  | -24.4  | -3.7   | 407.0  | -0.4  |
|     |   |              |            | J            | 0.1  | 0.0  | -22.9  | -3.7   | 412.9  | -0.4  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 297 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.7  | 110.7  | 85.7   | 1103.3 | 9.6   |
|     |   |              |            | CNT          | 1.6  | 1.7  | 110.7  | 85.7   | 1110.2 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.7  | 110.7  | 85.7   | 1125.4 | 9.6   |
|     |   |              | Min        | I            | -1.9 | -1.8 | -159.4 | -113.1 | -26.8  | -11.9 |
|     |   |              |            | CNT          | -1.9 | -1.8 | -159.4 | -113.1 | -26.2  | -11.9 |
|     |   |              |            | J            | -1.9 | -1.8 | -159.4 | -113.1 | -25.6  | -11.9 |
|     |   |              | pp         | I            | 0.0  | 0.0  | -77.9  | -1.6   | 1451.9 | -0.2  |
|     |   |              |            | CNT          | 0.0  | 0.0  | -71.6  | -1.6   | 1470.6 | -0.2  |
|     |   |              |            | J            | 0.0  | 0.0  | -65.2  | -1.6   | 1487.7 | -0.2  |
|     |   |              | perm       | I            | 0.1  | 0.0  | -22.1  | -3.2   | 413.0  | -0.4  |
|     |   |              |            | CNT          | 0.1  | 0.0  | -20.6  | -3.2   | 418.3  | -0.4  |
|     |   |              |            | J            | 0.1  | 0.0  | -19.1  | -3.2   | 423.3  | -0.4  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 298 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.7  | 115.0  | 83.2   | 1125.3 | 9.6   |
|     |   |              |            | CNT          | 1.6  | 1.7  | 115.0  | 83.2   | 1130.7 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.7  | 115.0  | 83.2   | 1143.3 | 9.6   |
|     |   |              | Min        | I            | -1.9 | -1.8 | -154.7 | -106.3 | -25.6  | -12.0 |
|     |   |              |            | CNT          | -1.9 | -1.8 | -154.7 | -106.3 | -25.1  | -12.0 |
|     |   |              |            | J            | -1.9 | -1.8 | -154.7 | -106.3 | -24.6  | -12.1 |
|     |   |              | pp         | I            | 0.0  | 0.0  | -64.9  | -1.3   | 1487.7 | -0.2  |
|     |   |              |            | CNT          | 0.0  | 0.0  | -58.6  | -1.3   | 1503.1 | -0.2  |
|     |   |              |            | J            | 0.0  | 0.0  | -52.2  | -1.3   | 1517.0 | -0.2  |
|     |   |              | perm       | I            | 0.1  | 0.0  | -18.4  | -2.6   | 423.3  | -0.4  |
|     |   |              |            | CNT          | 0.1  | 0.0  | -16.9  | -2.6   | 427.7  | -0.4  |
|     |   |              |            | J            | 0.1  | 0.0  | -15.4  | -2.6   | 431.8  | -0.4  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 299 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.7  | 119.3  | 81.1   | 1143.1 | 9.6   |
|     |   |              |            | CNT          | 1.6  | 1.7  | 119.3  | 81.1   | 1146.9 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.7  | 119.3  | 81.1   | 1156.8 | 9.7   |
|     |   |              | Min        | I            | -1.9 | -1.8 | -150.0 | -99.6  | -24.6  | -12.1 |
|     |   |              |            | CNT          | -1.9 | -1.8 | -150.0 | -99.6  | -24.0  | -12.1 |
|     |   |              |            | J            | -1.9 | -1.8 | -150.0 | -99.6  | -23.5  | -12.1 |
|     |   |              | pp         | I            | 0.0  | 0.0  | -51.9  | -1.0   | 1517.0 | -0.2  |
|     |   |              |            | CNT          | 0.0  | 0.0  | -45.6  | -1.0   | 1529.2 | -0.2  |
|     |   |              |            | J            | 0.0  | 0.0  | -39.2  | -1.0   | 1539.7 | -0.2  |
|     |   |              | perm       | I            | 0.1  | 0.0  | -14.7  | -2.0   | 431.8  | -0.4  |
|     |   |              |            | CNT          | 0.1  | 0.0  | -13.2  | -2.0   | 435.3  | -0.4  |
|     |   |              |            | J            | 0.1  | 0.0  | -11.7  | -2.0   | 438.4  | -0.4  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 300 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.8  | 123.5  | 79.5   | 1156.7 | 9.6   |
|     |   |              |            | CNT          | 1.6  | 1.8  | 123.5  | 79.5   | 1158.8 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.8  | 123.5  | 79.5   | 1166.4 | 9.7   |
|     |   |              | Min        | I            | -1.9 | -1.8 | -145.5 | -93.2  | -23.5  | -12.2 |
|     |   |              |            | CNT          | -1.9 | -1.8 | -145.5 | -93.2  | -23.0  | -12.2 |
|     |   |              |            | J            | -1.9 | -1.8 | -145.5 | -93.2  | -22.5  | -12.2 |
|     |   |              | pp         | I            | 0.0  | 0.0  | -38.9  | -0.7   | 1539.8 | -0.2  |
|     |   |              |            | CNT          | 0.0  | 0.0  | -32.5  | -0.7   | 1548.7 | -0.2  |
|     |   |              |            | J            | 0.0  | 0.0  | -26.2  | -0.7   | 1556.0 | -0.2  |
|     |   |              | perm       | I            | 0.1  | 0.0  | -10.9  | -1.5   | 438.4  | -0.4  |
|     |   |              |            | CNT          | 0.1  | 0.0  | -9.4   | -1.5   | 440.9  | -0.4  |
|     |   |              |            | J            | 0.1  | 0.0  | -7.9   | -1.5   | 443.1  | -0.4  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 301 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.8  | 127.8  | 78.3   | 1166.3 | 9.7   |
|     |   |              |            | CNT          | 1.6  | 1.8  | 127.8  | 78.3   | 1166.6 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.8  | 127.8  | 78.3   | 1171.7 | 9.7   |
|     |   |              | Min        | I            | -1.9 | -1.8 | -141.0 | -87.2  | -22.5  | -12.3 |
|     |   |              |            | CNT          | -1.9 | -1.8 | -141.0 | -87.2  | -22.0  | -12.2 |

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|     |   |              |            |              |      |        |        |        |        |       |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|--------|-------|
|     |   |              | J          | -1.9         | -1.8 | -141.0 | -87.2  | -21.5  | -12.3  |       |
|     |   | PP           | I          | 0.0          | 0.0  | -25.9  | -0.4   | 1556.0 | -0.2   |       |
|     |   |              | CNT        | 0.0          | 0.0  | -19.5  | -0.4   | 1561.7 | -0.2   |       |
|     |   |              | J          | 0.0          | 0.0  | -13.2  | -0.4   | 1565.8 | -0.2   |       |
|     |   | perm         | I          | 0.1          | 0.0  | -7.1   | -0.9   | 443.1  | -0.4   |       |
|     |   |              | CNT        | 0.1          | 0.0  | -5.6   | -0.9   | 444.7  | -0.4   |       |
|     |   |              | J          | 0.1          | 0.0  | -4.1   | -0.9   | 445.9  | -0.4   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 302 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.8    | 132.1  | 77.6   | 1171.6 | 9.7   |
|     |   |              |            | CNT          | 1.6  | 1.8    | 132.1  | 77.6   | 1170.1 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.8    | 132.1  | 77.6   | 1172.8 | 9.7   |
|     |   |              | Min        | I            | -1.8 | -1.8   | -136.5 | -81.6  | -21.5  | -12.3 |
|     |   |              |            | CNT          | -1.8 | -1.8   | -136.5 | -81.6  | -21.0  | -12.2 |
|     |   |              |            | J            | -1.8 | -1.8   | -136.5 | -81.6  | -20.5  | -12.3 |
|     |   | PP           | I          | 0.0          | 0.0  | -12.9  | -0.1   | 1565.8 | -0.2   |       |
|     |   |              | CNT        | 0.0          | 0.0  | -6.5   | -0.1   | 1568.2 | -0.2   |       |
|     |   |              | J          | 0.0          | 0.0  | -0.1   | -0.1   | 1569.1 | -0.2   |       |
|     |   | perm         | I          | 0.1          | 0.0  | -3.4   | -0.3   | 446.0  | -0.4   |       |
|     |   |              | CNT        | 0.1          | 0.0  | -1.9   | -0.3   | 446.6  | -0.4   |       |
|     |   |              | J          | 0.1          | 0.0  | -0.4   | -0.3   | 446.9  | -0.4   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 303 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.8    | 136.5  | 81.6   | 1172.8 | 9.7   |
|     |   |              |            | CNT          | 1.6  | 1.8    | 136.5  | 81.6   | 1170.1 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.8    | 136.5  | 81.6   | 1171.6 | 9.7   |
|     |   |              | Min        | I            | -1.8 | -1.8   | -132.1 | -77.6  | -20.5  | -12.3 |
|     |   |              |            | CNT          | -1.8 | -1.8   | -132.1 | -77.6  | -21.0  | -12.2 |
|     |   |              |            | J            | -1.8 | -1.8   | -132.1 | -77.6  | -21.5  | -12.3 |
|     |   | PP           | I          | 0.0          | -0.0 | 0.1    | 0.1    | 1569.1 | -0.2   |       |
|     |   |              | CNT        | 0.0          | -0.0 | 6.5    | 0.1    | 1568.2 | -0.2   |       |
|     |   |              | J          | 0.0          | -0.0 | 12.9   | 0.1    | 1565.8 | -0.2   |       |
|     |   | perm         | I          | 0.1          | -0.0 | 0.4    | 0.3    | 446.9  | -0.4   |       |
|     |   |              | CNT        | 0.1          | -0.0 | 1.9    | 0.3    | 446.6  | -0.4   |       |
|     |   |              | J          | 0.1          | -0.0 | 3.4    | 0.3    | 446.0  | -0.4   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 304 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.8    | 141.0  | 87.2   | 1171.7 | 9.7   |
|     |   |              |            | CNT          | 1.6  | 1.8    | 141.0  | 87.2   | 1166.6 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.8    | 141.0  | 87.2   | 1166.3 | 9.7   |
|     |   |              | Min        | I            | -1.9 | -1.8   | -127.8 | -78.3  | -21.5  | -12.3 |
|     |   |              |            | CNT          | -1.9 | -1.8   | -127.8 | -78.3  | -22.0  | -12.2 |
|     |   |              |            | J            | -1.9 | -1.8   | -127.8 | -78.3  | -22.5  | -12.3 |
|     |   | PP           | I          | 0.0          | -0.0 | 13.2   | 0.4    | 1565.8 | -0.2   |       |
|     |   |              | CNT        | 0.0          | -0.0 | 19.5   | 0.4    | 1561.7 | -0.2   |       |
|     |   |              | J          | 0.0          | -0.0 | 25.9   | 0.4    | 1556.0 | -0.2   |       |
|     |   | perm         | I          | 0.1          | -0.0 | 4.1    | 0.9    | 445.9  | -0.4   |       |
|     |   |              | CNT        | 0.1          | -0.0 | 5.6    | 0.9    | 444.7  | -0.4   |       |
|     |   |              | J          | 0.1          | -0.0 | 7.1    | 0.9    | 443.1  | -0.4   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 305 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.8    | 145.5  | 93.2   | 1166.4 | 9.7   |
|     |   |              |            | CNT          | 1.6  | 1.8    | 145.5  | 93.2   | 1158.8 | 9.6   |
|     |   |              |            | J            | 1.6  | 1.8    | 145.5  | 93.2   | 1156.7 | 9.6   |
|     |   |              | Min        | I            | -1.9 | -1.8   | -123.5 | -79.5  | -22.5  | -12.2 |
|     |   |              |            | CNT          | -1.9 | -1.8   | -123.5 | -79.5  | -23.0  | -12.2 |
|     |   |              |            | J            | -1.9 | -1.8   | -123.5 | -79.5  | -23.5  | -12.2 |
|     |   | PP           | I          | 0.0          | -0.0 | 26.2   | 0.7    | 1556.0 | -0.2   |       |
|     |   |              | CNT        | 0.0          | -0.0 | 32.5   | 0.7    | 1548.7 | -0.2   |       |
|     |   |              | J          | 0.0          | -0.0 | 38.9   | 0.7    | 1539.8 | -0.2   |       |
|     |   | perm         | I          | 0.1          | -0.0 | 7.9    | 1.5    | 443.1  | -0.4   |       |
|     |   |              | CNT        | 0.1          | -0.0 | 9.4    | 1.5    | 440.9  | -0.4   |       |
|     |   |              | J          | 0.1          | -0.0 | 10.9   | 1.5    | 438.4  | -0.4   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |

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|              |     |            |              |              |     |            |              |        |        |        |       |       |        |     |
|--------------|-----|------------|--------------|--------------|-----|------------|--------------|--------|--------|--------|-------|-------|--------|-----|
| 306          | 1   | 1 c mobili | Max          | I            | 1.6 | 1.8        | 150.0        | 99.6   | 1156.8 | 9.7    |       |       |        |     |
|              |     |            |              | CNT          | 1.6 | 1.8        | 150.0        | 99.6   | 1146.9 | 9.6    |       |       |        |     |
|              |     |            |              | J            | 1.6 | 1.8        | 150.0        | 99.6   | 1143.1 | 9.6    |       |       |        |     |
|              |     |            |              | Min          | I   | -1.9       | -1.7         | -119.3 | -81.1  | -23.5  | -12.1 |       |        |     |
|              |     |            |              |              | CNT | -1.9       | -1.7         | -119.3 | -81.1  | -24.0  | -12.1 |       |        |     |
|              |     |            |              |              | J   | -1.9       | -1.7         | -119.3 | -81.1  | -24.6  | -12.1 |       |        |     |
|              |     |            |              | pp           | I   | 0.0        | -0.0         | 39.2   | 1.0    | 1539.7 | -0.2  |       |        |     |
|              |     |            |              |              | CNT | 0.0        | -0.0         | 45.6   | 1.0    | 1529.2 | -0.2  |       |        |     |
|              |     |            |              |              | J   | 0.0        | -0.0         | 51.9   | 1.0    | 1517.0 | -0.2  |       |        |     |
|              |     |            |              | perm         | I   | 0.1        | -0.0         | 11.7   | 2.0    | 438.4  | -0.4  |       |        |     |
|              |     |            |              |              | CNT | 0.1        | -0.0         | 13.2   | 2.0    | 435.3  | -0.4  |       |        |     |
|              |     |            |              |              | J   | 0.1        | -0.0         | 14.7   | 2.0    | 431.8  | -0.4  |       |        |     |
|              |     |            |              | acc          | I   | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              |     |            |              |              | CNT | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              |     |            |              |              | J   | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              |     |            |              | Length = 0.5 |     | Type: Beam | Section: cap |        |        |        |       |       |        |     |
|              |     |            |              | 307          | 1   | 1 c mobili | Max          | I      | 1.6    | 1.8    | 154.7 | 106.3 | 1143.3 | 9.6 |
|              |     |            |              |              |     |            |              | CNT    | 1.6    | 1.8    | 154.7 | 106.3 | 1130.7 | 9.6 |
| J            | 1.6 | 1.8        | 154.7        |              |     |            |              | 106.3  | 1125.3 | 9.6    |       |       |        |     |
| Min          | I   | -1.9       | -1.7         |              |     |            |              | -115.0 | -83.2  | -24.6  | -12.1 |       |        |     |
|              | CNT | -1.9       | -1.7         |              |     |            |              | -115.0 | -83.2  | -25.1  | -12.0 |       |        |     |
|              | J   | -1.9       | -1.7         |              |     |            |              | -115.0 | -83.2  | -25.6  | -12.0 |       |        |     |
| pp           | I   | 0.0        | -0.0         |              |     |            |              | 52.2   | 1.3    | 1517.0 | -0.2  |       |        |     |
|              | CNT | 0.0        | -0.0         |              |     |            |              | 58.6   | 1.3    | 1503.1 | -0.2  |       |        |     |
|              | J   | 0.0        | -0.0         |              |     |            |              | 64.9   | 1.3    | 1487.7 | -0.2  |       |        |     |
| perm         | I   | 0.1        | -0.0         |              |     |            |              | 15.4   | 2.6    | 431.8  | -0.4  |       |        |     |
|              | CNT | 0.1        | -0.0         |              |     |            |              | 16.9   | 2.6    | 427.7  | -0.4  |       |        |     |
|              | J   | 0.1        | -0.0         |              |     |            |              | 18.4   | 2.6    | 423.3  | -0.4  |       |        |     |
| acc          | I   | 0.0        | 0.0          |              |     |            |              | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              | CNT | 0.0        | 0.0          |              |     |            |              | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              | J   | 0.0        | 0.0          |              |     |            |              | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
| Length = 0.5 |     | Type: Beam | Section: cap |              |     |            |              |        |        |        |       |       |        |     |
| 308          | 1   | 1 c mobili | Max          |              |     |            |              | I      | 1.6    | 1.8    | 159.4 | 113.1 | 1125.4 | 9.6 |
|              |     |            |              |              |     |            |              | CNT    | 1.6    | 1.8    | 159.4 | 113.1 | 1110.2 | 9.6 |
|              |     |            |              | J            | 1.6 | 1.8        | 159.4        | 113.1  | 1103.3 | 9.6    |       |       |        |     |
|              |     |            |              | Min          | I   | -1.9       | -1.7         | -110.7 | -85.7  | -25.6  | -11.9 |       |        |     |
|              |     |            |              |              | CNT | -1.9       | -1.7         | -110.7 | -85.7  | -26.2  | -11.9 |       |        |     |
|              |     |            |              |              | J   | -1.9       | -1.7         | -110.7 | -85.7  | -26.8  | -11.9 |       |        |     |
|              |     |            |              | pp           | I   | 0.0        | -0.0         | 65.2   | 1.6    | 1487.7 | -0.2  |       |        |     |
|              |     |            |              |              | CNT | 0.0        | -0.0         | 71.6   | 1.6    | 1470.6 | -0.2  |       |        |     |
|              |     |            |              |              | J   | 0.0        | -0.0         | 77.9   | 1.6    | 1451.9 | -0.2  |       |        |     |
|              |     |            |              | perm         | I   | 0.1        | -0.0         | 19.1   | 3.2    | 423.3  | -0.4  |       |        |     |
|              |     |            |              |              | CNT | 0.1        | -0.0         | 20.6   | 3.2    | 418.3  | -0.4  |       |        |     |
|              |     |            |              |              | J   | 0.1        | -0.0         | 22.1   | 3.2    | 413.0  | -0.4  |       |        |     |
|              |     |            |              | acc          | I   | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              |     |            |              |              | CNT | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              |     |            |              |              | J   | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              |     |            |              | Length = 0.5 |     | Type: Beam | Section: cap |        |        |        |       |       |        |     |
|              |     |            |              | 309          | 1   | 1 c mobili | Max          | I      | 1.6    | 1.8    | 164.2 | 120.8 | 1103.5 | 9.6 |
|              |     |            |              |              |     |            |              | CNT    | 1.6    | 1.8    | 164.2 | 120.8 | 1085.4 | 9.5 |
| J            | 1.6 | 1.8        | 164.2        |              |     |            |              | 120.8  | 1076.9 | 9.5    |       |       |        |     |
| Min          | I   | -2.0       | -1.7         |              |     |            |              | -106.4 | -88.8  | -26.8  | -11.8 |       |        |     |
|              | CNT | -2.0       | -1.7         |              |     |            |              | -106.4 | -88.8  | -27.4  | -11.8 |       |        |     |
|              | J   | -2.0       | -1.7         |              |     |            |              | -106.4 | -88.8  | -28.0  | -11.8 |       |        |     |
| pp           | I   | 0.0        | -0.0         |              |     |            |              | 78.2   | 1.9    | 1451.8 | -0.2  |       |        |     |
|              | CNT | 0.0        | -0.0         |              |     |            |              | 84.6   | 1.9    | 1431.5 | -0.2  |       |        |     |
|              | J   | 0.0        | -0.0         |              |     |            |              | 90.9   | 1.9    | 1409.6 | -0.2  |       |        |     |
| perm         | I   | 0.1        | -0.0         |              |     |            |              | 22.9   | 3.7    | 412.9  | -0.4  |       |        |     |
|              | CNT | 0.1        | -0.0         |              |     |            |              | 24.4   | 3.7    | 407.0  | -0.4  |       |        |     |
|              | J   | 0.1        | -0.0         |              |     |            |              | 25.9   | 3.7    | 400.7  | -0.3  |       |        |     |
| acc          | I   | 0.0        | 0.0          |              |     |            |              | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              | CNT | 0.0        | 0.0          |              |     |            |              | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
|              | J   | 0.0        | 0.0          |              |     |            |              | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |
| Length = 0.5 |     | Type: Beam | Section: cap |              |     |            |              |        |        |        |       |       |        |     |
| 310          | 1   | 1 c mobili | Max          |              |     |            |              | I      | 1.6    | 1.8    | 169.1 | 129.4 | 1077.1 | 9.5 |
|              |     |            |              |              |     |            |              | CNT    | 1.6    | 1.8    | 169.1 | 129.4 | 1056.3 | 9.4 |
|              |     |            |              | J            | 1.6 | 1.8        | 169.1        | 129.4  | 1046.0 | 9.4    |       |       |        |     |
|              |     |            |              | Min          | I   | -2.0       | -1.6         | -102.0 | -93.6  | -28.0  | -11.6 |       |        |     |
|              |     |            |              |              | CNT | -2.0       | -1.6         | -102.0 | -93.6  | -28.7  | -11.6 |       |        |     |
|              |     |            |              |              | J   | -2.0       | -1.6         | -102.0 | -93.6  | -29.3  | -11.6 |       |        |     |
|              |     |            |              | pp           | I   | 0.1        | -0.0         | 91.2   | 2.1    | 1409.5 | -0.2  |       |        |     |
|              |     |            |              |              | CNT | 0.1        | -0.0         | 97.5   | 2.1    | 1386.0 | -0.2  |       |        |     |
|              |     |            |              |              | J   | 0.1        | -0.0         | 103.9  | 2.1    | 1360.8 | -0.2  |       |        |     |
|              |     |            |              | perm         | I   | 0.1        | -0.0         | 26.6   | 4.3    | 400.7  | -0.4  |       |        |     |
|              |     |            |              |              | CNT | 0.1        | -0.0         | 28.1   | 4.3    | 393.9  | -0.3  |       |        |     |
|              |     |            |              |              | J   | 0.1        | -0.0         | 29.6   | 4.3    | 386.7  | -0.3  |       |        |     |
|              |     |            |              | acc          | I   | 0.0        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0   |       |        |     |

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|     |              |            |              |     |      |      |       |        |        |        |      |
|-----|--------------|------------|--------------|-----|------|------|-------|--------|--------|--------|------|
|     |              |            | CNT          | 0.0 | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    | 0.0  |
|     |              |            | J            | 0.0 | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |       |        |        |        |      |
| 311 | 1            | 1 c mobili | Max          | I   | 1.7  | 1.8  | 174.1 | 138.1  | 1046.2 | 9.4    |      |
|     |              |            |              | CNT | 1.7  | 1.8  | 174.1 | 138.1  | 1023.0 | 9.3    |      |
|     |              |            |              | J   | 1.7  | 1.8  | 174.1 | 138.1  | 1010.5 | 9.3    |      |
|     |              |            | Min          | I   | -2.0 | -1.6 | -97.5 | -99.7  | -29.3  | -11.4  |      |
|     |              |            |              | CNT | -2.0 | -1.6 | -97.5 | -99.7  | -30.0  | -11.4  |      |
|     |              |            |              | J   | -2.0 | -1.6 | -97.5 | -99.7  | -30.7  | -11.3  |      |
|     |              |            |              | PP  | I    | 0.1  | -0.0  | 104.1  | 2.4    | 1360.7 | -0.2 |
|     |              |            |              | CNT | 0.1  | -0.0 | 110.5 | 2.4    | 1333.9 | -0.2   |      |
|     |              |            |              | J   | 0.1  | -0.0 | 116.9 | 2.4    | 1305.5 | -0.1   |      |
|     |              |            | perm         | I   | 0.1  | -0.0 | 30.2  | 4.8    | 386.6  | -0.3   |      |
|     |              |            |              | CNT | 0.1  | -0.0 | 31.7  | 4.8    | 378.9  | -0.3   |      |
|     |              |            |              | J   | 0.1  | -0.0 | 33.2  | 4.8    | 370.7  | -0.3   |      |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |       |        |        |        |      |
| 312 | 1            | 1 c mobili | Max          | I   | 1.7  | 1.8  | 179.2 | 146.7  | 1010.8 | 9.3    |      |
|     |              |            |              | CNT | 1.7  | 1.8  | 179.2 | 146.7  | 985.2  | 9.2    |      |
|     |              |            |              | J   | 1.7  | 1.8  | 179.2 | 146.7  | 970.7  | 9.2    |      |
|     |              |            | Min          | I   | -2.1 | -1.5 | -92.9 | -105.9 | -30.7  | -11.1  |      |
|     |              |            |              | CNT | -2.1 | -1.5 | -92.9 | -105.9 | -31.4  | -11.1  |      |
|     |              |            |              | J   | -2.1 | -1.5 | -92.9 | -105.9 | -32.1  | -11.1  |      |
|     |              |            |              | PP  | I    | 0.1  | -0.0  | 117.1  | 2.6    | 1305.5 | -0.1 |
|     |              |            |              | CNT | 0.1  | -0.0 | 123.4 | 2.6    | 1275.4 | -0.1   |      |
|     |              |            |              | J   | 0.1  | -0.0 | 129.8 | 2.6    | 1243.7 | -0.1   |      |
|     |              |            | perm         | I   | 0.1  | -0.1 | 33.9  | 5.3    | 370.7  | -0.3   |      |
|     |              |            |              | CNT | 0.1  | -0.1 | 35.4  | 5.3    | 362.0  | -0.3   |      |
|     |              |            |              | J   | 0.1  | -0.1 | 36.9  | 5.3    | 353.0  | -0.3   |      |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |       |        |        |        |      |
| 313 | 1            | 1 c mobili | Max          | I   | 1.7  | 1.9  | 184.6 | 155.7  | 971.0  | 9.2    |      |
|     |              |            |              | CNT | 1.7  | 1.9  | 184.6 | 155.7  | 942.6  | 9.1    |      |
|     |              |            |              | J   | 1.7  | 1.9  | 184.6 | 155.7  | 926.4  | 9.0    |      |
|     |              |            | Min          | I   | -2.1 | -1.5 | -88.0 | -112.1 | -32.1  | -10.8  |      |
|     |              |            |              | CNT | -2.1 | -1.5 | -88.0 | -112.1 | -32.8  | -10.8  |      |
|     |              |            |              | J   | -2.1 | -1.5 | -88.0 | -112.1 | -33.6  | -10.7  |      |
|     |              |            |              | PP  | I    | 0.1  | -0.0  | 130.0  | 2.8    | 1243.7 | -0.1 |
|     |              |            |              | CNT | 0.1  | -0.0 | 136.4 | 2.8    | 1210.4 | -0.1   |      |
|     |              |            |              | J   | 0.1  | -0.0 | 142.8 | 2.8    | 1175.5 | -0.1   |      |
|     |              |            | perm         | I   | 0.1  | -0.1 | 37.5  | 5.8    | 352.9  | -0.3   |      |
|     |              |            |              | CNT | 0.1  | -0.1 | 39.0  | 5.8    | 343.4  | -0.3   |      |
|     |              |            |              | J   | 0.1  | -0.1 | 40.5  | 5.8    | 333.4  | -0.3   |      |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |       |        |        |        |      |
| 314 | 1            | 1 c mobili | Max          | I   | 1.8  | 1.9  | 190.2 | 164.4  | 926.7  | 9.0    |      |
|     |              |            |              | CNT | 1.8  | 1.9  | 190.2 | 164.4  | 895.2  | 8.9    |      |
|     |              |            |              | J   | 1.8  | 1.9  | 190.2 | 164.4  | 877.1  | 8.8    |      |
|     |              |            | Min          | I   | -2.2 | -1.4 | -83.0 | -118.2 | -33.6  | -10.5  |      |
|     |              |            |              | CNT | -2.2 | -1.4 | -83.0 | -118.2 | -34.4  | -10.4  |      |
|     |              |            |              | J   | -2.2 | -1.4 | -83.0 | -118.2 | -35.1  | -10.4  |      |
|     |              |            |              | PP  | I    | 0.1  | -0.0  | 142.9  | 3.0    | 1175.5 | -0.1 |
|     |              |            |              | CNT | 0.1  | -0.0 | 149.3 | 3.0    | 1138.9 | -0.1   |      |
|     |              |            |              | J   | 0.1  | -0.0 | 155.7 | 3.0    | 1100.8 | -0.1   |      |
|     |              |            | perm         | I   | 0.1  | -0.1 | 41.1  | 6.3    | 333.4  | -0.3   |      |
|     |              |            |              | CNT | 0.1  | -0.1 | 42.6  | 6.3    | 322.9  | -0.3   |      |
|     |              |            |              | J   | 0.1  | -0.1 | 44.1  | 6.3    | 312.1  | -0.3   |      |
|     |              |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     |              |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0    |      |
|     | Length = 0.5 | Type: Beam | Section: cap |     |      |      |       |        |        |        |      |
| 315 | 1            | 1 c mobili | Max          | I   | 1.8  | 1.9  | 196.0 | 172.5  | 877.5  | 8.8    |      |
|     |              |            |              | CNT | 1.8  | 1.9  | 196.0 | 172.5  | 843.0  | 8.6    |      |
|     |              |            |              | J   | 1.8  | 1.9  | 196.0 | 172.5  | 822.8  | 8.5    |      |
|     |              |            | Min          | I   | -2.2 | -1.4 | -77.5 | -124.2 | -35.1  | -10.1  |      |
|     |              |            |              | CNT | -2.2 | -1.4 | -77.5 | -124.2 | -36.0  | -10.0  |      |
|     |              |            |              | J   | -2.2 | -1.4 | -77.5 | -124.2 | -36.8  | -9.9   |      |
|     |              |            |              | PP  | I    | 0.1  | -0.0  | 155.8  | 3.2    | 1100.8 | -0.1 |
|     |              |            |              | CNT | 0.1  | -0.0 | 162.2 | 3.2    | 1061.0 | -0.1   |      |
|     |              |            |              | J   | 0.1  | -0.0 | 168.6 | 3.2    | 1019.7 | -0.1   |      |

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|     |   |              |            |              |      |      |       |        |        |      |
|-----|---|--------------|------------|--------------|------|------|-------|--------|--------|------|
|     |   |              | perm       | I            | 0.1  | -0.1 | 44.6  | 6.7    | 312.0  | -0.3 |
|     |   |              |            | CNT          | 0.1  | -0.1 | 46.1  | 6.7    | 300.7  | -0.2 |
|     |   |              |            | J            | 0.1  | -0.1 | 47.6  | 6.7    | 289.0  | -0.2 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |      |
| 316 | 1 | 1 c mobili   | Max        | I            | 1.9  | 1.9  | 202.3 | 180.2  | 823.1  | 8.5  |
|     |   |              |            | CNT          | 1.9  | 1.9  | 202.3 | 180.2  | 785.5  | 8.3  |
|     |   |              |            | J            | 1.9  | 1.9  | 202.3 | 180.2  | 763.2  | 8.2  |
|     |   |              | Min        | I            | -2.2 | -1.4 | -71.7 | -130.0 | -36.8  | -9.6 |
|     |   |              |            | CNT          | -2.2 | -1.4 | -71.7 | -130.0 | -37.7  | -9.5 |
|     |   |              |            | J            | -2.2 | -1.4 | -71.7 | -130.0 | -38.6  | -9.4 |
|     |   |              | pp         | I            | 0.1  | -0.0 | 168.7 | 3.3    | 1019.6 | -0.1 |
|     |   |              |            | CNT          | 0.1  | -0.0 | 175.1 | 3.3    | 976.7  | -0.1 |
|     |   |              |            | J            | 0.1  | -0.0 | 181.4 | 3.3    | 932.1  | -0.1 |
|     |   |              | perm       | I            | 0.1  | -0.1 | 48.1  | 7.1    | 288.9  | -0.2 |
|     |   |              |            | CNT          | 0.1  | -0.1 | 49.6  | 7.1    | 276.7  | -0.2 |
|     |   |              |            | J            | 0.1  | -0.1 | 51.1  | 7.1    | 264.1  | -0.2 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |      |
| 317 | 1 | 1 c mobili   | Max        | I            | 2.0  | 1.9  | 209.2 | 187.6  | 763.6  | 8.2  |
|     |   |              |            | CNT          | 2.0  | 1.9  | 209.2 | 187.6  | 722.4  | 7.9  |
|     |   |              |            | J            | 2.0  | 1.9  | 209.2 | 187.6  | 697.9  | 7.7  |
|     |   |              | Min        | I            | -2.2 | -1.3 | -65.6 | -135.7 | -38.7  | -9.0 |
|     |   |              |            | CNT          | -2.2 | -1.3 | -65.6 | -135.7 | -39.6  | -8.9 |
|     |   |              |            | J            | -2.2 | -1.3 | -65.6 | -135.7 | -40.6  | -8.7 |
|     |   |              | pp         | I            | 0.1  | -0.0 | 181.5 | 3.5    | 932.1  | -0.1 |
|     |   |              |            | CNT          | 0.1  | -0.0 | 187.9 | 3.5    | 885.9  | -0.1 |
|     |   |              |            | J            | 0.1  | -0.0 | 194.3 | 3.5    | 838.1  | -0.1 |
|     |   |              | perm       | I            | 0.1  | -0.1 | 51.5  | 7.5    | 264.0  | -0.2 |
|     |   |              |            | CNT          | 0.1  | -0.1 | 53.0  | 7.5    | 250.9  | -0.2 |
|     |   |              |            | J            | 0.1  | -0.1 | 54.5  | 7.5    | 237.5  | -0.2 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |      |
| 318 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.9  | 216.7 | 194.4  | 698.2  | 7.7  |
|     |   |              |            | CNT          | 2.1  | 1.9  | 216.7 | 194.4  | 653.2  | 7.4  |
|     |   |              |            | J            | 2.1  | 1.9  | 216.7 | 194.4  | 626.1  | 7.2  |
|     |   |              | Min        | I            | -2.1 | -1.2 | -59.4 | -141.0 | -40.6  | -8.3 |
|     |   |              |            | CNT          | -2.1 | -1.2 | -59.4 | -141.0 | -41.7  | -8.1 |
|     |   |              |            | J            | -2.1 | -1.2 | -59.4 | -141.0 | -42.7  | -8.0 |
|     |   |              | pp         | I            | 0.1  | -0.0 | 194.4 | 3.6    | 838.1  | -0.1 |
|     |   |              |            | CNT          | 0.1  | -0.0 | 200.7 | 3.6    | 788.7  | -0.1 |
|     |   |              |            | J            | 0.1  | -0.0 | 207.1 | 3.6    | 737.7  | -0.1 |
|     |   |              | perm       | I            | 0.1  | -0.1 | 54.8  | 7.8    | 237.4  | -0.2 |
|     |   |              |            | CNT          | 0.1  | -0.1 | 56.3  | 7.8    | 223.5  | -0.2 |
|     |   |              |            | J            | 0.1  | -0.1 | 57.8  | 7.8    | 209.2  | -0.1 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |      |
| 319 | 1 | 1 c mobili   | Max        | I            | 2.2  | 2.0  | 225.4 | 200.1  | 626.5  | 7.1  |
|     |   |              |            | CNT          | 2.2  | 2.0  | 225.4 | 200.1  | 577.0  | 6.8  |
|     |   |              |            | J            | 2.2  | 2.0  | 225.4 | 200.1  | 547.4  | 6.5  |
|     |   |              | Min        | I            | -2.0 | -1.2 | -51.7 | -145.7 | -42.8  | -7.5 |
|     |   |              |            | CNT          | -2.0 | -1.2 | -51.7 | -145.7 | -43.9  | -7.3 |
|     |   |              |            | J            | -2.0 | -1.2 | -51.7 | -145.7 | -45.1  | -7.2 |
|     |   |              | pp         | I            | 0.1  | -0.0 | 207.2 | 3.6    | 737.6  | -0.1 |
|     |   |              |            | CNT          | 0.1  | -0.0 | 213.6 | 3.6    | 685.0  | -0.1 |
|     |   |              |            | J            | 0.1  | -0.0 | 219.9 | 3.6    | 630.9  | -0.1 |
|     |   |              | perm       | I            | 0.1  | -0.1 | 58.1  | 8.0    | 209.1  | -0.1 |
|     |   |              |            | CNT          | 0.1  | -0.1 | 59.6  | 8.0    | 194.4  | -0.1 |
|     |   |              |            | J            | 0.1  | -0.1 | 61.1  | 8.0    | 179.3  | -0.1 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |        |      |
| 320 | 1 | 1 c mobili   | Max        | I            | 2.2  | 2.0  | 235.5 | 204.8  | 547.8  | 6.3  |
|     |   |              |            | CNT          | 2.2  | 2.0  | 235.5 | 204.8  | 492.8  | 6.0  |
|     |   |              |            | J            | 2.2  | 2.0  | 235.5 | 204.8  | 460.0  | 5.7  |
|     |   |              | Min        | I            | -1.8 | -1.2 | -41.7 | -149.6 | -45.1  | -6.6 |
|     |   |              |            | CNT          | -1.8 | -1.2 | -41.7 | -149.6 | -46.4  | -6.4 |
|     |   |              |            | J            | -1.8 | -1.2 | -41.7 | -149.6 | -47.7  | -6.2 |



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|     |   |              |            |              |      |      |       |        |       |      |
|-----|---|--------------|------------|--------------|------|------|-------|--------|-------|------|
|     |   |              | pp         | I            | 0.1  | 0.0  | 220.0 | 3.7    | 630.8 | -0.1 |
|     |   |              |            | CNT          | 0.1  | 0.0  | 226.4 | 3.7    | 575.0 | -0.1 |
|     |   |              |            | J            | 0.1  | 0.0  | 232.7 | 3.7    | 517.6 | -0.1 |
|     |   |              | perm       | I            | 0.1  | -0.1 | 61.3  | 8.2    | 179.2 | -0.1 |
|     |   |              |            | CNT          | 0.1  | -0.1 | 62.8  | 8.2    | 163.7 | -0.1 |
|     |   |              |            | J            | 0.1  | -0.1 | 64.3  | 8.2    | 147.8 | -0.1 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 321 | 1 | 1 c mobili   | Max        | I            | 2.1  | 2.0  | 247.9 | 208.0  | 460.4 | 5.4  |
|     |   |              |            | CNT          | 2.1  | 2.0  | 247.9 | 208.0  | 399.1 | 5.0  |
|     |   |              |            | J            | 2.1  | 2.0  | 247.9 | 208.0  | 362.7 | 4.7  |
|     |   |              | Min        | I            | -1.6 | -1.2 | -28.4 | -152.5 | -47.8 | -5.6 |
|     |   |              |            | CNT          | -1.6 | -1.2 | -28.4 | -152.5 | -49.3 | -5.4 |
|     |   |              |            | J            | -1.6 | -1.2 | -28.4 | -152.5 | -50.8 | -5.2 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 232.8 | 3.8    | 517.6 | -0.1 |
|     |   |              |            | CNT          | 0.1  | 0.0  | 239.2 | 3.8    | 458.6 | -0.1 |
|     |   |              |            | J            | 0.1  | 0.0  | 245.5 | 3.8    | 398.0 | -0.1 |
|     |   |              | perm       | I            | 0.1  | -0.0 | 64.5  | 8.3    | 147.7 | -0.1 |
|     |   |              |            | CNT          | 0.1  | -0.0 | 66.0  | 8.3    | 131.4 | -0.1 |
|     |   |              |            | J            | 0.1  | -0.0 | 67.5  | 8.3    | 114.7 | -0.0 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 322 | 1 | 1 c mobili   | Max        | I            | 2.0  | 2.0  | 263.6 | 209.5  | 363.1 | 4.3  |
|     |   |              |            | CNT          | 2.0  | 2.0  | 263.6 | 209.5  | 297.4 | 3.9  |
|     |   |              |            | J            | 2.0  | 2.0  | 263.6 | 209.5  | 252.5 | 3.6  |
|     |   |              | Min        | I            | -1.2 | -1.2 | -16.3 | -153.9 | -50.9 | -4.5 |
|     |   |              |            | CNT          | -1.2 | -1.2 | -16.3 | -153.9 | -52.7 | -4.2 |
|     |   |              |            | J            | -1.2 | -1.2 | -16.3 | -153.9 | -54.5 | -4.0 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 245.6 | 3.8    | 397.9 | -0.1 |
|     |   |              |            | CNT          | 0.1  | 0.0  | 252.0 | 3.8    | 335.7 | -0.1 |
|     |   |              |            | J            | 0.1  | 0.0  | 258.3 | 3.8    | 272.0 | -0.1 |
|     |   |              | perm       | I            | 0.1  | -0.0 | 67.5  | 8.3    | 114.6 | -0.0 |
|     |   |              |            | CNT          | 0.1  | -0.0 | 69.0  | 8.3    | 97.6  | -0.0 |
|     |   |              |            | J            | 0.1  | -0.0 | 70.5  | 8.3    | 80.1  | -0.0 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 323 | 1 | 1 c mobili   | Max        | I            | 1.6  | 1.8  | 284.1 | 208.5  | 252.8 | 3.1  |
|     |   |              |            | CNT          | 1.6  | 1.8  | 284.1 | 208.5  | 182.0 | 2.8  |
|     |   |              |            | J            | 1.6  | 1.8  | 284.1 | 208.5  | 126.5 | 2.4  |
|     |   |              | Min        | I            | -0.7 | -1.1 | -6.0  | -153.2 | -54.5 | -3.3 |
|     |   |              |            | CNT          | -0.7 | -1.1 | -6.0  | -153.2 | -56.7 | -3.0 |
|     |   |              |            | J            | -0.7 | -1.1 | -6.0  | -153.2 | -59.2 | -2.8 |
|     |   |              | pp         | I            | 0.1  | 0.0  | 258.4 | 3.9    | 271.9 | -0.1 |
|     |   |              |            | CNT          | 0.1  | 0.0  | 264.8 | 3.9    | 206.5 | -0.1 |
|     |   |              |            | J            | 0.1  | 0.0  | 271.2 | 3.9    | 139.5 | -0.1 |
|     |   |              | perm       | I            | 0.0  | -0.0 | 70.3  | 8.2    | 80.0  | -0.0 |
|     |   |              |            | CNT          | 0.0  | -0.0 | 71.8  | 8.2    | 62.3  | -0.0 |
|     |   |              |            | J            | 0.0  | -0.0 | 73.3  | 8.2    | 44.1  | 0.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 324 | 1 | 1 c mobili   | Max        | I            | 1.3  | 1.6  | 311.1 | 203.6  | 126.8 | 2.0  |
|     |   |              |            | CNT          | 1.3  | 1.6  | 311.1 | 203.6  | 61.7  | 1.6  |
|     |   |              |            | J            | 1.3  | 1.6  | 311.1 | 203.6  | 25.5  | 1.4  |
|     |   |              | Min        | I            | -0.6 | -0.9 | -4.2  | -149.4 | -59.2 | -2.1 |
|     |   |              |            | CNT          | -0.6 | -0.9 | -4.2  | -149.4 | -66.8 | -2.0 |
|     |   |              |            | J            | -0.6 | -0.9 | -4.2  | -149.4 | -90.3 | -1.8 |
|     |   |              | pp         | I            | 0.0  | -0.0 | 271.3 | 4.0    | 139.5 | -0.1 |
|     |   |              |            | CNT          | 0.0  | -0.0 | 277.6 | 4.0    | 70.8  | -0.1 |
|     |   |              |            | J            | 0.0  | -0.0 | 284.0 | 4.0    | 0.6   | -0.1 |
|     |   |              | perm       | I            | 0.0  | -0.0 | 73.0  | 7.8    | 44.0  | 0.0  |
|     |   |              |            | CNT          | 0.0  | -0.0 | 74.5  | 7.8    | 25.6  | 0.0  |
|     |   |              |            | J            | 0.0  | -0.0 | 76.0  | 7.8    | 6.8   | 0.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 325 | 1 | 1 c mobili   | Max        | I            | 1.1  | 1.4  | 40.7  | 192.6  | 25.1  | 1.0  |

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|     |   |              |            |                       |      |        |        |       |      |     |
|-----|---|--------------|------------|-----------------------|------|--------|--------|-------|------|-----|
|     |   |              | CNT        | 1.1                   | 1.4  | 40.7   | 192.6  | 15.0  | 0.9  |     |
|     |   |              | J          | 1.1                   | 1.4  | 40.7   | 192.6  | 5.5   | 0.7  |     |
|     |   | Min          | I          | -0.5                  | -0.7 | -173.3 | -141.2 | -90.1 | -1.3 |     |
|     |   |              | CNT        | -0.5                  | -0.7 | -173.3 | -141.2 | -46.8 | -1.2 |     |
|     |   |              | J          | -0.5                  | -0.7 | -173.3 | -141.2 | -13.1 | -1.2 |     |
|     |   | PP           | I          | 0.0                   | -0.0 | -7.0   | 4.0    | 0.6   | -0.0 |     |
|     |   |              | CNT        | 0.0                   | -0.0 | -0.7   | 4.0    | 1.5   | -0.0 |     |
|     |   |              | J          | 0.0                   | -0.0 | 5.7    | 4.0    | 0.9   | -0.0 |     |
|     |   | perm         | I          | 0.0                   | -0.0 | 8.3    | 7.2    | 6.7   | 0.0  |     |
|     |   |              | CNT        | 0.0                   | -0.0 | 9.8    | 7.2    | 4.4   | 0.0  |     |
|     |   |              | J          | 0.0                   | -0.0 | 11.3   | 7.2    | 1.7   | 0.0  |     |
|     |   | acc          | I          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | CNT        | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | J          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap          |      |        |        |       |      |     |
| 326 | 2 | 4 c mobili   | Max        | I                     | 0.9  | 1.0    | 112.8  | 22.7  | 40.1 | 0.6 |
|     |   |              |            | CNT                   | 0.9  | 1.0    | 112.8  | 22.7  | 37.3 | 0.6 |
|     |   |              |            | J                     | 0.9  | 1.0    | 154.7  | 22.7  | 45.4 | 0.7 |
|     |   | Min          | I          | -2.6                  | -0.6 | -124.7 | -17.1  | -56.4 | -1.2 |     |
|     |   |              | CNT        | -2.6                  | -0.6 | -124.7 | -17.1  | -43.1 | -1.2 |     |
|     |   |              | J          | -2.6                  | -0.6 | -105.1 | -17.1  | -57.3 | -1.4 |     |
|     |   | PP           | I          | 0.1                   | 0.0  | 5.7    | 0.9    | 5.8   | 0.1  |     |
|     |   |              | CNT        | 0.1                   | 0.0  | 5.7    | 0.9    | 4.1   | 0.1  |     |
|     |   |              | J          | 0.1                   | 0.0  | 5.7    | 0.9    | 2.4   | 0.1  |     |
|     |   | perm         | I          | 0.1                   | 0.0  | 11.3   | 1.7    | 8.7   | 0.1  |     |
|     |   |              | CNT        | 0.1                   | 0.0  | 11.3   | 1.7    | 5.3   | 0.1  |     |
|     |   |              | J          | 0.1                   | 0.0  | 11.3   | 1.7    | 1.9   | 0.1  |     |
|     |   | acc          | I          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | CNT        | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | J          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   | Length = 2   | Type: Beam | Section: traverso cap |      |        |        |       |      |     |
| 327 | 2 | 3 c mobili   | Max        | I                     | 0.6  | 0.4    | 7.5    | 1.3   | 2.3  | 0.2 |
|     |   |              |            | CNT                   | 0.6  | 0.4    | 7.5    | 1.3   | 6.3  | 0.2 |
|     |   |              |            | J                     | 0.6  | 0.4    | 68.1   | 1.3   | 3.8  | 0.2 |
|     |   | Min          | I          | -0.7                  | -0.2 | -58.9  | -1.0   | -11.4 | -0.4 |     |
|     |   |              | CNT        | -0.7                  | -0.2 | -58.9  | -1.0   | -0.2  | -0.4 |     |
|     |   |              | J          | -0.7                  | -0.2 | -12.0  | -1.0   | -8.5  | -0.5 |     |
|     |   | PP           | I          | 0.1                   | 0.0  | -0.1   | 0.1    | -0.0  | 0.0  |     |
|     |   |              | CNT        | 0.1                   | 0.0  | -0.1   | 0.1    | 0.0   | 0.0  |     |
|     |   |              | J          | 0.1                   | 0.0  | -0.1   | 0.1    | 0.0   | 0.0  |     |
|     |   | perm         | I          | 0.1                   | 0.0  | 0.7    | 0.1    | 0.2   | 0.1  |     |
|     |   |              | CNT        | 0.1                   | 0.0  | 0.7    | 0.1    | -0.0  | 0.0  |     |
|     |   |              | J          | 0.1                   | 0.0  | 0.7    | 0.1    | -0.2  | 0.0  |     |
|     |   | acc          | I          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | CNT        | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | J          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   | Length = 2   | Type: Beam | Section: soletta      |      |        |        |       |      |     |
| 328 | 2 | 3 c mobili   | Max        | I                     | 0.7  | 0.6    | 3.3    | 1.4   | 1.0  | 0.3 |
|     |   |              |            | CNT                   | 0.7  | 0.6    | 3.3    | 1.4   | 6.8  | 0.2 |
|     |   |              |            | J                     | 0.7  | 0.6    | 66.5   | 1.4   | 3.6  | 0.3 |
|     |   | Min          | I          | -0.7                  | -0.3 | -56.6  | -1.0   | -10.3 | -0.4 |     |
|     |   |              | CNT        | -0.7                  | -0.3 | -56.6  | -1.0   | -0.4  | -0.4 |     |
|     |   |              | J          | -0.7                  | -0.3 | -10.5  | -1.0   | -7.9  | -0.5 |     |
|     |   | PP           | I          | 0.1                   | 0.0  | -0.1   | 0.1    | -0.1  | 0.0  |     |
|     |   |              | CNT        | 0.1                   | 0.0  | -0.1   | 0.1    | -0.0  | 0.0  |     |
|     |   |              | J          | 0.1                   | 0.0  | -0.1   | 0.1    | 0.0   | 0.0  |     |
|     |   | perm         | I          | 0.1                   | 0.0  | 0.3    | 0.1    | 0.0   | 0.1  |     |
|     |   |              | CNT        | 0.1                   | 0.0  | 0.3    | 0.1    | -0.1  | 0.0  |     |
|     |   |              | J          | 0.1                   | 0.0  | 0.3    | 0.1    | -0.2  | 0.0  |     |
|     |   | acc          | I          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | CNT        | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | J          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   | Length = 2   | Type: Beam | Section: soletta      |      |        |        |       |      |     |
| 329 | 2 | 3 c mobili   | Max        | I                     | 0.8  | 0.7    | 1.4    | 1.3   | 1.3  | 0.3 |
|     |   |              |            | CNT                   | 0.8  | 0.7    | 1.4    | 1.3   | 7.4  | 0.2 |
|     |   |              |            | J                     | 0.8  | 0.7    | 66.6   | 1.3   | 4.2  | 0.3 |
|     |   | Min          | I          | -0.6                  | -0.4 | -56.7  | -1.0   | -10.5 | -0.4 |     |
|     |   |              | CNT        | -0.6                  | -0.4 | -56.7  | -1.0   | -0.7  | -0.4 |     |
|     |   |              | J          | -0.6                  | -0.4 | -11.3  | -1.0   | -8.0  | -0.5 |     |
|     |   | PP           | I          | 0.0                   | 0.0  | -0.1   | 0.1    | -0.1  | 0.0  |     |
|     |   |              | CNT        | 0.0                   | 0.0  | -0.1   | 0.1    | -0.1  | 0.0  |     |
|     |   |              | J          | 0.0                   | 0.0  | -0.1   | 0.1    | -0.0  | 0.0  |     |
|     |   | perm         | I          | 0.1                   | 0.0  | 0.1    | 0.1    | -0.1  | 0.1  |     |
|     |   |              | CNT        | 0.1                   | 0.0  | 0.1    | 0.1    | -0.2  | 0.1  |     |
|     |   |              | J          | 0.1                   | 0.0  | 0.1    | 0.1    | -0.2  | 0.0  |     |
|     |   | acc          | I          | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |
|     |   |              | CNT        | 0.0                   | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |     |

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|     |            |            |                  |      |      |       |      |       |      |
|-----|------------|------------|------------------|------|------|-------|------|-------|------|
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |
| 330 | 2          | 3 c mobili | Max I            | 0.9  | 0.7  | 1.8   | 1.3  | 2.2   | 0.3  |
|     |            |            | CNT              | 0.9  | 0.7  | 1.8   | 1.3  | 8.0   | 0.2  |
|     |            |            | J                | 0.9  | 0.7  | 67.7  | 1.3  | 4.7   | 0.3  |
|     |            | Min        | I                | -0.6 | -0.4 | -56.6 | -1.0 | -10.2 | -0.4 |
|     |            |            | CNT              | -0.6 | -0.4 | -56.6 | -1.0 | -1.0  | -0.4 |
|     |            |            | J                | -0.6 | -0.4 | -12.6 | -1.0 | -8.3  | -0.5 |
|     |            | pp         | I                | 0.0  | 0.0  | -0.1  | 0.1  | -0.1  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | -0.1  | 0.1  | -0.1  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | -0.1  | 0.1  | -0.1  | 0.0  |
|     |            | perm       | I                | 0.0  | 0.0  | -0.0  | 0.1  | -0.2  | 0.1  |
|     |            |            | CNT              | 0.0  | 0.0  | -0.0  | 0.1  | -0.2  | 0.1  |
|     |            |            | J                | 0.0  | 0.0  | -0.0  | 0.1  | -0.2  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |
| 331 | 2          | 3 c mobili | Max I            | 1.0  | 0.7  | 2.9   | 1.3  | 3.0   | 0.2  |
|     |            |            | CNT              | 1.0  | 0.7  | 2.9   | 1.3  | 8.7   | 0.2  |
|     |            |            | J                | 1.0  | 0.7  | 69.1  | 1.3  | 5.4   | 0.3  |
|     |            | Min        | I                | -0.5 | -0.4 | -56.3 | -1.0 | -10.0 | -0.4 |
|     |            |            | CNT              | -0.5 | -0.4 | -56.3 | -1.0 | -1.3  | -0.4 |
|     |            |            | J                | -0.5 | -0.4 | -13.5 | -1.0 | -8.6  | -0.5 |
|     |            | pp         | I                | 0.0  | 0.0  | -0.1  | 0.1  | -0.2  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | -0.1  | 0.1  | -0.1  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | -0.1  | 0.1  | -0.1  | 0.0  |
|     |            | perm       | I                | 0.0  | 0.0  | -0.1  | 0.1  | -0.3  | 0.1  |
|     |            |            | CNT              | 0.0  | 0.0  | -0.1  | 0.1  | -0.3  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | -0.1  | 0.1  | -0.3  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |
| 332 | 2          | 3 c mobili | Max I            | 1.1  | 0.6  | 3.8   | 1.3  | 3.7   | 0.2  |
|     |            |            | CNT              | 1.1  | 0.6  | 3.8   | 1.3  | 9.3   | 0.2  |
|     |            |            | J                | 1.1  | 0.6  | 70.2  | 1.3  | 6.0   | 0.3  |
|     |            | Min        | I                | -0.5 | -0.3 | -56.2 | -1.0 | -9.8  | -0.4 |
|     |            |            | CNT              | -0.5 | -0.3 | -56.2 | -1.0 | -1.5  | -0.4 |
|     |            |            | J                | -0.5 | -0.3 | -14.3 | -1.0 | -8.7  | -0.5 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.1  | 0.1  | -0.2  | 0.0  |
|     |            |            | CNT              | -0.0 | 0.0  | -0.1  | 0.1  | -0.2  | 0.0  |
|     |            |            | J                | -0.0 | 0.0  | -0.1  | 0.1  | -0.2  | 0.0  |
|     |            | perm       | I                | 0.0  | 0.0  | -0.2  | 0.1  | -0.4  | 0.1  |
|     |            |            | CNT              | 0.0  | 0.0  | -0.2  | 0.1  | -0.4  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | -0.2  | 0.1  | -0.3  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |
| 333 | 2          | 3 c mobili | Max I            | 1.2  | 0.6  | 4.6   | 1.2  | 4.3   | 0.2  |
|     |            |            | CNT              | 1.2  | 0.6  | 4.6   | 1.2  | 9.8   | 0.2  |
|     |            |            | J                | 1.2  | 0.6  | 71.1  | 1.2  | 6.5   | 0.3  |
|     |            | Min        | I                | -0.4 | -0.3 | -56.5 | -0.9 | -9.7  | -0.4 |
|     |            |            | CNT              | -0.4 | -0.3 | -56.5 | -0.9 | -1.8  | -0.4 |
|     |            |            | J                | -0.4 | -0.3 | -15.0 | -0.9 | -8.8  | -0.5 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.1  | 0.1  | -0.2  | 0.0  |
|     |            |            | CNT              | -0.0 | 0.0  | -0.1  | 0.1  | -0.2  | 0.0  |
|     |            |            | J                | -0.0 | 0.0  | -0.1  | 0.1  | -0.2  | 0.0  |
|     |            | perm       | I                | -0.0 | 0.0  | -0.3  | 0.1  | -0.5  | 0.1  |
|     |            |            | CNT              | -0.0 | 0.0  | -0.3  | 0.1  | -0.4  | 0.0  |
|     |            |            | J                | -0.0 | 0.0  | -0.3  | 0.1  | -0.3  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |       |      |
| 334 | 2          | 3 c mobili | Max I            | 1.2  | 0.6  | 5.2   | 1.2  | 4.8   | 0.2  |
|     |            |            | CNT              | 1.2  | 0.6  | 5.2   | 1.2  | 10.4  | 0.2  |
|     |            |            | J                | 1.2  | 0.6  | 71.7  | 1.2  | 7.0   | 0.3  |
|     |            | Min        | I                | -0.4 | -0.4 | -56.8 | -0.9 | -9.6  | -0.4 |
|     |            |            | CNT              | -0.4 | -0.4 | -56.8 | -0.9 | -2.0  | -0.4 |
|     |            |            | J                | -0.4 | -0.4 | -15.6 | -0.9 | -8.8  | -0.5 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.1  | 0.0  | -0.3  | 0.0  |
|     |            |            | CNT              | -0.0 | 0.0  | -0.1  | 0.0  | -0.3  | 0.0  |
|     |            |            | J                | -0.0 | 0.0  | -0.1  | 0.0  | -0.2  | 0.0  |
|     |            | perm       | I                | -0.0 | 0.0  | -0.4  | 0.1  | -0.6  | 0.0  |

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|     |            |            |                  |      |      |       |      |      |      |     |
|-----|------------|------------|------------------|------|------|-------|------|------|------|-----|
|     |            |            | CNT              | -0.0 | 0.0  | -0.4  | 0.1  | -0.5 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | -0.4  | 0.1  | -0.4 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 335 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.6   | 5.7  | 1.2  | 5.3  | 0.2 |
|     |            |            |                  | CNT  | 1.2  | 0.6   | 5.7  | 1.2  | 10.9 | 0.2 |
|     |            |            |                  | J    | 1.2  | 0.6   | 72.1 | 1.2  | 7.5  | 0.3 |
|     |            | Min        | I                | -0.4 | -0.4 | -57.0 | -0.9 | -9.5 | -0.4 |     |
|     |            |            | CNT              | -0.4 | -0.4 | -57.0 | -0.9 | -2.2 | -0.4 |     |
|     |            |            | J                | -0.4 | -0.4 | -16.3 | -0.9 | -8.8 | -0.5 |     |
|     |            | pp         | I                | -0.0 | 0.0  | -0.1  | 0.0  | -0.3 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | -0.1  | 0.0  | -0.3 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | -0.1  | 0.0  | -0.3 | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | -0.4  | 0.1  | -0.7 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | -0.4  | 0.1  | -0.6 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | -0.4  | 0.1  | -0.4 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 336 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.6   | 6.1  | 1.1  | 5.7  | 0.2 |
|     |            |            | CNT              | 1.2  | 0.6  | 6.1   | 1.1  | 11.3 | 0.2  |     |
|     |            |            | J                | 1.2  | 0.6  | 72.5  | 1.1  | 7.9  | 0.2  |     |
|     |            | Min        | I                | -0.4 | -0.4 | -57.3 | -0.8 | -9.4 | -0.4 |     |
|     |            |            | CNT              | -0.4 | -0.4 | -57.3 | -0.8 | -2.3 | -0.4 |     |
|     |            |            | J                | -0.4 | -0.4 | -16.8 | -0.8 | -8.8 | -0.5 |     |
|     |            | pp         | I                | -0.0 | -0.0 | -0.1  | 0.0  | -0.4 | 0.0  |     |
|     |            |            | CNT              | -0.0 | -0.0 | -0.1  | 0.0  | -0.3 | 0.0  |     |
|     |            |            | J                | -0.0 | -0.0 | -0.1  | 0.0  | -0.3 | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | -0.5  | 0.1  | -0.8 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | -0.5  | 0.1  | -0.6 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | -0.5  | 0.1  | -0.5 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 337 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.6   | 6.4  | 1.1  | 6.1  | 0.2 |
|     |            |            | CNT              | 1.2  | 0.6  | 6.4   | 1.1  | 11.8 | 0.2  |     |
|     |            |            | J                | 1.2  | 0.6  | 72.7  | 1.1  | 8.3  | 0.2  |     |
|     |            | Min        | I                | -0.4 | -0.4 | -57.5 | -0.8 | -9.3 | -0.4 |     |
|     |            |            | CNT              | -0.4 | -0.4 | -57.5 | -0.8 | -2.5 | -0.3 |     |
|     |            |            | J                | -0.4 | -0.4 | -17.2 | -0.8 | -8.8 | -0.4 |     |
|     |            | pp         | I                | -0.0 | -0.0 | -0.1  | 0.0  | -0.4 | 0.0  |     |
|     |            |            | CNT              | -0.0 | -0.0 | -0.1  | 0.0  | -0.4 | 0.0  |     |
|     |            |            | J                | -0.0 | -0.0 | -0.1  | 0.0  | -0.3 | 0.0  |     |
|     |            | perm       | I                | -0.0 | 0.0  | -0.5  | 0.1  | -0.8 | 0.0  |     |
|     |            |            | CNT              | -0.0 | 0.0  | -0.5  | 0.1  | -0.7 | 0.0  |     |
|     |            |            | J                | -0.0 | 0.0  | -0.5  | 0.1  | -0.5 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 338 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.6   | 6.6  | 1.0  | 6.4  | 0.2 |
|     |            |            | CNT              | 1.2  | 0.6  | 6.6   | 1.0  | 12.1 | 0.2  |     |
|     |            |            | J                | 1.2  | 0.6  | 72.9  | 1.0  | 8.8  | 0.2  |     |
|     |            | Min        | I                | -0.4 | -0.4 | -57.7 | -0.8 | -9.2 | -0.4 |     |
|     |            |            | CNT              | -0.4 | -0.4 | -57.7 | -0.8 | -2.6 | -0.3 |     |
|     |            |            | J                | -0.4 | -0.4 | -17.6 | -0.8 | -8.8 | -0.4 |     |
|     |            | pp         | I                | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |     |
|     |            |            | CNT              | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |     |
|     |            |            | J                | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |     |
|     |            | perm       | I                | -0.0 | -0.0 | -0.6  | 0.1  | -0.9 | 0.0  |     |
|     |            |            | CNT              | -0.0 | -0.0 | -0.6  | 0.1  | -0.7 | 0.0  |     |
|     |            |            | J                | -0.0 | -0.0 | -0.6  | 0.1  | -0.5 | 0.0  |     |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |     |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |     |
| 339 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.6   | 6.9  | 1.0  | 6.7  | 0.2 |
|     |            |            | CNT              | 1.2  | 0.6  | 6.9   | 1.0  | 12.5 | 0.2  |     |
|     |            |            | J                | 1.2  | 0.6  | 73.1  | 1.0  | 9.2  | 0.2  |     |
|     |            | Min        | I                | -0.4 | -0.4 | -57.8 | -0.7 | -9.1 | -0.4 |     |
|     |            |            | CNT              | -0.4 | -0.4 | -57.8 | -0.7 | -2.7 | -0.3 |     |
|     |            |            | J                | -0.4 | -0.4 | -17.9 | -0.7 | -8.7 | -0.4 |     |

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|     |   |            |            |                  |      |      |       |      |      |      |
|-----|---|------------|------------|------------------|------|------|-------|------|------|------|
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -0.6  | 0.1  | -0.9 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.6  | 0.1  | -0.8 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.6  | 0.1  | -0.6 | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 340 | 2 | 3 c mobili | Max        | I                | 1.2  | 0.6  | 7.0   | 0.9  | 7.0  | 0.2  |
|     |   |            |            | CNT              | 1.2  | 0.6  | 7.0   | 0.9  | 12.8 | 0.2  |
|     |   |            |            | J                | 1.2  | 0.6  | 73.2  | 0.9  | 9.6  | 0.2  |
|     |   |            | Min        | I                | -0.4 | -0.5 | -58.0 | -0.7 | -9.0 | -0.4 |
|     |   |            |            | CNT              | -0.4 | -0.5 | -58.0 | -0.7 | -2.8 | -0.3 |
|     |   |            |            | J                | -0.4 | -0.5 | -18.2 | -0.7 | -8.7 | -0.4 |
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -0.6  | 0.1  | -1.0 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.6  | 0.1  | -0.8 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.6  | 0.1  | -0.6 | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 341 | 2 | 3 c mobili | Max        | I                | 1.2  | 0.6  | 7.2   | 0.9  | 7.2  | 0.2  |
|     |   |            |            | CNT              | 1.2  | 0.6  | 7.2   | 0.9  | 13.0 | 0.2  |
|     |   |            |            | J                | 1.2  | 0.6  | 73.3  | 0.9  | 9.9  | 0.2  |
|     |   |            | Min        | I                | -0.4 | -0.5 | -58.1 | -0.6 | -9.2 | -0.4 |
|     |   |            |            | CNT              | -0.4 | -0.5 | -58.1 | -0.6 | -2.9 | -0.3 |
|     |   |            |            | J                | -0.4 | -0.5 | -18.4 | -0.6 | -8.7 | -0.4 |
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -0.7  | 0.1  | -1.0 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.7  | 0.1  | -0.8 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.7  | 0.1  | -0.6 | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 342 | 2 | 3 c mobili | Max        | I                | 1.2  | 0.6  | 7.3   | 0.8  | 7.4  | 0.2  |
|     |   |            |            | CNT              | 1.2  | 0.6  | 7.3   | 0.8  | 13.2 | 0.2  |
|     |   |            |            | J                | 1.2  | 0.6  | 73.4  | 0.8  | 10.1 | 0.2  |
|     |   |            | Min        | I                | -0.4 | -0.5 | -58.2 | -0.6 | -9.2 | -0.4 |
|     |   |            |            | CNT              | -0.4 | -0.5 | -58.2 | -0.6 | -3.0 | -0.3 |
|     |   |            |            | J                | -0.4 | -0.5 | -18.6 | -0.6 | -8.7 | -0.4 |
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.2  | 0.0  | -0.6 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -0.7  | 0.0  | -1.1 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.7  | 0.0  | -0.9 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.7  | 0.0  | -0.7 | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 343 | 2 | 3 c mobili | Max        | I                | 1.2  | 0.5  | 7.4   | 0.8  | 7.5  | 0.2  |
|     |   |            |            | CNT              | 1.2  | 0.5  | 7.4   | 0.8  | 13.4 | 0.2  |
|     |   |            |            | J                | 1.2  | 0.5  | 73.4  | 0.8  | 10.4 | 0.2  |
|     |   |            | Min        | I                | -0.4 | -0.5 | -58.3 | -0.6 | -9.2 | -0.3 |
|     |   |            |            | CNT              | -0.4 | -0.5 | -58.3 | -0.6 | -3.0 | -0.3 |
|     |   |            |            | J                | -0.4 | -0.5 | -18.8 | -0.6 | -8.6 | -0.4 |
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.2  | 0.0  | -0.6 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.2  | 0.0  | -0.5 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.2  | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -0.7  | 0.0  | -1.1 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.7  | 0.0  | -0.9 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.7  | 0.0  | -0.7 | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 344 | 2 | 3 c mobili | Max        | I                | 1.2  | 0.5  | 7.5   | 0.7  | 7.7  | 0.2  |
|     |   |            |            | CNT              | 1.2  | 0.5  | 7.5   | 0.7  | 13.6 | 0.2  |

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|     |            |            |                  |      |      |       |      |      |      |
|-----|------------|------------|------------------|------|------|-------|------|------|------|
|     |            |            | J                | 1.2  | 0.5  | 73.5  | 0.7  | 10.6 | 0.2  |
|     |            | Min        | I                | -0.4 | -0.5 | -58.4 | -0.5 | -9.2 | -0.3 |
|     |            |            | CNT              | -0.4 | -0.5 | -58.4 | -0.5 | -3.1 | -0.3 |
|     |            |            | J                | -0.4 | -0.5 | -18.9 | -0.5 | -8.6 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.3  | 0.0  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.3  | 0.0  | -0.5 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -0.7  | 0.0  | -1.1 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.7  | 0.0  | -0.9 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.7  | 0.0  | -0.7 | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 345 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.6  | 0.7  | 7.8  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.6  | 0.7  | 13.7 |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.5 | 0.7  | 10.7 |
|     |            | Min        | I                | -0.4 | -0.5 | -58.4 | -0.5 | -9.2 | -0.3 |
|     |            |            | CNT              | -0.4 | -0.5 | -58.4 | -0.5 | -3.1 | -0.3 |
|     |            |            | J                | -0.4 | -0.5 | -19.0 | -0.5 | -8.6 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.3  | 0.0  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.3  | 0.0  | -0.5 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -0.7  | 0.0  | -1.2 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.7  | 0.0  | -0.9 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.7  | 0.0  | -0.7 | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 346 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.6  | 0.6  | 7.8  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.6  | 0.6  | 13.8 |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.5 | 0.6  | 10.8 |
|     |            | Min        | I                | -0.4 | -0.5 | -58.5 | -0.5 | -9.1 | -0.3 |
|     |            |            | CNT              | -0.4 | -0.5 | -58.5 | -0.5 | -3.1 | -0.3 |
|     |            |            | J                | -0.4 | -0.5 | -19.0 | -0.5 | -8.6 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.3  | 0.0  | -0.5 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -0.8  | 0.0  | -1.2 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.8  | 0.0  | -0.9 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.8  | 0.0  | -0.7 | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 347 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.7  | 0.6  | 7.8  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.7  | 0.6  | 13.8 |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.6 | 0.6  | 10.9 |
|     |            | Min        | I                | -0.4 | -0.5 | -58.5 | -0.5 | -9.1 | -0.3 |
|     |            |            | CNT              | -0.4 | -0.5 | -58.5 | -0.5 | -3.1 | -0.3 |
|     |            |            | J                | -0.4 | -0.5 | -19.1 | -0.5 | -8.6 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.3  | 0.0  | -0.5 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -0.8  | 0.0  | -1.2 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.8  | 0.0  | -1.0 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.8  | 0.0  | -0.7 | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 348 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.7  | 0.5  | 7.9  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.7  | 0.5  | 13.9 |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.6 | 0.5  | 11.0 |
|     |            | Min        | I                | -0.4 | -0.5 | -58.5 | -0.5 | -9.1 | -0.3 |
|     |            |            | CNT              | -0.4 | -0.5 | -58.5 | -0.5 | -3.1 | -0.2 |
|     |            |            | J                | -0.4 | -0.5 | -19.1 | -0.5 | -8.6 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.3  | 0.0  | -0.6 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.3  | 0.0  | -0.5 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -0.8  | 0.0  | -1.2 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.8  | 0.0  | -1.0 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.8  | 0.0  | -0.7 | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |

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| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |       |      |      |      |     |
|------------|---|------------|------------------|------|------|------|-------|------|------|------|-----|
| 349        | 2 | 3 c mobili | Max              | I    | 1.2  | 0.5  | 7.7   | 0.5  | 7.8  | 0.3  |     |
|            |   |            |                  | CNT  | 1.2  | 0.5  | 7.7   | 0.5  | 13.9 | 0.2  |     |
|            |   |            |                  | J    | 1.2  | 0.5  | 73.6  | 0.5  | 11.0 | 0.3  |     |
|            |   |            | Min              | I    | -0.4 | -0.5 | -58.5 | -0.5 | -9.1 | -0.3 |     |
|            |   |            |                  | CNT  | -0.4 | -0.5 | -58.5 | -0.5 | -3.1 | -0.2 |     |
|            |   |            |                  | J    | -0.4 | -0.5 | -19.1 | -0.5 | -8.5 | -0.3 |     |
|            |   |            |                  | PP   | I    | -0.0 | 0.0   | -0.3 | 0.0  | -0.6 | 0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.3 | 0.0  | -0.6 | 0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.3 | 0.0  | -0.5 | 0.0 |
|            |   |            |                  | perm | I    | -0.0 | 0.0   | -0.8 | 0.0  | -1.2 | 0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.8 | 0.0  | -1.0 | 0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.8 | 0.0  | -0.7 | 0.0 |
|            |   |            |                  | acc  | I    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            |                  |      | CNT  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            |                  |      | J    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |       |      |      |      |      |
|------------|---|------------|------------------|------|------|------|-------|------|------|------|------|
| 350        | 2 | 3 c mobili | Max              | I    | 1.2  | 0.5  | 7.7   | 0.5  | 7.9  | 0.3  |      |
|            |   |            |                  | CNT  | 1.2  | 0.5  | 7.7   | 0.5  | 13.9 | 0.2  |      |
|            |   |            |                  | J    | 1.2  | 0.5  | 73.6  | 0.5  | 11.0 | 0.3  |      |
|            |   |            | Min              | I    | -0.4 | -0.5 | -58.5 | -0.5 | -9.1 | -0.3 |      |
|            |   |            |                  | CNT  | -0.4 | -0.5 | -58.5 | -0.5 | -3.1 | -0.2 |      |
|            |   |            |                  | J    | -0.4 | -0.5 | -19.1 | -0.5 | -8.6 | -0.3 |      |
|            |   |            |                  | PP   | I    | -0.0 | 0.0   | -0.3 | -0.0 | -0.6 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.3 | -0.0 | -0.6 | -0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.3 | -0.0 | -0.5 | -0.0 |
|            |   |            |                  | perm | I    | -0.0 | 0.0   | -0.8 | -0.0 | -1.2 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.8 | -0.0 | -1.0 | -0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.8 | -0.0 | -0.7 | -0.0 |
|            |   |            |                  | acc  | I    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | CNT  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | J    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |       |      |      |      |      |
|------------|---|------------|------------------|------|------|------|-------|------|------|------|------|
| 351        | 2 | 3 c mobili | Max              | I    | 1.2  | 0.5  | 7.7   | 0.5  | 7.8  | 0.3  |      |
|            |   |            |                  | CNT  | 1.2  | 0.5  | 7.7   | 0.5  | 13.8 | 0.3  |      |
|            |   |            |                  | J    | 1.2  | 0.5  | 73.6  | 0.5  | 10.9 | 0.3  |      |
|            |   |            | Min              | I    | -0.4 | -0.5 | -58.5 | -0.6 | -9.1 | -0.3 |      |
|            |   |            |                  | CNT  | -0.4 | -0.5 | -58.5 | -0.6 | -3.1 | -0.2 |      |
|            |   |            |                  | J    | -0.4 | -0.5 | -19.1 | -0.6 | -8.6 | -0.3 |      |
|            |   |            |                  | PP   | I    | -0.0 | 0.0   | -0.3 | -0.0 | -0.6 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.3 | -0.0 | -0.6 | -0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.3 | -0.0 | -0.5 | -0.0 |
|            |   |            |                  | perm | I    | -0.0 | 0.0   | -0.8 | -0.0 | -1.2 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.8 | -0.0 | -1.0 | -0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.8 | -0.0 | -0.7 | -0.0 |
|            |   |            |                  | acc  | I    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | CNT  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | J    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |       |      |      |      |      |
|------------|---|------------|------------------|------|------|------|-------|------|------|------|------|
| 352        | 2 | 3 c mobili | Max              | I    | 1.2  | 0.5  | 7.6   | 0.5  | 7.8  | 0.3  |      |
|            |   |            |                  | CNT  | 1.2  | 0.5  | 7.6   | 0.5  | 13.8 | 0.3  |      |
|            |   |            |                  | J    | 1.2  | 0.5  | 73.5  | 0.5  | 10.8 | 0.3  |      |
|            |   |            | Min              | I    | -0.4 | -0.5 | -58.5 | -0.6 | -9.1 | -0.3 |      |
|            |   |            |                  | CNT  | -0.4 | -0.5 | -58.5 | -0.6 | -3.1 | -0.2 |      |
|            |   |            |                  | J    | -0.4 | -0.5 | -19.0 | -0.6 | -8.6 | -0.3 |      |
|            |   |            |                  | PP   | I    | -0.0 | 0.0   | -0.3 | -0.0 | -0.6 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.3 | -0.0 | -0.6 | -0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.3 | -0.0 | -0.5 | -0.0 |
|            |   |            |                  | perm | I    | -0.0 | 0.0   | -0.8 | -0.0 | -1.2 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.8 | -0.0 | -0.9 | -0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.8 | -0.0 | -0.7 | -0.0 |
|            |   |            |                  | acc  | I    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | CNT  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|            |   |            |                  |      | J    | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |

| Length = 2 |   | Type: Beam | Section: soletta |      |      |      |       |      |      |      |      |
|------------|---|------------|------------------|------|------|------|-------|------|------|------|------|
| 353        | 2 | 3 c mobili | Max              | I    | 1.2  | 0.5  | 7.6   | 0.5  | 7.8  | 0.3  |      |
|            |   |            |                  | CNT  | 1.2  | 0.5  | 7.6   | 0.5  | 13.7 | 0.3  |      |
|            |   |            |                  | J    | 1.2  | 0.5  | 73.5  | 0.5  | 10.7 | 0.3  |      |
|            |   |            | Min              | I    | -0.4 | -0.5 | -58.4 | -0.7 | -9.2 | -0.3 |      |
|            |   |            |                  | CNT  | -0.4 | -0.5 | -58.4 | -0.7 | -3.1 | -0.2 |      |
|            |   |            |                  | J    | -0.4 | -0.5 | -19.0 | -0.7 | -8.6 | -0.2 |      |
|            |   |            |                  | PP   | I    | -0.0 | 0.0   | -0.3 | -0.0 | -0.6 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.3 | -0.0 | -0.5 | -0.0 |
|            |   |            |                  |      | J    | -0.0 | 0.0   | -0.3 | -0.0 | -0.5 | -0.0 |
|            |   |            |                  | perm | I    | -0.0 | 0.0   | -0.7 | -0.0 | -1.2 | -0.0 |
|            |   |            |                  |      | CNT  | -0.0 | 0.0   | -0.7 | -0.0 | -0.9 | -0.0 |

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|     |            |            |                  |      |      |       |      |      |      |      |
|-----|------------|------------|------------------|------|------|-------|------|------|------|------|
|     |            |            | J                | -0.0 | 0.0  | -0.7  | -0.0 | -0.7 | -0.0 |      |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |      |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |      |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |      |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |      |
| 354 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.5  | 0.5  | 7.7  | 0.3  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.5  | 0.5  | 13.6 | 0.3  |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.5 | 0.5  | 10.6 | 0.3  |
|     |            | Min        | I                | -0.4 | -0.5 | -58.4 | -0.7 | -9.2 | -0.2 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.5 | -58.4 | -0.7 | -3.1 | -0.2 | -0.2 |
|     |            |            | J                | -0.4 | -0.5 | -18.9 | -0.7 | -8.6 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.3  | -0.0 | -0.6 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.3  | -0.0 | -0.5 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.3  | -0.0 | -0.5 | -0.0 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | -0.7  | -0.0 | -1.1 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.7  | -0.0 | -0.9 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.7  | -0.0 | -0.7 | -0.0 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |      |
| 355 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.4  | 0.6  | 7.5  | 0.3  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.4  | 0.6  | 13.4 | 0.3  |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.4 | 0.6  | 10.4 | 0.4  |
|     |            | Min        | I                | -0.4 | -0.5 | -58.3 | -0.8 | -9.2 | -0.2 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.5 | -58.3 | -0.8 | -3.0 | -0.2 | -0.2 |
|     |            |            | J                | -0.4 | -0.5 | -18.8 | -0.8 | -8.6 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.2  | -0.0 | -0.6 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | -0.7  | -0.0 | -1.1 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.7  | -0.0 | -0.9 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.7  | -0.0 | -0.7 | -0.0 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |      |
| 356 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.3  | 0.6  | 7.4  | 0.4  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.3  | 0.6  | 13.2 | 0.3  |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.4 | 0.6  | 10.1 | 0.4  |
|     |            | Min        | I                | -0.4 | -0.6 | -58.2 | -0.8 | -9.2 | -0.2 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.6 | -58.2 | -0.8 | -3.0 | -0.2 | -0.2 |
|     |            |            | J                | -0.4 | -0.6 | -18.6 | -0.8 | -8.7 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.2  | -0.0 | -0.6 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | -0.7  | -0.0 | -1.1 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.7  | -0.0 | -0.9 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.7  | -0.0 | -0.7 | -0.0 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |      |
| 357 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.2  | 0.6  | 7.2  | 0.4  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.2  | 0.6  | 13.0 | 0.3  |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.3 | 0.6  | 9.9  | 0.4  |
|     |            | Min        | I                | -0.4 | -0.6 | -58.1 | -0.9 | -9.2 | -0.2 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.6 | -58.1 | -0.9 | -2.9 | -0.2 | -0.2 |
|     |            |            | J                | -0.4 | -0.6 | -18.4 | -0.9 | -8.7 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | -0.7  | -0.1 | -1.0 | -0.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.7  | -0.1 | -0.8 | -0.0 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.7  | -0.1 | -0.6 | -0.0 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |      |
| 358 | 2          | 3 c mobili | Max              | I    | 1.2  | 0.5   | 7.0  | 0.7  | 7.0  | 0.4  |
|     |            |            |                  | CNT  | 1.2  | 0.5   | 7.0  | 0.7  | 12.8 | 0.3  |
|     |            |            |                  | J    | 1.2  | 0.5   | 73.2 | 0.7  | 9.6  | 0.4  |
|     |            | Min        | I                | -0.4 | -0.6 | -58.0 | -0.9 | -9.0 | -0.2 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.6 | -58.0 | -0.9 | -2.8 | -0.2 | -0.2 |
|     |            |            | J                | -0.4 | -0.6 | -18.2 | -0.9 | -8.7 | -0.2 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 | -0.0 |



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|     |            |            |                  |      |      |       |      |      |      |
|-----|------------|------------|------------------|------|------|-------|------|------|------|
|     |            |            | CNT              | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | -0.6  | -0.1 | -1.0 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.6  | -0.1 | -0.8 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.6  | -0.1 | -0.6 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 359 | 2          | 3 c mobili | Max I            | 1.2  | 0.4  | 6.9   | 0.7  | 6.7  | 0.4  |
|     |            |            | CNT              | 1.2  | 0.4  | 6.9   | 0.7  | 12.5 | 0.3  |
|     |            |            | J                | 1.2  | 0.4  | 73.1  | 0.7  | 9.2  | 0.4  |
|     |            | Min        | I                | -0.4 | -0.6 | -57.8 | -1.0 | -9.1 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.6 | -57.8 | -1.0 | -2.7 | -0.2 |
|     |            |            | J                | -0.4 | -0.6 | -17.9 | -1.0 | -8.7 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | -0.6  | -0.1 | -0.9 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.6  | -0.1 | -0.8 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.6  | -0.1 | -0.6 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 360 | 2          | 3 c mobili | Max I            | 1.2  | 0.4  | 6.6   | 0.8  | 6.4  | 0.4  |
|     |            |            | CNT              | 1.2  | 0.4  | 6.6   | 0.8  | 12.1 | 0.3  |
|     |            |            | J                | 1.2  | 0.4  | 72.9  | 0.8  | 8.8  | 0.4  |
|     |            | Min        | I                | -0.4 | -0.6 | -57.7 | -1.0 | -9.2 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.6 | -57.7 | -1.0 | -2.6 | -0.2 |
|     |            |            | J                | -0.4 | -0.6 | -17.6 | -1.0 | -8.8 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.2  | -0.0 | -0.5 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.2  | -0.0 | -0.4 | -0.0 |
|     |            | perm       | I                | -0.0 | 0.0  | -0.6  | -0.1 | -0.9 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.6  | -0.1 | -0.7 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.6  | -0.1 | -0.5 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 361 | 2          | 3 c mobili | Max I            | 1.2  | 0.4  | 6.4   | 0.8  | 6.1  | 0.4  |
|     |            |            | CNT              | 1.2  | 0.4  | 6.4   | 0.8  | 11.8 | 0.3  |
|     |            |            | J                | 1.2  | 0.4  | 72.7  | 0.8  | 8.3  | 0.4  |
|     |            | Min        | I                | -0.4 | -0.6 | -57.5 | -1.1 | -9.3 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.6 | -57.5 | -1.1 | -2.5 | -0.2 |
|     |            |            | J                | -0.4 | -0.6 | -17.2 | -1.1 | -8.8 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.1  | -0.0 | -0.4 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.1  | -0.0 | -0.4 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.1  | -0.0 | -0.3 | -0.0 |
|     |            | perm       | I                | -0.0 | -0.0 | -0.5  | -0.1 | -0.8 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -0.5  | -0.1 | -0.7 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | -0.5  | -0.1 | -0.5 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 362 | 2          | 3 c mobili | Max I            | 1.2  | 0.4  | 6.1   | 0.8  | 5.7  | 0.4  |
|     |            |            | CNT              | 1.2  | 0.4  | 6.1   | 0.8  | 11.3 | 0.4  |
|     |            |            | J                | 1.2  | 0.4  | 72.5  | 0.8  | 7.9  | 0.5  |
|     |            | Min        | I                | -0.4 | -0.6 | -57.3 | -1.1 | -9.4 | -0.2 |
|     |            |            | CNT              | -0.4 | -0.6 | -57.3 | -1.1 | -2.3 | -0.2 |
|     |            |            | J                | -0.4 | -0.6 | -16.8 | -1.1 | -8.8 | -0.2 |
|     |            | pp         | I                | -0.0 | 0.0  | -0.1  | -0.0 | -0.4 | -0.0 |
|     |            |            | CNT              | -0.0 | 0.0  | -0.1  | -0.0 | -0.3 | -0.0 |
|     |            |            | J                | -0.0 | 0.0  | -0.1  | -0.0 | -0.3 | -0.0 |
|     |            | perm       | I                | -0.0 | -0.0 | -0.5  | -0.1 | -0.8 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -0.5  | -0.1 | -0.6 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | -0.5  | -0.1 | -0.5 | -0.0 |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |       |      |      |      |
| 363 | 2          | 3 c mobili | Max I            | 1.2  | 0.4  | 5.7   | 0.9  | 5.3  | 0.4  |
|     |            |            | CNT              | 1.2  | 0.4  | 5.7   | 0.9  | 10.9 | 0.4  |
|     |            |            | J                | 1.2  | 0.4  | 72.1  | 0.9  | 7.5  | 0.5  |

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|     |            |            |                  |     |      |      |       |      |       |      |
|-----|------------|------------|------------------|-----|------|------|-------|------|-------|------|
|     |            |            | Min              | I   | -0.4 | -0.6 | -57.0 | -1.2 | -9.5  | -0.2 |
|     |            |            |                  | CNT | -0.4 | -0.6 | -57.0 | -1.2 | -2.2  | -0.2 |
|     |            |            |                  | J   | -0.4 | -0.6 | -16.3 | -1.2 | -8.8  | -0.3 |
|     |            | pp         |                  | I   | -0.0 | -0.0 | -0.1  | -0.0 | -0.3  | -0.0 |
|     |            |            |                  | CNT | -0.0 | -0.0 | -0.1  | -0.0 | -0.3  | -0.0 |
|     |            |            |                  | J   | -0.0 | -0.0 | -0.1  | -0.0 | -0.3  | -0.0 |
|     |            | perm       |                  | I   | -0.0 | -0.0 | -0.4  | -0.1 | -0.7  | -0.0 |
|     |            |            |                  | CNT | -0.0 | -0.0 | -0.4  | -0.1 | -0.6  | -0.0 |
|     |            |            |                  | J   | -0.0 | -0.0 | -0.4  | -0.1 | -0.4  | -0.0 |
|     |            | acc        |                  | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |     |      |      |       |      |       |      |
| 364 | 2          | 3 c mobili | Max              | I   | 1.2  | 0.4  | 5.2   | 0.9  | 4.8   | 0.4  |
|     |            |            |                  | CNT | 1.2  | 0.4  | 5.2   | 0.9  | 10.4  | 0.4  |
|     |            |            |                  | J   | 1.2  | 0.4  | 71.7  | 0.9  | 7.0   | 0.5  |
|     |            |            | Min              | I   | -0.4 | -0.6 | -56.8 | -1.2 | -9.6  | -0.2 |
|     |            |            |                  | CNT | -0.4 | -0.6 | -56.8 | -1.2 | -2.0  | -0.2 |
|     |            |            |                  | J   | -0.4 | -0.6 | -15.6 | -1.2 | -8.8  | -0.3 |
|     |            | pp         |                  | I   | -0.0 | -0.0 | -0.1  | -0.0 | -0.3  | -0.0 |
|     |            |            |                  | CNT | -0.0 | -0.0 | -0.1  | -0.0 | -0.3  | -0.0 |
|     |            |            |                  | J   | -0.0 | -0.0 | -0.1  | -0.0 | -0.2  | -0.0 |
|     |            | perm       |                  | I   | -0.0 | -0.0 | -0.4  | -0.1 | -0.6  | -0.0 |
|     |            |            |                  | CNT | -0.0 | -0.0 | -0.4  | -0.1 | -0.5  | -0.0 |
|     |            |            |                  | J   | -0.0 | -0.0 | -0.4  | -0.1 | -0.4  | -0.0 |
|     |            | acc        |                  | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |     |      |      |       |      |       |      |
| 365 | 2          | 3 c mobili | Max              | I   | 1.2  | 0.3  | 4.6   | 0.9  | 4.3   | 0.4  |
|     |            |            |                  | CNT | 1.2  | 0.3  | 4.6   | 0.9  | 9.8   | 0.4  |
|     |            |            |                  | J   | 1.2  | 0.3  | 71.1  | 0.9  | 6.5   | 0.5  |
|     |            |            | Min              | I   | -0.4 | -0.6 | -56.5 | -1.2 | -9.7  | -0.2 |
|     |            |            |                  | CNT | -0.4 | -0.6 | -56.5 | -1.2 | -1.8  | -0.2 |
|     |            |            |                  | J   | -0.4 | -0.6 | -15.0 | -1.2 | -8.8  | -0.3 |
|     |            | pp         |                  | I   | -0.0 | -0.0 | -0.1  | -0.1 | -0.2  | -0.0 |
|     |            |            |                  | CNT | -0.0 | -0.0 | -0.1  | -0.1 | -0.2  | -0.0 |
|     |            |            |                  | J   | -0.0 | -0.0 | -0.1  | -0.1 | -0.2  | -0.0 |
|     |            | perm       |                  | I   | -0.0 | -0.0 | -0.3  | -0.1 | -0.5  | -0.1 |
|     |            |            |                  | CNT | -0.0 | -0.0 | -0.3  | -0.1 | -0.4  | -0.0 |
|     |            |            |                  | J   | -0.0 | -0.0 | -0.3  | -0.1 | -0.3  | -0.0 |
|     |            | acc        |                  | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |     |      |      |       |      |       |      |
| 366 | 2          | 3 c mobili | Max              | I   | 1.1  | 0.3  | 3.8   | 1.0  | 3.7   | 0.4  |
|     |            |            |                  | CNT | 1.1  | 0.3  | 3.8   | 1.0  | 9.3   | 0.4  |
|     |            |            |                  | J   | 1.1  | 0.3  | 70.2  | 1.0  | 6.0   | 0.5  |
|     |            |            | Min              | I   | -0.5 | -0.6 | -56.2 | -1.3 | -9.8  | -0.2 |
|     |            |            |                  | CNT | -0.5 | -0.6 | -56.2 | -1.3 | -1.5  | -0.2 |
|     |            |            |                  | J   | -0.5 | -0.6 | -14.3 | -1.3 | -8.7  | -0.3 |
|     |            | pp         |                  | I   | -0.0 | -0.0 | -0.1  | -0.1 | -0.2  | -0.0 |
|     |            |            |                  | CNT | -0.0 | -0.0 | -0.1  | -0.1 | -0.2  | -0.0 |
|     |            |            |                  | J   | -0.0 | -0.0 | -0.1  | -0.1 | -0.2  | -0.0 |
|     |            | perm       |                  | I   | 0.0  | -0.0 | -0.2  | -0.1 | -0.4  | -0.1 |
|     |            |            |                  | CNT | 0.0  | -0.0 | -0.2  | -0.1 | -0.4  | -0.0 |
|     |            |            |                  | J   | 0.0  | -0.0 | -0.2  | -0.1 | -0.3  | -0.0 |
|     |            | acc        |                  | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |     |      |      |       |      |       |      |
| 367 | 2          | 3 c mobili | Max              | I   | 1.0  | 0.4  | 2.9   | 1.0  | 3.0   | 0.4  |
|     |            |            |                  | CNT | 1.0  | 0.4  | 2.9   | 1.0  | 8.7   | 0.4  |
|     |            |            |                  | J   | 1.0  | 0.4  | 69.1  | 1.0  | 5.4   | 0.5  |
|     |            |            | Min              | I   | -0.5 | -0.7 | -56.3 | -1.3 | -10.0 | -0.2 |
|     |            |            |                  | CNT | -0.5 | -0.7 | -56.3 | -1.3 | -1.3  | -0.2 |
|     |            |            |                  | J   | -0.5 | -0.7 | -13.5 | -1.3 | -8.6  | -0.3 |
|     |            | pp         |                  | I   | 0.0  | -0.0 | -0.1  | -0.1 | -0.2  | -0.0 |
|     |            |            |                  | CNT | 0.0  | -0.0 | -0.1  | -0.1 | -0.1  | -0.0 |
|     |            |            |                  | J   | 0.0  | -0.0 | -0.1  | -0.1 | -0.1  | -0.0 |
|     |            | perm       |                  | I   | 0.0  | -0.0 | -0.1  | -0.1 | -0.3  | -0.1 |
|     |            |            |                  | CNT | 0.0  | -0.0 | -0.1  | -0.1 | -0.3  | -0.0 |
|     |            |            |                  | J   | 0.0  | -0.0 | -0.1  | -0.1 | -0.3  | -0.0 |
|     |            | acc        |                  | I   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | CNT | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
|     |            |            |                  | J   | 0.0  | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |

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|            |      |            |                  |      |            |                  |        |       |       |       |      |      |     |
|------------|------|------------|------------------|------|------------|------------------|--------|-------|-------|-------|------|------|-----|
| Length = 2 |      | Type: Beam | Section: soletta |      |            |                  |        |       |       |       |      |      |     |
| 368        | 2    | 3 c mobili | Max              | I    | 0.9        | 0.4              | 1.8    | 1.0   | 2.2   | 0.4   |      |      |     |
|            |      |            | CNT              | 0.9  | 0.4        | 1.8              | 1.0    | 8.0   | 0.4   |       |      |      |     |
|            |      |            | J                | 0.9  | 0.4        | 67.7             | 1.0    | 4.7   | 0.5   |       |      |      |     |
|            |      |            | Min              | I    | -0.6       | -0.7             | -56.6  | -1.3  | -10.2 | -0.3  |      |      |     |
|            |      |            | CNT              | -0.6 | -0.7       | -56.6            | -1.3   | -1.0  | -0.2  |       |      |      |     |
|            |      |            | J                | -0.6 | -0.7       | -12.6            | -1.3   | -8.3  | -0.3  |       |      |      |     |
|            |      |            | PP               | I    | 0.0        | -0.0             | -0.1   | -0.1  | -0.1  | -0.0  |      |      |     |
|            |      |            | CNT              | 0.0  | -0.0       | -0.1             | -0.1   | -0.1  | -0.0  |       |      |      |     |
|            |      |            | J                | 0.0  | -0.0       | -0.1             | -0.1   | -0.1  | -0.0  |       |      |      |     |
|            |      |            | perm             | I    | 0.0        | -0.0             | -0.0   | -0.1  | -0.2  | -0.1  |      |      |     |
|            |      |            | CNT              | 0.0  | -0.0       | -0.0             | -0.1   | -0.2  | -0.1  |       |      |      |     |
|            |      |            | J                | 0.0  | -0.0       | -0.0             | -0.1   | -0.2  | -0.0  |       |      |      |     |
|            |      |            | acc              | I    | 0.0        | 0.0              | 0.0    | 0.0   | 0.0   | 0.0   |      |      |     |
|            |      |            | CNT              | 0.0  | 0.0        | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
|            |      |            | J                | 0.0  | 0.0        | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |        |       |       |       |      |      |     |
|            |      |            | 369              | 2    | 3 c mobili | Max              | I      | 0.8   | 0.4   | 1.4   | 1.0  | 1.3  | 0.4 |
|            |      |            |                  |      |            | CNT              | 0.8    | 0.4   | 1.4   | 1.0   | 7.4  | 0.4  |     |
| J          | 0.8  | 0.4        |                  |      |            | 66.6             | 1.0    | 4.2   | 0.5   |       |      |      |     |
| Min        | I    | -0.6       |                  |      |            | -0.7             | -56.7  | -1.3  | -10.5 | -0.3  |      |      |     |
| CNT        | -0.6 | -0.7       |                  |      |            | -56.7            | -1.3   | -0.7  | -0.2  |       |      |      |     |
| J          | -0.6 | -0.7       |                  |      |            | -11.3            | -1.3   | -8.0  | -0.3  |       |      |      |     |
| PP         | I    | 0.0        |                  |      |            | -0.0             | -0.1   | -0.1  | -0.1  | -0.0  |      |      |     |
| CNT        | 0.0  | -0.0       |                  |      |            | -0.1             | -0.1   | -0.1  | -0.0  |       |      |      |     |
| J          | 0.0  | -0.0       |                  |      |            | -0.1             | -0.1   | -0.0  | -0.0  |       |      |      |     |
| perm       | I    | 0.1        |                  |      |            | -0.0             | 0.1    | -0.1  | -0.1  | -0.1  |      |      |     |
| CNT        | 0.1  | -0.0       |                  |      |            | 0.1              | -0.1   | -0.2  | -0.1  |       |      |      |     |
| J          | 0.1  | -0.0       |                  |      |            | 0.1              | -0.1   | -0.2  | -0.0  |       |      |      |     |
| acc        | I    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0   | 0.0   | 0.0   |      |      |     |
| CNT        | 0.0  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
| J          | 0.0  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |        |       |       |       |      |      |     |
| 370        | 2    | 3 c mobili |                  |      |            | Max              | I      | 0.7   | 0.3   | 3.3   | 1.0  | 1.0  | 0.4 |
|            |      |            |                  |      |            | CNT              | 0.7    | 0.3   | 3.3   | 1.0   | 6.8  | 0.4  |     |
|            |      |            | J                | 0.7  | 0.3        | 66.5             | 1.0    | 3.6   | 0.5   |       |      |      |     |
|            |      |            | Min              | I    | -0.7       | -0.6             | -56.6  | -1.4  | -10.3 | -0.3  |      |      |     |
|            |      |            | CNT              | -0.7 | -0.6       | -56.6            | -1.4   | -0.4  | -0.2  |       |      |      |     |
|            |      |            | J                | -0.7 | -0.6       | -10.5            | -1.4   | -7.9  | -0.3  |       |      |      |     |
|            |      |            | PP               | I    | 0.1        | -0.0             | -0.1   | -0.1  | -0.1  | -0.0  |      |      |     |
|            |      |            | CNT              | 0.1  | -0.0       | -0.1             | -0.1   | -0.0  | -0.0  |       |      |      |     |
|            |      |            | J                | 0.1  | -0.0       | -0.1             | -0.1   | 0.0   | -0.0  |       |      |      |     |
|            |      |            | perm             | I    | 0.1        | -0.0             | 0.3    | -0.1  | 0.0   | -0.1  |      |      |     |
|            |      |            | CNT              | 0.1  | -0.0       | 0.3              | -0.1   | -0.1  | -0.0  |       |      |      |     |
|            |      |            | J                | 0.1  | -0.0       | 0.3              | -0.1   | -0.2  | -0.0  |       |      |      |     |
|            |      |            | acc              | I    | 0.0        | 0.0              | 0.0    | 0.0   | 0.0   | 0.0   |      |      |     |
|            |      |            | CNT              | 0.0  | 0.0        | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
|            |      |            | J                | 0.0  | 0.0        | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
|            |      |            | Length = 2       |      | Type: Beam | Section: soletta |        |       |       |       |      |      |     |
|            |      |            | 371              | 2    | 3 c mobili | Max              | I      | 0.6   | 0.2   | 7.5   | 1.0  | 2.3  | 0.4 |
|            |      |            |                  |      |            | CNT              | 0.6    | 0.2   | 7.5   | 1.0   | 6.3  | 0.4  |     |
| J          | 0.6  | 0.2        |                  |      |            | 68.1             | 1.0    | 3.8   | 0.5   |       |      |      |     |
| Min        | I    | -0.7       |                  |      |            | -0.4             | -58.9  | -1.3  | -11.4 | -0.2  |      |      |     |
| CNT        | -0.7 | -0.4       |                  |      |            | -58.9            | -1.3   | -0.2  | -0.2  |       |      |      |     |
| J          | -0.7 | -0.4       |                  |      |            | -12.0            | -1.3   | -8.5  | -0.2  |       |      |      |     |
| PP         | I    | 0.1        |                  |      |            | -0.0             | -0.1   | -0.1  | -0.0  | -0.0  |      |      |     |
| CNT        | 0.1  | -0.0       |                  |      |            | -0.1             | -0.1   | 0.0   | -0.0  |       |      |      |     |
| J          | 0.1  | -0.0       |                  |      |            | -0.1             | -0.1   | 0.0   | -0.0  |       |      |      |     |
| perm       | I    | 0.1        |                  |      |            | -0.0             | 0.7    | -0.1  | 0.2   | -0.1  |      |      |     |
| CNT        | 0.1  | -0.0       |                  |      |            | 0.7              | -0.1   | -0.0  | -0.0  |       |      |      |     |
| J          | 0.1  | -0.0       |                  |      |            | 0.7              | -0.1   | -0.2  | -0.0  |       |      |      |     |
| acc        | I    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0   | 0.0   | 0.0   |      |      |     |
| CNT        | 0.0  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
| J          | 0.0  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0   | 0.0   |       |      |      |     |
| Length = 2 |      | Type: Beam |                  |      |            | Section: soletta |        |       |       |       |      |      |     |
| 372        | 2    | 4 c mobili |                  |      |            | Max              | I      | 0.9   | 0.6   | 112.8 | 17.1 | 40.1 | 1.2 |
|            |      |            |                  |      |            | CNT              | 0.9    | 0.6   | 112.8 | 17.1  | 37.3 | 1.2  |     |
|            |      |            | J                | 0.9  | 0.6        | 154.7            | 17.1   | 45.4  | 1.4   |       |      |      |     |
|            |      |            | Min              | I    | -2.6       | -1.0             | -124.7 | -22.7 | -56.4 | -0.6  |      |      |     |
|            |      |            | CNT              | -2.6 | -1.0       | -124.7           | -22.7  | -43.1 | -0.6  |       |      |      |     |
|            |      |            | J                | -2.6 | -1.0       | -105.1           | -22.7  | -57.3 | -0.7  |       |      |      |     |
|            |      |            | PP               | I    | 0.1        | -0.0             | 5.7    | -0.9  | 5.8   | -0.1  |      |      |     |
|            |      |            | CNT              | 0.1  | -0.0       | 5.7              | -0.9   | 4.1   | -0.1  |       |      |      |     |
|            |      |            | J                | 0.1  | -0.0       | 5.7              | -0.9   | 2.4   | -0.1  |       |      |      |     |
|            |      |            | perm             | I    | 0.1        | -0.0             | 11.3   | -1.7  | 8.7   | -0.1  |      |      |     |
|            |      |            | CNT              | 0.1  | -0.0       | 11.3             | -1.7   | 5.3   | -0.1  |       |      |      |     |
|            |      |            | J                | 0.1  | -0.0       | 11.3             | -1.7   | 1.9   | -0.1  |       |      |      |     |

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|     |   |              |          |            |                        |      |      |        |        |       |      |
|-----|---|--------------|----------|------------|------------------------|------|------|--------|--------|-------|------|
|     |   |              | acc      | I          | 0.0                    | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          | CNT        | 0.0                    | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          | J          | 0.0                    | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 2   |          | Type: Beam | Section: trasverso cap |      |      |        |        |       |      |
| 373 | 1 | 1            | c mobili | Max        | I                      | 0.6  | 1.1  | 143.7  | 148.9  | 5.7   | 1.1  |
|     |   |              |          |            | CNT                    | 0.6  | 1.1  | 143.7  | 148.9  | 16.5  | 1.1  |
|     |   |              |          |            | J                      | 0.6  | 1.1  | 143.7  | 148.9  | 28.0  | 1.6  |
|     |   |              |          | Min        | I                      | -1.0 | -3.8 | -45.7  | -179.3 | -7.7  | -2.4 |
|     |   |              |          |            | CNT                    | -1.0 | -3.8 | -45.7  | -179.3 | -37.7 | -2.2 |
|     |   |              |          |            | J                      | -1.0 | -3.8 | -45.7  | -179.3 | -73.6 | -2.2 |
|     |   |              |          | pp         | I                      | -0.2 | -0.1 | -7.9   | -8.6   | 0.8   | 0.1  |
|     |   |              |          |            | CNT                    | -0.2 | -0.1 | -1.5   | -8.6   | 1.9   | 0.1  |
|     |   |              |          |            | J                      | -0.2 | -0.1 | 4.9    | -8.6   | 1.5   | 0.1  |
|     |   |              |          | perm       | I                      | -0.1 | 0.1  | -5.2   | -18.6  | 0.8   | 0.2  |
|     |   |              |          |            | CNT                    | -0.1 | 0.1  | -3.7   | -18.6  | 1.9   | 0.2  |
|     |   |              |          |            | J                      | -0.1 | 0.1  | -2.2   | -18.6  | 2.6   | 0.2  |
|     |   |              |          | acc        | I                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | CNT                    | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | J                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 |          | Type: Beam | Section: cap           |      |      |        |        |       |      |
| 374 | 1 | 1            | c mobili | Max        | I                      | 0.8  | 1.3  | 5.9    | 161.6  | 28.3  | 1.7  |
|     |   |              |          |            | CNT                    | 0.8  | 1.3  | 5.9    | 161.6  | 67.4  | 2.6  |
|     |   |              |          |            | J                      | 0.8  | 1.3  | 5.9    | 161.6  | 142.2 | 3.5  |
|     |   |              |          | Min        | I                      | -1.4 | -4.1 | -301.9 | -190.6 | -73.7 | -3.0 |
|     |   |              |          |            | CNT                    | -1.4 | -4.1 | -301.9 | -190.6 | -61.6 | -2.9 |
|     |   |              |          |            | J                      | -1.4 | -4.1 | -301.9 | -190.6 | -59.8 | -2.9 |
|     |   |              |          | pp         | I                      | -0.2 | -0.1 | -282.3 | -10.5  | 1.6   | 0.1  |
|     |   |              |          |            | CNT                    | -0.2 | -0.1 | -275.9 | -10.5  | 71.3  | 0.2  |
|     |   |              |          |            | J                      | -0.2 | -0.1 | -269.5 | -10.5  | 139.5 | 0.2  |
|     |   |              |          | perm       | I                      | -0.1 | 0.1  | -79.8  | -21.3  | 2.6   | 0.2  |
|     |   |              |          |            | CNT                    | -0.1 | 0.1  | -78.3  | -21.3  | 22.4  | 0.2  |
|     |   |              |          |            | J                      | -0.1 | 0.1  | -76.8  | -21.3  | 41.8  | 0.2  |
|     |   |              |          | acc        | I                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | CNT                    | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | J                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 |          | Type: Beam | Section: cap           |      |      |        |        |       |      |
| 375 | 1 | 1            | c mobili | Max        | I                      | 0.8  | 1.5  | 16.0   | 171.7  | 142.1 | 3.8  |
|     |   |              |          |            | CNT                    | 0.8  | 1.5  | 16.0   | 171.7  | 197.9 | 4.4  |
|     |   |              |          |            | J                      | 0.8  | 1.5  | 16.0   | 171.7  | 268.7 | 5.3  |
|     |   |              |          | Min        | I                      | -1.8 | -4.2 | -283.9 | -193.7 | -59.8 | -3.6 |
|     |   |              |          |            | CNT                    | -1.8 | -4.2 | -283.9 | -193.7 | -58.3 | -3.7 |
|     |   |              |          |            | J                      | -1.8 | -4.2 | -283.9 | -193.7 | -56.8 | -3.8 |
|     |   |              |          | pp         | I                      | -0.2 | -0.0 | -270.9 | -11.6  | 139.6 | 0.1  |
|     |   |              |          |            | CNT                    | -0.2 | -0.0 | -264.6 | -11.6  | 206.5 | 0.1  |
|     |   |              |          |            | J                      | -0.2 | -0.0 | -258.2 | -11.6  | 271.9 | 0.2  |
|     |   |              |          | perm       | I                      | -0.1 | 0.2  | -77.4  | -22.6  | 41.9  | 0.2  |
|     |   |              |          |            | CNT                    | -0.1 | 0.2  | -75.9  | -22.6  | 61.0  | 0.1  |
|     |   |              |          |            | J                      | -0.1 | 0.2  | -74.4  | -22.6  | 79.8  | 0.1  |
|     |   |              |          | acc        | I                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | CNT                    | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | J                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 |          | Type: Beam | Section: cap           |      |      |        |        |       |      |
| 376 | 1 | 1            | c mobili | Max        | I                      | 0.8  | 1.6  | 23.6   | 175.3  | 268.5 | 5.7  |
|     |   |              |          |            | CNT                    | 0.8  | 1.6  | 23.6   | 175.3  | 315.4 | 6.3  |
|     |   |              |          |            | J                      | 0.8  | 1.6  | 23.6   | 175.3  | 382.8 | 6.9  |
|     |   |              |          | Min        | I                      | -2.1 | -4.2 | -270.5 | -197.4 | -56.8 | -4.7 |
|     |   |              |          |            | CNT                    | -2.1 | -4.2 | -270.5 | -197.4 | -55.4 | -4.8 |
|     |   |              |          |            | J                      | -2.1 | -4.2 | -270.5 | -197.4 | -54.0 | -5.0 |
|     |   |              |          | pp         | I                      | -0.1 | 0.0  | -259.0 | -12.1  | 271.9 | 0.1  |
|     |   |              |          |            | CNT                    | -0.1 | 0.0  | -252.7 | -12.1  | 335.9 | 0.1  |
|     |   |              |          |            | J                      | -0.1 | 0.0  | -246.3 | -12.1  | 398.3 | 0.1  |
|     |   |              |          | perm       | I                      | -0.1 | 0.2  | -74.5  | -23.0  | 79.9  | 0.0  |
|     |   |              |          |            | CNT                    | -0.1 | 0.2  | -73.0  | -23.0  | 98.3  | -0.0 |
|     |   |              |          |            | J                      | -0.1 | 0.2  | -71.5  | -23.0  | 116.4 | -0.1 |
|     |   |              |          | acc        | I                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | CNT                    | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |          |            | J                      | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 |          | Type: Beam | Section: cap           |      |      |        |        |       |      |
| 377 | 1 | 1            | c mobili | Max        | I                      | 0.9  | 1.9  | 34.0   | 174.5  | 382.6 | 7.3  |
|     |   |              |          |            | CNT                    | 0.9  | 1.9  | 34.0   | 174.5  | 422.4 | 7.8  |
|     |   |              |          |            | J                      | 0.9  | 1.9  | 34.0   | 174.5  | 487.0 | 8.3  |
|     |   |              |          | Min        | I                      | -2.2 | -4.2 | -259.4 | -194.8 | -54.0 | -5.7 |
|     |   |              |          |            | CNT                    | -2.2 | -4.2 | -259.4 | -194.8 | -52.7 | -5.9 |
|     |   |              |          |            | J                      | -2.2 | -4.2 | -259.4 | -194.8 | -51.4 | -6.0 |
|     |   |              |          | pp         | I                      | -0.1 | 0.1  | -246.8 | -12.3  | 398.3 | 0.0  |
|     |   |              |          |            | CNT                    | -0.1 | 0.1  | -240.4 | -12.3  | 459.2 | 0.0  |

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|     |   |              |            |              |      |        |        |        |       |      |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|-------|------|
|     |   |              | J          | -0.1         | 0.1  | -234.0 | -12.3  | 518.5  | 0.0   |      |
|     |   | perm         | I          | -0.0         | 0.2  | -71.3  | -22.9  | 116.4  | -0.1  |      |
|     |   |              | CNT        | -0.0         | 0.2  | -69.8  | -22.9  | 134.0  | -0.1  |      |
|     |   |              | J          | -0.0         | 0.2  | -68.3  | -22.9  | 151.3  | -0.2  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 378 | 1 | 1 c mobili   | Max        | I            | 0.9  | 2.1    | 44.4   | 171.1  | 486.8 | 8.5  |
|     |   |              |            | CNT          | 0.9  | 2.1    | 44.4   | 171.1  | 520.4 | 8.9  |
|     |   |              |            | J            | 0.9  | 2.1    | 44.4   | 171.1  | 582.5 | 9.4  |
|     |   |              | Min        | I            | -2.3 | -4.1   | -249.7 | -192.2 | -51.4 | -6.8 |
|     |   |              |            | CNT          | -2.3 | -4.1   | -249.7 | -192.2 | -50.2 | -6.9 |
|     |   |              |            | J            | -2.3 | -4.1   | -249.7 | -192.2 | -49.0 | -7.0 |
|     |   |              | pp         | I            | -0.0 | 0.1    | -234.2 | -12.3  | 518.6 | -0.0 |
|     |   |              |            | CNT          | -0.0 | 0.1    | -227.8 | -12.3  | 576.3 | -0.0 |
|     |   |              |            | J            | -0.0 | 0.1    | -221.5 | -12.3  | 632.5 | -0.1 |
|     |   | perm         | I          | -0.0         | 0.2  | -67.8  | -22.5  | 151.4  | -0.2  |      |
|     |   |              | CNT        | -0.0         | 0.2  | -66.3  | -22.5  | 168.1  | -0.3  |      |
|     |   |              | J          | -0.0         | 0.2  | -64.8  | -22.5  | 184.5  | -0.3  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 379 | 1 | 1 c mobili   | Max        | I            | 1.0  | 2.3    | 53.0   | 166.0  | 582.3 | 9.5  |
|     |   |              |            | CNT          | 1.0  | 2.3    | 53.0   | 166.0  | 610.3 | 9.8  |
|     |   |              |            | J            | 1.0  | 2.3    | 53.0   | 166.0  | 670.1 | 10.2 |
|     |   |              | Min        | I            | -2.4 | -4.0   | -240.8 | -189.6 | -49.0 | -7.7 |
|     |   |              |            | CNT          | -2.4 | -4.0   | -240.8 | -189.6 | -47.9 | -7.8 |
|     |   |              |            | J            | -2.4 | -4.0   | -240.8 | -189.6 | -46.8 | -7.9 |
|     |   |              | pp         | I            | -0.0 | 0.1    | -221.5 | -12.0  | 632.5 | -0.1 |
|     |   |              |            | CNT          | -0.0 | 0.1    | -215.1 | -12.0  | 687.1 | -0.1 |
|     |   |              |            | J            | -0.0 | 0.1    | -208.8 | -12.0  | 740.1 | -0.2 |
|     |   | perm         | I          | 0.0          | 0.2  | -64.2  | -21.8  | 184.6  | -0.3  |      |
|     |   |              | CNT        | 0.0          | 0.2  | -62.7  | -21.8  | 200.4  | -0.4  |      |
|     |   |              | J          | 0.0          | 0.2  | -61.2  | -21.8  | 215.9  | -0.5  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 380 | 1 | 1 c mobili   | Max        | I            | 1.0  | 2.5    | 60.6   | 160.0  | 669.9 | 10.3 |
|     |   |              |            | CNT          | 1.0  | 2.5    | 60.6   | 160.0  | 694.0 | 10.5 |
|     |   |              |            | J            | 1.0  | 2.5    | 60.6   | 160.0  | 750.4 | 10.8 |
|     |   |              | Min        | I            | -2.4 | -4.0   | -232.6 | -186.6 | -46.8 | -8.5 |
|     |   |              |            | CNT          | -2.4 | -4.0   | -232.6 | -186.6 | -45.8 | -8.6 |
|     |   |              |            | J            | -2.4 | -4.0   | -232.6 | -186.6 | -44.7 | -8.7 |
|     |   |              | pp         | I            | 0.0  | 0.1    | -208.7 | -11.7  | 740.2 | -0.2 |
|     |   |              |            | CNT          | 0.0  | 0.1    | -202.3 | -11.7  | 791.5 | -0.2 |
|     |   |              |            | J            | 0.0  | 0.1    | -195.9 | -11.7  | 841.3 | -0.2 |
|     |   | perm         | I          | 0.0          | 0.2  | -60.6  | -20.9  | 216.0  | -0.4  |      |
|     |   |              | CNT        | 0.0          | 0.2  | -59.1  | -20.9  | 230.9  | -0.5  |      |
|     |   |              | J          | 0.0          | 0.2  | -57.6  | -20.9  | 245.5  | -0.6  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 381 | 1 | 1 c mobili   | Max        | I            | 1.0  | 2.7    | 67.5   | 153.5  | 750.2 | 10.9 |
|     |   |              |            | CNT          | 1.0  | 2.7    | 67.5   | 153.5  | 771.4 | 11.0 |
|     |   |              |            | J            | 1.0  | 2.7    | 67.5   | 153.5  | 824.0 | 11.3 |
|     |   |              | Min        | I            | -2.5 | -3.9   | -225.0 | -183.1 | -44.7 | -9.2 |
|     |   |              |            | CNT          | -2.5 | -3.9   | -225.0 | -183.1 | -43.8 | -9.3 |
|     |   |              |            | J            | -2.5 | -3.9   | -225.0 | -183.1 | -42.8 | -9.3 |
|     |   |              | pp         | I            | 0.0  | 0.1    | -195.7 | -11.2  | 841.4 | -0.2 |
|     |   |              |            | CNT          | 0.0  | 0.1    | -189.4 | -11.2  | 889.5 | -0.3 |
|     |   |              |            | J            | 0.0  | 0.1    | -183.0 | -11.2  | 936.0 | -0.3 |
|     |   | perm         | I          | 0.0          | 0.2  | -56.8  | -19.9  | 245.6  | -0.5  |      |
|     |   |              | CNT        | 0.0          | 0.2  | -55.3  | -19.9  | 259.6  | -0.6  |      |
|     |   |              | J          | 0.0          | 0.2  | -53.8  | -19.9  | 273.2  | -0.6  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |       |      |
| 382 | 1 | 1 c mobili   | Max        | I            | 1.0  | 2.8    | 73.9   | 146.9  | 823.8 | 11.3 |
|     |   |              |            | CNT          | 1.0  | 2.8    | 73.9   | 146.9  | 842.9 | 11.3 |
|     |   |              |            | J            | 1.0  | 2.8    | 73.9   | 146.9  | 891.2 | 11.6 |
|     |   |              | Min        | I            | -2.5 | -3.9   | -217.7 | -179.0 | -42.8 | -9.8 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|     |   |              |            |              |      |        |        |        |        |       |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|--------|-------|
|     |   |              | CNT        | -2.5         | -3.9 | -217.7 | -179.0 | -41.9  | -9.8   |       |
|     |   |              | J          | -2.5         | -3.9 | -217.7 | -179.0 | -41.0  | -9.9   |       |
|     |   | pp           | I          | 0.0          | 0.1  | -182.8 | -10.7  | 936.1  | -0.3   |       |
|     |   |              | CNT        | 0.0          | 0.1  | -176.4 | -10.7  | 981.0  | -0.3   |       |
|     |   |              | J          | 0.0          | 0.1  | -170.0 | -10.7  | 1024.3 | -0.4   |       |
|     |   | perm         | I          | 0.0          | 0.2  | -53.1  | -18.8  | 273.3  | -0.6   |       |
|     |   |              | CNT        | 0.0          | 0.2  | -51.6  | -18.8  | 286.3  | -0.7   |       |
|     |   |              | J          | 0.0          | 0.2  | -50.1  | -18.8  | 299.0  | -0.7   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 383 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.0    | 79.9   | 140.4  | 891.0  | 11.5  |
|     |   |              |            | CNT          | 1.0  | 3.0    | 79.9   | 140.4  | 908.2  | 11.6  |
|     |   |              |            | J            | 1.0  | 3.0    | 79.9   | 140.4  | 952.2  | 11.8  |
|     |   |              | Min        | I            | -2.5 | -3.8   | -210.9 | -174.4 | -41.0  | -10.3 |
|     |   |              |            | CNT          | -2.5 | -3.8   | -210.9 | -174.4 | -40.1  | -10.3 |
|     |   |              |            | J            | -2.5 | -3.8   | -210.9 | -174.4 | -39.2  | -10.3 |
|     |   | pp           | I          | 0.0          | 0.1  | -169.7 | -10.1  | 1024.3 | -0.3   |       |
|     |   |              | CNT        | 0.0          | 0.1  | -163.4 | -10.1  | 1066.0 | -0.4   |       |
|     |   |              | J          | 0.0          | 0.1  | -157.0 | -10.1  | 1106.0 | -0.4   |       |
|     |   | perm         | I          | 0.0          | 0.2  | -49.3  | -17.6  | 299.1  | -0.7   |       |
|     |   |              | CNT        | 0.0          | 0.2  | -47.8  | -17.6  | 311.2  | -0.7   |       |
|     |   |              | J          | 0.0          | 0.2  | -46.3  | -17.6  | 323.0  | -0.8   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 384 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.1    | 85.5   | 134.0  | 952.0  | 11.7  |
|     |   |              |            | CNT          | 1.0  | 3.1    | 85.5   | 134.0  | 967.4  | 11.7  |
|     |   |              |            | J            | 1.0  | 3.1    | 85.5   | 134.0  | 1007.5 | 11.9  |
|     |   |              | Min        | I            | -2.6 | -3.8   | -204.3 | -169.1 | -39.2  | -10.7 |
|     |   |              |            | CNT          | -2.6 | -3.8   | -204.3 | -169.1 | -38.4  | -10.7 |
|     |   |              |            | J            | -2.6 | -3.8   | -204.3 | -169.1 | -37.6  | -10.7 |
|     |   | pp           | I          | 0.0          | 0.1  | -156.7 | -9.4   | 1106.0 | -0.4   |       |
|     |   |              | CNT        | 0.0          | 0.1  | -150.3 | -9.4   | 1144.4 | -0.4   |       |
|     |   |              | J          | 0.0          | 0.1  | -144.0 | -9.4   | 1181.2 | -0.4   |       |
|     |   | perm         | I          | 0.0          | 0.2  | -45.5  | -16.3  | 323.0  | -0.7   |       |
|     |   |              | CNT        | 0.0          | 0.2  | -44.0  | -16.3  | 334.2  | -0.8   |       |
|     |   |              | J          | 0.0          | 0.2  | -42.5  | -16.3  | 345.0  | -0.8   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 385 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.2    | 90.9   | 127.7  | 1007.3 | 11.9  |
|     |   |              |            | CNT          | 1.0  | 3.2    | 90.9   | 127.7  | 1021.0 | 11.8  |
|     |   |              |            | J            | 1.0  | 3.2    | 90.9   | 127.7  | 1057.2 | 12.0  |
|     |   |              | Min        | I            | -2.6 | -3.8   | -198.0 | -163.2 | -37.6  | -11.0 |
|     |   |              |            | CNT          | -2.6 | -3.8   | -198.0 | -163.2 | -36.8  | -11.0 |
|     |   |              |            | J            | -2.6 | -3.8   | -198.0 | -163.2 | -36.0  | -11.0 |
|     |   | pp           | I          | 0.0          | 0.1  | -143.7 | -8.7   | 1181.2 | -0.4   |       |
|     |   |              | CNT        | 0.0          | 0.1  | -137.3 | -8.7   | 1216.4 | -0.4   |       |
|     |   |              | J          | 0.0          | 0.1  | -130.9 | -8.7   | 1249.9 | -0.5   |       |
|     |   | perm         | I          | 0.0          | 0.1  | -41.6  | -15.0  | 345.0  | -0.8   |       |
|     |   |              | CNT        | 0.0          | 0.1  | -40.1  | -15.0  | 355.2  | -0.8   |       |
|     |   |              | J          | 0.0          | 0.1  | -38.6  | -15.0  | 365.1  | -0.9   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 386 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.2    | 96.0   | 121.6  | 1057.0 | 11.9  |
|     |   |              |            | CNT          | 1.0  | 3.2    | 96.0   | 121.6  | 1068.9 | 11.9  |
|     |   |              |            | J            | 1.0  | 3.2    | 96.0   | 121.6  | 1101.5 | 12.0  |
|     |   |              | Min        | I            | -2.6 | -3.7   | -192.0 | -156.8 | -36.0  | -11.3 |
|     |   |              |            | CNT          | -2.6 | -3.7   | -192.0 | -156.8 | -35.2  | -11.3 |
|     |   |              |            | J            | -2.6 | -3.7   | -192.0 | -156.8 | -34.4  | -11.3 |
|     |   | pp           | I          | 0.0          | 0.1  | -130.6 | -8.0   | 1249.9 | -0.5   |       |
|     |   |              | CNT        | 0.0          | 0.1  | -124.2 | -8.0   | 1281.8 | -0.5   |       |
|     |   |              | J          | 0.0          | 0.1  | -117.8 | -8.0   | 1312.0 | -0.5   |       |
|     |   | perm         | I          | 0.0          | 0.1  | -37.8  | -13.7  | 365.1  | -0.8   |       |
|     |   |              | CNT        | 0.0          | 0.1  | -36.3  | -13.7  | 374.4  | -0.9   |       |
|     |   |              | J          | 0.0          | 0.1  | -34.8  | -13.7  | 383.3  | -0.9   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |

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|     |   |            |      |     |      |      |        |        |        |       |
|-----|---|------------|------|-----|------|------|--------|--------|--------|-------|
| 387 | 1 | 1 c mobili | Max  | I   | 1.0  | 3.3  | 100.9  | 115.7  | 1101.3 | 12.0  |
|     |   |            |      | CNT | 1.0  | 3.3  | 100.9  | 115.7  | 1111.6 | 11.9  |
|     |   |            |      | J   | 1.0  | 3.3  | 100.9  | 115.7  | 1140.6 | 12.0  |
|     |   |            | Min  | I   | -2.7 | -3.7 | -186.1 | -149.9 | -34.4  | -11.6 |
|     |   |            |      | CNT | -2.7 | -3.7 | -186.1 | -149.9 | -33.7  | -11.5 |
|     |   |            |      | J   | -2.7 | -3.7 | -186.1 | -149.9 | -33.0  | -11.5 |
|     |   |            | PP   | I   | 0.0  | 0.1  | -117.5 | -7.2   | 1312.0 | -0.5  |
|     |   |            |      | CNT | 0.0  | 0.1  | -111.1 | -7.2   | 1340.6 | -0.5  |
|     |   |            |      | J   | 0.0  | 0.1  | -104.8 | -7.2   | 1367.6 | -0.5  |
|     |   |            | perm | I   | 0.0  | 0.1  | -34.0  | -12.3  | 383.3  | -0.9  |
|     |   |            |      | CNT | 0.0  | 0.1  | -32.5  | -12.3  | 391.6  | -0.9  |
|     |   |            |      | J   | 0.0  | 0.1  | -31.0  | -12.3  | 399.6  | -0.9  |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |        |       |
|-----|---|------------|------|-----|------|------|--------|--------|--------|-------|
| 388 | 1 | 1 c mobili | Max  | I   | 1.0  | 3.3  | 105.6  | 110.2  | 1140.4 | 12.0  |
|     |   |            |      | CNT | 1.0  | 3.3  | 105.6  | 110.2  | 1149.0 | 11.9  |
|     |   |            |      | J   | 1.0  | 3.3  | 105.6  | 110.2  | 1174.6 | 12.0  |
|     |   |            | Min  | I   | -2.7 | -3.7 | -180.4 | -142.6 | -33.0  | -11.8 |
|     |   |            |      | CNT | -2.7 | -3.7 | -180.4 | -142.6 | -32.3  | -11.7 |
|     |   |            |      | J   | -2.7 | -3.7 | -180.4 | -142.6 | -31.6  | -11.7 |
|     |   |            | PP   | I   | 0.0  | 0.1  | -104.4 | -6.4   | 1367.6 | -0.5  |
|     |   |            |      | CNT | 0.0  | 0.1  | -98.1  | -6.4   | 1393.0 | -0.5  |
|     |   |            |      | J   | 0.0  | 0.1  | -91.7  | -6.4   | 1416.7 | -0.5  |
|     |   |            | perm | I   | 0.0  | 0.1  | -30.2  | -10.9  | 399.6  | -0.9  |
|     |   |            |      | CNT | 0.0  | 0.1  | -28.7  | -10.9  | 406.9  | -0.9  |
|     |   |            |      | J   | 0.0  | 0.1  | -27.2  | -10.9  | 413.9  | -0.9  |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |        |       |
|-----|---|------------|------|-----|------|------|--------|--------|--------|-------|
| 389 | 1 | 1 c mobili | Max  | I   | 1.0  | 3.4  | 110.3  | 105.9  | 1174.4 | 12.0  |
|     |   |            |      | CNT | 1.0  | 3.4  | 110.3  | 105.9  | 1181.4 | 11.9  |
|     |   |            |      | J   | 1.0  | 3.4  | 110.3  | 105.9  | 1203.6 | 12.0  |
|     |   |            | Min  | I   | -2.7 | -3.7 | -174.9 | -135.2 | -31.6  | -11.9 |
|     |   |            |      | CNT | -2.7 | -3.7 | -174.9 | -135.2 | -30.9  | -11.9 |
|     |   |            |      | J   | -2.7 | -3.7 | -174.9 | -135.2 | -30.2  | -11.8 |
|     |   |            | PP   | I   | 0.0  | 0.1  | -91.4  | -5.6   | 1416.7 | -0.5  |
|     |   |            |      | CNT | 0.0  | 0.1  | -85.0  | -5.6   | 1438.7 | -0.5  |
|     |   |            |      | J   | 0.0  | 0.1  | -78.6  | -5.6   | 1459.2 | -0.5  |
|     |   |            | perm | I   | 0.0  | 0.1  | -26.4  | -9.5   | 413.9  | -0.9  |
|     |   |            |      | CNT | 0.0  | 0.1  | -24.9  | -9.5   | 420.3  | -0.9  |
|     |   |            |      | J   | 0.0  | 0.1  | -23.4  | -9.5   | 426.4  | -0.9  |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |        |       |
|-----|---|------------|------|-----|------|------|--------|--------|--------|-------|
| 390 | 1 | 1 c mobili | Max  | I   | 1.0  | 3.4  | 115.1  | 102.2  | 1203.4 | 12.0  |
|     |   |            |      | CNT | 1.0  | 3.4  | 115.1  | 102.2  | 1208.8 | 11.9  |
|     |   |            |      | J   | 1.0  | 3.4  | 115.1  | 102.2  | 1227.6 | 12.0  |
|     |   |            | Min  | I   | -2.8 | -3.6 | -169.5 | -127.7 | -30.2  | -12.0 |
|     |   |            |      | CNT | -2.8 | -3.6 | -169.5 | -127.7 | -29.5  | -12.0 |
|     |   |            |      | J   | -2.8 | -3.6 | -169.5 | -127.7 | -28.9  | -11.9 |
|     |   |            | PP   | I   | 0.0  | 0.0  | -78.3  | -4.7   | 1459.2 | -0.5  |
|     |   |            |      | CNT | 0.0  | 0.0  | -71.9  | -4.7   | 1478.0 | -0.5  |
|     |   |            |      | J   | 0.0  | 0.0  | -65.6  | -4.7   | 1495.2 | -0.6  |
|     |   |            | perm | I   | 0.0  | 0.1  | -22.5  | -8.0   | 426.4  | -0.9  |
|     |   |            |      | CNT | 0.0  | 0.1  | -21.0  | -8.0   | 431.8  | -0.9  |
|     |   |            |      | J   | 0.0  | 0.1  | -19.5  | -8.0   | 436.9  | -1.0  |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |      |      |        |        |        |       |
|-----|---|------------|------|-----|------|------|--------|--------|--------|-------|
| 391 | 1 | 1 c mobili | Max  | I   | 1.0  | 3.5  | 119.9  | 98.8   | 1227.5 | 11.9  |
|     |   |            |      | CNT | 1.0  | 3.5  | 119.9  | 98.8   | 1231.3 | 11.8  |
|     |   |            |      | J   | 1.0  | 3.5  | 119.9  | 98.8   | 1246.9 | 11.9  |
|     |   |            | Min  | I   | -2.8 | -3.6 | -164.2 | -120.6 | -28.9  | -12.1 |
|     |   |            |      | CNT | -2.8 | -3.6 | -164.2 | -120.6 | -28.2  | -12.0 |
|     |   |            |      | J   | -2.8 | -3.6 | -164.2 | -120.6 | -27.6  | -12.0 |
|     |   |            | PP   | I   | 0.0  | 0.0  | -65.2  | -3.9   | 1495.2 | -0.5  |
|     |   |            |      | CNT | 0.0  | 0.0  | -58.8  | -3.9   | 1510.7 | -0.6  |
|     |   |            |      | J   | 0.0  | 0.0  | -52.5  | -3.9   | 1524.6 | -0.6  |
|     |   |            | perm | I   | 0.0  | 0.1  | -18.7  | -6.6   | 436.9  | -0.9  |
|     |   |            |      | CNT | 0.0  | 0.1  | -17.2  | -6.6   | 441.4  | -0.9  |
|     |   |            |      | J   | 0.0  | 0.1  | -15.7  | -6.6   | 445.5  | -1.0  |

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|     |              |            |            |              |      |      |        |        |        |       |     |
|-----|--------------|------------|------------|--------------|------|------|--------|--------|--------|-------|-----|
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 392 | 1            | 1 c mobili | Max        | I            | 1.0  | 3.5  | 124.6  | 95.8   | 1246.8 | 11.9  |     |
|     |              |            |            | CNT          | 1.0  | 3.5  | 124.6  | 95.8   | 1249.0 | 11.8  |     |
|     |              |            |            | J            | 1.0  | 3.5  | 124.6  | 95.8   | 1261.4 | 11.9  |     |
|     |              |            | Min        | I            | -2.8 | -3.6 | -159.0 | -114.0 | -27.6  | -12.2 |     |
|     |              |            |            | CNT          | -2.8 | -3.6 | -159.0 | -114.0 | -26.9  | -12.1 |     |
|     |              |            |            | J            | -2.8 | -3.6 | -159.0 | -114.0 | -26.3  | -12.0 |     |
|     |              |            | pp         | I            | 0.0  | 0.0  | -52.1  | -3.0   | 1524.6 | -0.6  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | -45.8  | -3.0   | 1536.9 | -0.6  |     |
|     |              |            |            | J            | 0.0  | 0.0  | -39.4  | -3.0   | 1547.5 | -0.6  |     |
|     |              |            | perm       | I            | 0.0  | 0.0  | -14.9  | -5.1   | 445.5  | -0.9  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | -13.4  | -5.1   | 449.1  | -1.0  |     |
|     |              |            |            | J            | 0.0  | 0.0  | -11.9  | -5.1   | 452.2  | -1.0  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 393 | 1            | 1 c mobili | Max        | I            | 1.0  | 3.5  | 129.4  | 93.6   | 1261.3 | 11.9  |     |
|     |              |            |            | CNT          | 1.0  | 3.5  | 129.4  | 93.6   | 1262.0 | 11.8  |     |
|     |              |            |            | J            | 1.0  | 3.5  | 129.4  | 93.6   | 1271.2 | 11.9  |     |
|     |              |            | Min        | I            | -2.8 | -3.6 | -153.9 | -107.6 | -26.3  | -12.2 |     |
|     |              |            |            | CNT          | -2.8 | -3.6 | -153.9 | -107.6 | -25.7  | -12.1 |     |
|     |              |            |            | J            | -2.8 | -3.6 | -153.9 | -107.6 | -25.1  | -12.1 |     |
|     |              |            | pp         | I            | 0.0  | 0.0  | -39.1  | -2.2   | 1547.5 | -0.6  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | -32.7  | -2.2   | 1556.5 | -0.6  |     |
|     |              |            |            | J            | 0.0  | 0.0  | -26.3  | -2.2   | 1563.9 | -0.6  |     |
|     |              |            | perm       | I            | -0.0 | 0.0  | -11.1  | -3.7   | 452.2  | -1.0  |     |
|     |              |            |            | CNT          | -0.0 | 0.0  | -9.6   | -3.7   | 454.8  | -1.0  |     |
|     |              |            |            | J            | -0.0 | 0.0  | -8.1   | -3.7   | 457.0  | -1.0  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 394 | 1            | 1 c mobili | Max        | I            | 1.0  | 3.5  | 134.2  | 94.5   | 1271.1 | 11.9  |     |
|     |              |            |            | CNT          | 1.0  | 3.5  | 134.2  | 94.5   | 1270.3 | 11.8  |     |
|     |              |            |            | J            | 1.0  | 3.5  | 134.2  | 94.5   | 1276.2 | 11.9  |     |
|     |              |            | Min        | I            | -2.8 | -3.6 | -148.9 | -101.5 | -25.1  | -12.2 |     |
|     |              |            |            | CNT          | -2.8 | -3.6 | -148.9 | -101.5 | -24.5  | -12.1 |     |
|     |              |            |            | J            | -2.8 | -3.6 | -148.9 | -101.5 | -23.9  | -12.1 |     |
|     |              |            | pp         | I            | 0.0  | 0.0  | -26.0  | -1.3   | 1563.9 | -0.6  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | -19.6  | -1.3   | 1569.6 | -0.6  |     |
|     |              |            |            | J            | 0.0  | 0.0  | -13.2  | -1.3   | 1573.7 | -0.6  |     |
|     |              |            | perm       | I            | -0.0 | 0.0  | -7.2   | -2.2   | 457.0  | -1.0  |     |
|     |              |            |            | CNT          | -0.0 | 0.0  | -5.7   | -2.2   | 458.6  | -1.0  |     |
|     |              |            |            | J            | -0.0 | 0.0  | -4.2   | -2.2   | 459.9  | -1.0  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 395 | 1            | 1 c mobili | Max        | I            | 1.0  | 3.6  | 139.1  | 95.6   | 1276.2 | 11.9  |     |
|     |              |            |            | CNT          | 1.0  | 3.6  | 139.1  | 95.6   | 1273.8 | 11.8  |     |
|     |              |            |            | J            | 1.0  | 3.6  | 139.1  | 95.6   | 1276.6 | 11.9  |     |
|     |              |            | Min        | I            | -2.8 | -3.6 | -144.0 | -97.0  | -23.9  | -12.2 |     |
|     |              |            |            | CNT          | -2.8 | -3.6 | -144.0 | -97.0  | -23.3  | -12.1 |     |
|     |              |            |            | J            | -2.8 | -3.6 | -144.0 | -97.0  | -22.7  | -12.1 |     |
|     |              |            | pp         | I            | 0.0  | 0.0  | -12.9  | -0.4   | 1573.7 | -0.6  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | -6.5   | -0.4   | 1576.1 | -0.6  |     |
|     |              |            |            | J            | 0.0  | 0.0  | -0.2   | -0.4   | 1577.0 | -0.6  |     |
|     |              |            | perm       | I            | -0.0 | 0.0  | -3.4   | -0.7   | 459.9  | -1.0  |     |
|     |              |            |            | CNT          | -0.0 | 0.0  | -1.9   | -0.7   | 460.5  | -1.0  |     |
|     |              |            |            | J            | -0.0 | 0.0  | -0.4   | -0.7   | 460.8  | -1.0  |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |        |        |       |     |
| 396 | 1            | 1 c mobili | Max        | I            | 1.0  | 3.6  | 144.0  | 97.0   | 1276.6 | 11.9  |     |
|     |              |            |            | CNT          | 1.0  | 3.6  | 144.0  | 97.0   | 1273.8 | 11.8  |     |
|     |              |            |            | J            | 1.0  | 3.6  | 144.0  | 97.0   | 1276.2 | 11.9  |     |
|     |              |            | Min        | I            | -2.8 | -3.6 | -139.1 | -95.6  | -22.7  | -12.1 |     |
|     |              |            |            | CNT          | -2.8 | -3.6 | -139.1 | -95.6  | -23.3  | -12.1 |     |
|     |              |            |            | J            | -2.8 | -3.6 | -139.1 | -95.6  | -23.9  | -12.2 |     |
|     |              |            | pp         | I            | 0.0  | -0.0 | 0.2    | 0.4    | 1577.0 | -0.6  |     |
|     |              |            |            | CNT          | 0.0  | -0.0 | 6.5    | 0.4    | 1576.1 | -0.6  |     |
|     |              |            |            | J            | 0.0  | -0.0 | 12.9   | 0.4    | 1573.7 | -0.6  |     |



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|     |   |              |            |              |      |      |        |        |        |       |
|-----|---|--------------|------------|--------------|------|------|--------|--------|--------|-------|
|     |   |              | perm       | I            | -0.0 | -0.0 | 0.4    | 0.7    | 460.8  | -1.0  |
|     |   |              |            | CNT          | -0.0 | -0.0 | 1.9    | 0.7    | 460.5  | -1.0  |
|     |   |              |            | J            | -0.0 | -0.0 | 3.4    | 0.7    | 459.9  | -1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 397 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.6  | 148.9  | 101.5  | 1276.2 | 11.9  |
|     |   |              |            | CNT          | 1.0  | 3.6  | 148.9  | 101.5  | 1270.3 | 11.8  |
|     |   |              |            | J            | 1.0  | 3.6  | 148.9  | 101.5  | 1271.1 | 11.9  |
|     |   |              | Min        | I            | -2.8 | -3.5 | -134.2 | -94.5  | -23.9  | -12.1 |
|     |   |              |            | CNT          | -2.8 | -3.5 | -134.2 | -94.5  | -24.5  | -12.1 |
|     |   |              |            | J            | -2.8 | -3.5 | -134.2 | -94.5  | -25.1  | -12.2 |
|     |   |              | pp         | I            | 0.0  | -0.0 | 13.2   | 1.3    | 1573.7 | -0.6  |
|     |   |              |            | CNT          | 0.0  | -0.0 | 19.6   | 1.3    | 1569.6 | -0.6  |
|     |   |              |            | J            | 0.0  | -0.0 | 26.0   | 1.3    | 1563.9 | -0.6  |
|     |   |              | perm       | I            | -0.0 | -0.0 | 4.2    | 2.2    | 459.9  | -1.0  |
|     |   |              |            | CNT          | -0.0 | -0.0 | 5.7    | 2.2    | 458.6  | -1.0  |
|     |   |              |            | J            | -0.0 | -0.0 | 7.2    | 2.2    | 457.0  | -1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 398 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.6  | 153.9  | 107.6  | 1271.2 | 11.9  |
|     |   |              |            | CNT          | 1.0  | 3.6  | 153.9  | 107.6  | 1262.0 | 11.8  |
|     |   |              |            | J            | 1.0  | 3.6  | 153.9  | 107.6  | 1261.3 | 11.9  |
|     |   |              | Min        | I            | -2.8 | -3.5 | -129.4 | -93.6  | -25.1  | -12.1 |
|     |   |              |            | CNT          | -2.8 | -3.5 | -129.4 | -93.6  | -25.7  | -12.1 |
|     |   |              |            | J            | -2.8 | -3.5 | -129.4 | -93.6  | -26.3  | -12.2 |
|     |   |              | pp         | I            | 0.0  | -0.0 | 26.3   | 2.2    | 1563.9 | -0.6  |
|     |   |              |            | CNT          | 0.0  | -0.0 | 32.7   | 2.2    | 1556.5 | -0.6  |
|     |   |              |            | J            | 0.0  | -0.0 | 39.1   | 2.2    | 1547.5 | -0.6  |
|     |   |              | perm       | I            | -0.0 | -0.0 | 8.1    | 3.7    | 457.0  | -1.0  |
|     |   |              |            | CNT          | -0.0 | -0.0 | 9.6    | 3.7    | 454.8  | -1.0  |
|     |   |              |            | J            | -0.0 | -0.0 | 11.1   | 3.7    | 452.2  | -1.0  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 399 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.6  | 159.0  | 114.0  | 1261.4 | 11.9  |
|     |   |              |            | CNT          | 1.0  | 3.6  | 159.0  | 114.0  | 1249.0 | 11.8  |
|     |   |              |            | J            | 1.0  | 3.6  | 159.0  | 114.0  | 1246.8 | 11.9  |
|     |   |              | Min        | I            | -2.8 | -3.5 | -124.6 | -95.8  | -26.3  | -12.0 |
|     |   |              |            | CNT          | -2.8 | -3.5 | -124.6 | -95.8  | -26.9  | -12.1 |
|     |   |              |            | J            | -2.8 | -3.5 | -124.6 | -95.8  | -27.6  | -12.2 |
|     |   |              | pp         | I            | 0.0  | -0.0 | 39.4   | 3.0    | 1547.5 | -0.6  |
|     |   |              |            | CNT          | 0.0  | -0.0 | 45.8   | 3.0    | 1536.9 | -0.6  |
|     |   |              |            | J            | 0.0  | -0.0 | 52.1   | 3.0    | 1524.6 | -0.6  |
|     |   |              | perm       | I            | 0.0  | -0.0 | 11.9   | 5.1    | 452.2  | -1.0  |
|     |   |              |            | CNT          | 0.0  | -0.0 | 13.4   | 5.1    | 449.1  | -1.0  |
|     |   |              |            | J            | 0.0  | -0.0 | 14.9   | 5.1    | 445.5  | -0.9  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 400 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.6  | 164.2  | 120.6  | 1246.9 | 11.9  |
|     |   |              |            | CNT          | 1.0  | 3.6  | 164.2  | 120.6  | 1231.3 | 11.8  |
|     |   |              |            | J            | 1.0  | 3.6  | 164.2  | 120.6  | 1227.5 | 11.9  |
|     |   |              | Min        | I            | -2.8 | -3.5 | -119.9 | -98.8  | -27.6  | -12.0 |
|     |   |              |            | CNT          | -2.8 | -3.5 | -119.9 | -98.8  | -28.2  | -12.0 |
|     |   |              |            | J            | -2.8 | -3.5 | -119.9 | -98.8  | -28.9  | -12.1 |
|     |   |              | pp         | I            | 0.0  | -0.0 | 52.5   | 3.9    | 1524.6 | -0.6  |
|     |   |              |            | CNT          | 0.0  | -0.0 | 58.8   | 3.9    | 1510.7 | -0.6  |
|     |   |              |            | J            | 0.0  | -0.0 | 65.2   | 3.9    | 1495.2 | -0.5  |
|     |   |              | perm       | I            | 0.0  | -0.1 | 15.7   | 6.6    | 445.5  | -1.0  |
|     |   |              |            | CNT          | 0.0  | -0.1 | 17.2   | 6.6    | 441.4  | -0.9  |
|     |   |              |            | J            | 0.0  | -0.1 | 18.7   | 6.6    | 436.9  | -0.9  |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0   |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |       |
| 401 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.6  | 169.5  | 127.7  | 1227.6 | 12.0  |
|     |   |              |            | CNT          | 1.0  | 3.6  | 169.5  | 127.7  | 1208.8 | 11.9  |
|     |   |              |            | J            | 1.0  | 3.6  | 169.5  | 127.7  | 1203.4 | 12.0  |
|     |   |              | Min        | I            | -2.8 | -3.4 | -115.1 | -102.2 | -28.9  | -11.9 |
|     |   |              |            | CNT          | -2.8 | -3.4 | -115.1 | -102.2 | -29.5  | -12.0 |

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|     |   |              |            |              |      |        |        |        |        |       |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|--------|-------|
|     |   |              | J          | -2.8         | -3.4 | -115.1 | -102.2 | -30.2  | -12.0  |       |
|     |   | PP           | I          | 0.0          | -0.0 | 65.6   | 4.7    | 1495.2 | -0.6   |       |
|     |   |              | CNT        | 0.0          | -0.0 | 71.9   | 4.7    | 1478.0 | -0.5   |       |
|     |   |              | J          | 0.0          | -0.0 | 78.3   | 4.7    | 1459.2 | -0.5   |       |
|     |   | perm         | I          | 0.0          | -0.1 | 19.5   | 8.0    | 436.9  | -1.0   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 21.0   | 8.0    | 431.8  | -0.9   |       |
|     |   |              | J          | 0.0          | -0.1 | 22.5   | 8.0    | 426.4  | -0.9   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 402 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.7    | 174.9  | 135.2  | 1203.6 | 12.0  |
|     |   |              |            | CNT          | 1.0  | 3.7    | 174.9  | 135.2  | 1181.4 | 11.9  |
|     |   |              |            | J            | 1.0  | 3.7    | 174.9  | 135.2  | 1174.4 | 12.0  |
|     |   |              | Min        | I            | -2.7 | -3.4   | -110.3 | -105.9 | -30.2  | -11.8 |
|     |   |              |            | CNT          | -2.7 | -3.4   | -110.3 | -105.9 | -30.9  | -11.9 |
|     |   |              |            | J            | -2.7 | -3.4   | -110.3 | -105.9 | -31.6  | -11.9 |
|     |   | PP           | I          | 0.0          | -0.1 | 78.6   | 5.6    | 1459.2 | -0.5   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 85.0   | 5.6    | 1438.7 | -0.5   |       |
|     |   |              | J          | 0.0          | -0.1 | 91.4   | 5.6    | 1416.7 | -0.5   |       |
|     |   | perm         | I          | 0.0          | -0.1 | 23.4   | 9.5    | 426.4  | -0.9   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 24.9   | 9.5    | 420.3  | -0.9   |       |
|     |   |              | J          | 0.0          | -0.1 | 26.4   | 9.5    | 413.9  | -0.9   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 403 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.7    | 180.4  | 142.6  | 1174.6 | 12.0  |
|     |   |              |            | CNT          | 1.0  | 3.7    | 180.4  | 142.6  | 1149.0 | 11.9  |
|     |   |              |            | J            | 1.0  | 3.7    | 180.4  | 142.6  | 1140.4 | 12.0  |
|     |   |              | Min        | I            | -2.7 | -3.3   | -105.6 | -110.2 | -31.6  | -11.7 |
|     |   |              |            | CNT          | -2.7 | -3.3   | -105.6 | -110.2 | -32.3  | -11.7 |
|     |   |              |            | J            | -2.7 | -3.3   | -105.6 | -110.2 | -33.0  | -11.8 |
|     |   | PP           | I          | 0.0          | -0.1 | 91.7   | 6.4    | 1416.7 | -0.5   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 98.1   | 6.4    | 1393.0 | -0.5   |       |
|     |   |              | J          | 0.0          | -0.1 | 104.4  | 6.4    | 1367.6 | -0.5   |       |
|     |   | perm         | I          | 0.0          | -0.1 | 27.2   | 10.9   | 413.9  | -0.9   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 28.7   | 10.9   | 406.9  | -0.9   |       |
|     |   |              | J          | 0.0          | -0.1 | 30.2   | 10.9   | 399.6  | -0.9   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 404 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.7    | 186.1  | 149.9  | 1140.6 | 12.0  |
|     |   |              |            | CNT          | 1.0  | 3.7    | 186.1  | 149.9  | 1111.6 | 11.9  |
|     |   |              |            | J            | 1.0  | 3.7    | 186.1  | 149.9  | 1101.3 | 12.0  |
|     |   |              | Min        | I            | -2.7 | -3.3   | -100.9 | -115.7 | -33.0  | -11.5 |
|     |   |              |            | CNT          | -2.7 | -3.3   | -100.9 | -115.7 | -33.7  | -11.5 |
|     |   |              |            | J            | -2.7 | -3.3   | -100.9 | -115.7 | -34.4  | -11.6 |
|     |   | PP           | I          | 0.0          | -0.1 | 104.8  | 7.2    | 1367.6 | -0.5   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 111.1  | 7.2    | 1340.6 | -0.5   |       |
|     |   |              | J          | 0.0          | -0.1 | 117.5  | 7.2    | 1312.0 | -0.5   |       |
|     |   | perm         | I          | 0.0          | -0.1 | 31.0   | 12.3   | 399.6  | -0.9   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 32.5   | 12.3   | 391.6  | -0.9   |       |
|     |   |              | J          | 0.0          | -0.1 | 34.0   | 12.3   | 383.3  | -0.9   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |
| 405 | 1 | 1 c mobili   | Max        | I            | 1.0  | 3.7    | 192.0  | 156.8  | 1101.5 | 12.0  |
|     |   |              |            | CNT          | 1.0  | 3.7    | 192.0  | 156.8  | 1068.9 | 11.9  |
|     |   |              |            | J            | 1.0  | 3.7    | 192.0  | 156.8  | 1057.0 | 11.9  |
|     |   |              | Min        | I            | -2.6 | -3.2   | -96.0  | -121.6 | -34.4  | -11.3 |
|     |   |              |            | CNT          | -2.6 | -3.2   | -96.0  | -121.6 | -35.2  | -11.3 |
|     |   |              |            | J            | -2.6 | -3.2   | -96.0  | -121.6 | -36.0  | -11.3 |
|     |   | PP           | I          | 0.0          | -0.1 | 117.8  | 8.0    | 1312.0 | -0.5   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 124.2  | 8.0    | 1281.8 | -0.5   |       |
|     |   |              | J          | 0.0          | -0.1 | 130.6  | 8.0    | 1249.9 | -0.5   |       |
|     |   | perm         | I          | 0.0          | -0.1 | 34.8   | 13.7   | 383.3  | -0.9   |       |
|     |   |              | CNT        | 0.0          | -0.1 | 36.3   | 13.7   | 374.4  | -0.9   |       |
|     |   |              | J          | 0.0          | -0.1 | 37.8   | 13.7   | 365.1  | -0.8   |       |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |       |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |       |

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|              |     |            |              |     |            |              |       |       |        |       |       |        |      |
|--------------|-----|------------|--------------|-----|------------|--------------|-------|-------|--------|-------|-------|--------|------|
| 406          | 1   | 1 c mobili | Max          | I   | 1.0        | 3.8          | 198.0 | 163.2 | 1057.2 | 12.0  |       |        |      |
|              |     |            |              | CNT | 1.0        | 3.8          | 198.0 | 163.2 | 1021.0 | 11.8  |       |        |      |
|              |     |            |              | J   | 1.0        | 3.8          | 198.0 | 163.2 | 1007.3 | 11.9  |       |        |      |
|              |     |            |              | Min | I          | -2.6         | -3.2  | -90.9 | -127.7 | -36.0 | -11.0 |        |      |
|              |     |            |              |     | CNT        | -2.6         | -3.2  | -90.9 | -127.7 | -36.8 | -11.0 |        |      |
|              |     |            |              |     | J          | -2.6         | -3.2  | -90.9 | -127.7 | -37.6 | -11.0 |        |      |
|              |     |            | pp           | I   | 0.0        | -0.1         | 130.9 | 8.7   | 1249.9 | -0.5  |       |        |      |
|              |     |            |              | CNT | 0.0        | -0.1         | 137.3 | 8.7   | 1216.4 | -0.4  |       |        |      |
|              |     |            |              | J   | 0.0        | -0.1         | 143.7 | 8.7   | 1181.2 | -0.4  |       |        |      |
|              |     |            | perm         | I   | 0.0        | -0.1         | 38.6  | 15.0  | 365.1  | -0.9  |       |        |      |
|              |     |            |              | CNT | 0.0        | -0.1         | 40.1  | 15.0  | 355.2  | -0.8  |       |        |      |
|              |     |            |              | J   | 0.0        | -0.1         | 41.6  | 15.0  | 345.0  | -0.8  |       |        |      |
|              |     |            | acc          | I   | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            |              | CNT | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            |              | J   | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            | Length = 0.5 |     | Type: Beam | Section: cap |       |       |        |       |       |        |      |
|              |     |            | 407          | 1   | 1 c mobili | Max          | I     | 1.0   | 3.8    | 204.3 | 169.1 | 1007.5 | 11.9 |
|              |     |            |              |     |            |              | CNT   | 1.0   | 3.8    | 204.3 | 169.1 | 967.4  | 11.7 |
| J            | 1.0 | 3.8        |              |     |            |              | 204.3 | 169.1 | 952.0  | 11.7  |       |        |      |
| Min          | I   | -2.6       |              |     |            |              | -3.1  | -85.5 | -134.0 | -37.6 | -10.7 |        |      |
|              | CNT | -2.6       |              |     |            |              | -3.1  | -85.5 | -134.0 | -38.4 | -10.7 |        |      |
|              | J   | -2.6       |              |     |            |              | -3.1  | -85.5 | -134.0 | -39.2 | -10.7 |        |      |
| pp           | I   | 0.0        |              |     |            | -0.1         | 144.0 | 9.4   | 1181.2 | -0.4  |       |        |      |
|              | CNT | 0.0        |              |     |            | -0.1         | 150.3 | 9.4   | 1144.4 | -0.4  |       |        |      |
|              | J   | 0.0        |              |     |            | -0.1         | 156.7 | 9.4   | 1106.0 | -0.4  |       |        |      |
| perm         | I   | 0.0        |              |     |            | -0.2         | 42.5  | 16.3  | 345.0  | -0.8  |       |        |      |
|              | CNT | 0.0        |              |     |            | -0.2         | 44.0  | 16.3  | 334.2  | -0.8  |       |        |      |
|              | J   | 0.0        |              |     |            | -0.2         | 45.5  | 16.3  | 323.0  | -0.7  |       |        |      |
| acc          | I   | 0.0        |              |     |            | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              | CNT | 0.0        |              |     |            | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              | J   | 0.0        |              |     |            | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
| Length = 0.5 |     | Type: Beam |              |     |            | Section: cap |       |       |        |       |       |        |      |
| 408          | 1   | 1 c mobili |              |     |            | Max          | I     | 1.0   | 3.8    | 210.9 | 174.4 | 952.2  | 11.8 |
|              |     |            |              |     |            |              | CNT   | 1.0   | 3.8    | 210.9 | 174.4 | 908.2  | 11.6 |
|              |     |            | J            | 1.0 | 3.8        |              | 210.9 | 174.4 | 891.0  | 11.5  |       |        |      |
|              |     |            | Min          | I   | -2.5       |              | -3.0  | -79.9 | -140.4 | -39.2 | -10.3 |        |      |
|              |     |            |              | CNT | -2.5       |              | -3.0  | -79.9 | -140.4 | -40.1 | -10.3 |        |      |
|              |     |            |              | J   | -2.5       |              | -3.0  | -79.9 | -140.4 | -41.0 | -10.3 |        |      |
|              |     |            | pp           | I   | 0.0        | -0.1         | 157.0 | 10.1  | 1106.0 | -0.4  |       |        |      |
|              |     |            |              | CNT | 0.0        | -0.1         | 163.4 | 10.1  | 1066.0 | -0.4  |       |        |      |
|              |     |            |              | J   | 0.0        | -0.1         | 169.7 | 10.1  | 1024.3 | -0.3  |       |        |      |
|              |     |            | perm         | I   | 0.0        | -0.2         | 46.3  | 17.6  | 323.0  | -0.8  |       |        |      |
|              |     |            |              | CNT | 0.0        | -0.2         | 47.8  | 17.6  | 311.2  | -0.7  |       |        |      |
|              |     |            |              | J   | 0.0        | -0.2         | 49.3  | 17.6  | 299.1  | -0.7  |       |        |      |
|              |     |            | acc          | I   | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            |              | CNT | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            |              | J   | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            | Length = 0.5 |     | Type: Beam | Section: cap |       |       |        |       |       |        |      |
|              |     |            | 409          | 1   | 1 c mobili | Max          | I     | 1.0   | 3.9    | 217.7 | 179.0 | 891.2  | 11.6 |
|              |     |            |              |     |            |              | CNT   | 1.0   | 3.9    | 217.7 | 179.0 | 842.9  | 11.3 |
| J            | 1.0 | 3.9        |              |     |            |              | 217.7 | 179.0 | 823.8  | 11.3  |       |        |      |
| Min          | I   | -2.5       |              |     |            |              | -2.8  | -73.9 | -146.9 | -41.0 | -9.9  |        |      |
|              | CNT | -2.5       |              |     |            |              | -2.8  | -73.9 | -146.9 | -41.9 | -9.8  |        |      |
|              | J   | -2.5       |              |     |            |              | -2.8  | -73.9 | -146.9 | -42.8 | -9.8  |        |      |
| pp           | I   | 0.0        |              |     |            | -0.1         | 170.0 | 10.7  | 1024.3 | -0.4  |       |        |      |
|              | CNT | 0.0        |              |     |            | -0.1         | 176.4 | 10.7  | 981.0  | -0.3  |       |        |      |
|              | J   | 0.0        |              |     |            | -0.1         | 182.8 | 10.7  | 936.1  | -0.3  |       |        |      |
| perm         | I   | 0.0        |              |     |            | -0.2         | 50.1  | 18.8  | 299.0  | -0.7  |       |        |      |
|              | CNT | 0.0        |              |     |            | -0.2         | 51.6  | 18.8  | 286.3  | -0.7  |       |        |      |
|              | J   | 0.0        |              |     |            | -0.2         | 53.1  | 18.8  | 273.3  | -0.6  |       |        |      |
| acc          | I   | 0.0        |              |     |            | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              | CNT | 0.0        |              |     |            | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              | J   | 0.0        |              |     |            | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
| Length = 0.5 |     | Type: Beam |              |     |            | Section: cap |       |       |        |       |       |        |      |
| 410          | 1   | 1 c mobili |              |     |            | Max          | I     | 1.0   | 3.9    | 225.0 | 183.1 | 824.0  | 11.3 |
|              |     |            |              |     |            |              | CNT   | 1.0   | 3.9    | 225.0 | 183.1 | 771.4  | 11.0 |
|              |     |            | J            | 1.0 | 3.9        |              | 225.0 | 183.1 | 750.2  | 10.9  |       |        |      |
|              |     |            | Min          | I   | -2.5       |              | -2.7  | -67.5 | -153.5 | -42.8 | -9.3  |        |      |
|              |     |            |              | CNT | -2.5       |              | -2.7  | -67.5 | -153.5 | -43.8 | -9.3  |        |      |
|              |     |            |              | J   | -2.5       |              | -2.7  | -67.5 | -153.5 | -44.7 | -9.2  |        |      |
|              |     |            | pp           | I   | 0.0        | -0.1         | 183.0 | 11.2  | 936.0  | -0.3  |       |        |      |
|              |     |            |              | CNT | 0.0        | -0.1         | 189.4 | 11.2  | 889.5  | -0.3  |       |        |      |
|              |     |            |              | J   | 0.0        | -0.1         | 195.7 | 11.2  | 841.4  | -0.2  |       |        |      |
|              |     |            | perm         | I   | 0.0        | -0.2         | 53.8  | 19.9  | 273.2  | -0.6  |       |        |      |
|              |     |            |              | CNT | 0.0        | -0.2         | 55.3  | 19.9  | 259.6  | -0.6  |       |        |      |
|              |     |            |              | J   | 0.0        | -0.2         | 56.8  | 19.9  | 245.6  | -0.5  |       |        |      |
|              |     |            | acc          | I   | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            |              | CNT | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |
|              |     |            |              | J   | 0.0        | 0.0          | 0.0   | 0.0   | 0.0    | 0.0   |       |        |      |

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|     |              |            |              |      |      |       |        |       |      |
|-----|--------------|------------|--------------|------|------|-------|--------|-------|------|
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 411 | 1            | 1 c mobili | Max I        | 1.0  | 4.0  | 232.6 | 186.6  | 750.4 | 10.8 |
|     |              |            | CNT          | 1.0  | 4.0  | 232.6 | 186.6  | 694.0 | 10.5 |
|     |              |            | J            | 1.0  | 4.0  | 232.6 | 186.6  | 669.9 | 10.3 |
|     |              | Min        | I            | -2.4 | -2.5 | -60.6 | -160.0 | -44.7 | -8.7 |
|     |              |            | CNT          | -2.4 | -2.5 | -60.6 | -160.0 | -45.8 | -8.6 |
|     |              |            | J            | -2.4 | -2.5 | -60.6 | -160.0 | -46.8 | -8.5 |
|     |              | pp         | I            | 0.0  | -0.1 | 195.9 | 11.7   | 841.3 | -0.2 |
|     |              |            | CNT          | 0.0  | -0.1 | 202.3 | 11.7   | 791.5 | -0.2 |
|     |              |            | J            | 0.0  | -0.1 | 208.7 | 11.7   | 740.2 | -0.2 |
|     |              | perm       | I            | 0.0  | -0.2 | 57.6  | 20.9   | 245.5 | -0.6 |
|     |              |            | CNT          | 0.0  | -0.2 | 59.1  | 20.9   | 230.9 | -0.5 |
|     |              |            | J            | 0.0  | -0.2 | 60.6  | 20.9   | 216.0 | -0.4 |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 412 | 1            | 1 c mobili | Max I        | 1.0  | 4.0  | 240.8 | 189.6  | 670.1 | 10.2 |
|     |              |            | CNT          | 1.0  | 4.0  | 240.8 | 189.6  | 610.3 | 9.8  |
|     |              |            | J            | 1.0  | 4.0  | 240.8 | 189.6  | 582.3 | 9.5  |
|     |              | Min        | I            | -2.4 | -2.3 | -53.0 | -166.0 | -46.8 | -7.9 |
|     |              |            | CNT          | -2.4 | -2.3 | -53.0 | -166.0 | -47.9 | -7.8 |
|     |              |            | J            | -2.4 | -2.3 | -53.0 | -166.0 | -49.0 | -7.7 |
|     |              | pp         | I            | -0.0 | -0.1 | 208.8 | 12.0   | 740.1 | -0.2 |
|     |              |            | CNT          | -0.0 | -0.1 | 215.1 | 12.0   | 687.1 | -0.1 |
|     |              |            | J            | -0.0 | -0.1 | 221.5 | 12.0   | 632.5 | -0.1 |
|     |              | perm       | I            | 0.0  | -0.2 | 61.2  | 21.8   | 215.9 | -0.5 |
|     |              |            | CNT          | 0.0  | -0.2 | 62.7  | 21.8   | 200.4 | -0.4 |
|     |              |            | J            | 0.0  | -0.2 | 64.2  | 21.8   | 184.6 | -0.3 |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 413 | 1            | 1 c mobili | Max I        | 0.9  | 4.1  | 249.7 | 192.2  | 582.5 | 9.4  |
|     |              |            | CNT          | 0.9  | 4.1  | 249.7 | 192.2  | 520.4 | 8.9  |
|     |              |            | J            | 0.9  | 4.1  | 249.7 | 192.2  | 486.8 | 8.5  |
|     |              | Min        | I            | -2.3 | -2.1 | -44.4 | -171.1 | -49.0 | -7.0 |
|     |              |            | CNT          | -2.3 | -2.1 | -44.4 | -171.1 | -50.2 | -6.9 |
|     |              |            | J            | -2.3 | -2.1 | -44.4 | -171.1 | -51.4 | -6.8 |
|     |              | pp         | I            | -0.0 | -0.1 | 221.5 | 12.3   | 632.5 | -0.1 |
|     |              |            | CNT          | -0.0 | -0.1 | 227.8 | 12.3   | 576.3 | -0.0 |
|     |              |            | J            | -0.0 | -0.1 | 234.2 | 12.3   | 518.6 | -0.0 |
|     |              | perm       | I            | -0.0 | -0.2 | 64.8  | 22.5   | 184.5 | -0.3 |
|     |              |            | CNT          | -0.0 | -0.2 | 66.3  | 22.5   | 168.1 | -0.3 |
|     |              |            | J            | -0.0 | -0.2 | 67.8  | 22.5   | 151.4 | -0.2 |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 414 | 1            | 1 c mobili | Max I        | 0.9  | 4.2  | 259.4 | 194.8  | 487.0 | 8.3  |
|     |              |            | CNT          | 0.9  | 4.2  | 259.4 | 194.8  | 422.4 | 7.8  |
|     |              |            | J            | 0.9  | 4.2  | 259.4 | 194.8  | 382.6 | 7.3  |
|     |              | Min        | I            | -2.2 | -1.9 | -34.0 | -174.5 | -51.4 | -6.0 |
|     |              |            | CNT          | -2.2 | -1.9 | -34.0 | -174.5 | -52.7 | -5.9 |
|     |              |            | J            | -2.2 | -1.9 | -34.0 | -174.5 | -54.0 | -5.7 |
|     |              | pp         | I            | -0.1 | -0.1 | 234.0 | 12.3   | 518.5 | 0.0  |
|     |              |            | CNT          | -0.1 | -0.1 | 240.4 | 12.3   | 459.2 | 0.0  |
|     |              |            | J            | -0.1 | -0.1 | 246.8 | 12.3   | 398.3 | 0.0  |
|     |              | perm       | I            | -0.0 | -0.2 | 68.3  | 22.9   | 151.3 | -0.2 |
|     |              |            | CNT          | -0.0 | -0.2 | 69.8  | 22.9   | 134.0 | -0.1 |
|     |              |            | J            | -0.0 | -0.2 | 71.3  | 22.9   | 116.4 | -0.1 |
|     |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|     | Length = 0.5 | Type: Beam | Section: cap |      |      |       |        |       |      |
| 415 | 1            | 1 c mobili | Max I        | 0.8  | 4.2  | 270.5 | 197.4  | 382.8 | 6.9  |
|     |              |            | CNT          | 0.8  | 4.2  | 270.5 | 197.4  | 315.4 | 6.3  |
|     |              |            | J            | 0.8  | 4.2  | 270.5 | 197.4  | 268.5 | 5.7  |
|     |              | Min        | I            | -2.1 | -1.6 | -23.6 | -175.3 | -54.0 | -5.0 |
|     |              |            | CNT          | -2.1 | -1.6 | -23.6 | -175.3 | -55.4 | -4.8 |
|     |              |            | J            | -2.1 | -1.6 | -23.6 | -175.3 | -56.8 | -4.7 |
|     |              | pp         | I            | -0.1 | -0.0 | 246.3 | 12.1   | 398.3 | 0.1  |
|     |              |            | CNT          | -0.1 | -0.0 | 252.7 | 12.1   | 335.9 | 0.1  |
|     |              |            | J            | -0.1 | -0.0 | 259.0 | 12.1   | 271.9 | 0.1  |

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|     |   |              |            |                       |      |      |        |        |       |      |
|-----|---|--------------|------------|-----------------------|------|------|--------|--------|-------|------|
|     |   |              | perm       | I                     | -0.1 | -0.2 | 71.5   | 23.0   | 116.4 | -0.1 |
|     |   |              |            | CNT                   | -0.1 | -0.2 | 73.0   | 23.0   | 98.3  | -0.0 |
|     |   |              |            | J                     | -0.1 | -0.2 | 74.5   | 23.0   | 79.9  | 0.0  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 416 | 1 | 1 c mobili   | Max        | I                     | 0.8  | 4.2  | 283.9  | 193.7  | 268.7 | 5.3  |
|     |   |              |            | CNT                   | 0.8  | 4.2  | 283.9  | 193.7  | 197.9 | 4.4  |
|     |   |              |            | J                     | 0.8  | 4.2  | 283.9  | 193.7  | 142.1 | 3.8  |
|     |   |              | Min        | I                     | -1.8 | -1.5 | -16.0  | -171.7 | -56.8 | -3.8 |
|     |   |              |            | CNT                   | -1.8 | -1.5 | -16.0  | -171.7 | -58.3 | -3.7 |
|     |   |              |            | J                     | -1.8 | -1.5 | -16.0  | -171.7 | -59.8 | -3.6 |
|     |   |              | pp         | I                     | -0.2 | 0.0  | 258.2  | 11.6   | 271.9 | 0.2  |
|     |   |              |            | CNT                   | -0.2 | 0.0  | 264.6  | 11.6   | 206.5 | 0.1  |
|     |   |              |            | J                     | -0.2 | 0.0  | 270.9  | 11.6   | 139.6 | 0.1  |
|     |   |              | perm       | I                     | -0.1 | -0.2 | 74.4   | 22.6   | 79.8  | 0.1  |
|     |   |              |            | CNT                   | -0.1 | -0.2 | 75.9   | 22.6   | 61.0  | 0.1  |
|     |   |              |            | J                     | -0.1 | -0.2 | 77.4   | 22.6   | 41.9  | 0.2  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 417 | 1 | 1 c mobili   | Max        | I                     | 0.8  | 4.1  | 301.9  | 190.6  | 142.2 | 3.5  |
|     |   |              |            | CNT                   | 0.8  | 4.1  | 301.9  | 190.6  | 67.4  | 2.6  |
|     |   |              |            | J                     | 0.8  | 4.1  | 301.9  | 190.6  | 28.3  | 1.7  |
|     |   |              | Min        | I                     | -1.4 | -1.3 | -5.9   | -161.6 | -59.8 | -2.9 |
|     |   |              |            | CNT                   | -1.4 | -1.3 | -5.9   | -161.6 | -61.6 | -2.9 |
|     |   |              |            | J                     | -1.4 | -1.3 | -5.9   | -161.6 | -73.7 | -3.0 |
|     |   |              | pp         | I                     | -0.2 | 0.1  | 269.5  | 10.5   | 139.5 | 0.2  |
|     |   |              |            | CNT                   | -0.2 | 0.1  | 275.9  | 10.5   | 71.3  | 0.2  |
|     |   |              |            | J                     | -0.2 | 0.1  | 282.3  | 10.5   | 1.6   | 0.1  |
|     |   |              | perm       | I                     | -0.1 | -0.1 | 76.8   | 21.3   | 41.8  | 0.2  |
|     |   |              |            | CNT                   | -0.1 | -0.1 | 78.3   | 21.3   | 22.4  | 0.2  |
|     |   |              |            | J                     | -0.1 | -0.1 | 79.8   | 21.3   | 2.6   | 0.2  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 418 | 1 | 1 c mobili   | Max        | I                     | 0.6  | 3.8  | 45.7   | 179.3  | 28.0  | 1.6  |
|     |   |              |            | CNT                   | 0.6  | 3.8  | 45.7   | 179.3  | 16.5  | 1.1  |
|     |   |              |            | J                     | 0.6  | 3.8  | 45.7   | 179.3  | 5.7   | 1.1  |
|     |   |              | Min        | I                     | -1.0 | -1.1 | -143.7 | -148.9 | -73.6 | -2.2 |
|     |   |              |            | CNT                   | -1.0 | -1.1 | -143.7 | -148.9 | -37.7 | -2.2 |
|     |   |              |            | J                     | -1.0 | -1.1 | -143.7 | -148.9 | -7.7  | -2.4 |
|     |   |              | pp         | I                     | -0.2 | 0.1  | -4.9   | 8.6    | 1.5   | 0.1  |
|     |   |              |            | CNT                   | -0.2 | 0.1  | 1.5    | 8.6    | 1.9   | 0.1  |
|     |   |              |            | J                     | -0.2 | 0.1  | 7.9    | 8.6    | 0.8   | 0.1  |
|     |   |              | perm       | I                     | -0.1 | -0.1 | 2.2    | 18.6   | 2.6   | 0.2  |
|     |   |              |            | CNT                   | -0.1 | -0.1 | 3.7    | 18.6   | 1.9   | 0.2  |
|     |   |              |            | J                     | -0.1 | -0.1 | 5.2    | 18.6   | 0.8   | 0.2  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 419 | 2 | 4 c mobili   | Max        | I                     | 1.7  | 0.7  | 84.3   | 18.6   | 20.0  | 0.7  |
|     |   |              |            | CNT                   | 1.7  | 0.7  | 84.3   | 18.6   | 29.0  | 0.7  |
|     |   |              |            | J                     | 1.7  | 0.7  | 84.3   | 18.6   | 45.6  | 0.7  |
|     |   |              | Min        | I                     | -0.6 | -0.7 | -87.2  | -15.0  | -41.6 | -0.7 |
|     |   |              |            | CNT                   | -0.6 | -0.7 | -87.2  | -15.0  | -52.0 | -0.7 |
|     |   |              |            | J                     | -0.6 | -0.7 | -87.2  | -15.0  | -74.1 | -0.8 |
|     |   |              | pp         | I                     | 0.2  | -0.1 | 13.6   | 1.7    | -2.5  | 0.1  |
|     |   |              |            | CNT                   | 0.2  | -0.1 | 13.6   | 1.7    | -6.6  | 0.1  |
|     |   |              |            | J                     | 0.2  | -0.1 | 13.6   | 1.7    | -10.6 | 0.1  |
|     |   |              | perm       | I                     | 0.1  | -0.1 | 16.5   | 2.5    | 1.0   | -0.0 |
|     |   |              |            | CNT                   | 0.1  | -0.1 | 16.5   | 2.5    | -3.9  | 0.0  |
|     |   |              |            | J                     | 0.1  | -0.1 | 16.5   | 2.5    | -8.9  | 0.1  |
|     |   |              | acc        | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: traverso cap |      |      |        |        |       |      |
| 420 | 2 | 3 c mobili   | Max        | I                     | 0.2  | 0.2  | 7.2    | 1.1    | 2.2   | 0.2  |
|     |   |              |            | CNT                   | 0.2  | 0.2  | 7.2    | 1.1    | 0.2   | 0.2  |
|     |   |              |            | J                     | 0.2  | 0.2  | 7.2    | 1.1    | 2.6   | 0.3  |
|     |   |              | Min        | I                     | -0.8 | -0.2 | -9.7   | -0.9   | -3.4  | -0.2 |
|     |   |              |            | CNT                   | -0.8 | -0.2 | -9.7   | -0.9   | -0.6  | -0.3 |
|     |   |              |            | J                     | -0.8 | -0.2 | -9.7   | -0.9   | -2.2  | -0.3 |

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|     |   |            |      |            |      |      |                  |      |      |      |
|-----|---|------------|------|------------|------|------|------------------|------|------|------|
|     |   |            | pp   | I          | 0.0  | -0.0 | 2.1              | 0.1  | 0.5  | 0.0  |
|     |   |            |      | CNT        | 0.0  | -0.0 | 2.1              | 0.1  | -0.1 | 0.0  |
|     |   |            |      | J          | 0.0  | -0.0 | 2.1              | 0.1  | -0.7 | 0.0  |
|     |   |            | perm | I          | 0.0  | -0.0 | 2.0              | 0.2  | 0.6  | 0.0  |
|     |   |            |      | CNT        | 0.0  | -0.0 | 2.0              | 0.2  | -0.0 | 0.0  |
|     |   |            |      | J          | 0.0  | -0.0 | 2.0              | 0.2  | -0.6 | 0.0  |
|     |   |            | acc  | I          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | J          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 |      | Type: Beam |      |      | Section: soletta |      |      |      |
| 421 | 2 | 3 c mobili | Max  | I          | 0.3  | 0.3  | 4.2              | 1.1  | 1.4  | 0.2  |
|     |   |            |      | CNT        | 0.3  | 0.3  | 4.2              | 1.1  | 0.5  | 0.2  |
|     |   |            |      | J          | 0.3  | 0.3  | 4.2              | 1.1  | 1.4  | 0.3  |
|     |   |            | Min  | I          | -0.9 | -0.4 | -5.9             | -0.9 | -2.4 | -0.2 |
|     |   |            |      | CNT        | -0.9 | -0.4 | -5.9             | -0.9 | -0.9 | -0.3 |
|     |   |            |      | J          | -0.9 | -0.4 | -5.9             | -0.9 | -1.2 | -0.3 |
|     |   |            | pp   | I          | -0.0 | 0.0  | 1.3              | 0.1  | 0.2  | 0.0  |
|     |   |            |      | CNT        | -0.0 | 0.0  | 1.3              | 0.1  | -0.1 | 0.0  |
|     |   |            |      | J          | -0.0 | 0.0  | 1.3              | 0.1  | -0.5 | 0.0  |
|     |   |            | perm | I          | 0.0  | 0.0  | 0.9              | 0.2  | 0.2  | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.0  | 0.9              | 0.2  | -0.0 | 0.0  |
|     |   |            |      | J          | 0.0  | 0.0  | 0.9              | 0.2  | -0.3 | -0.0 |
|     |   |            | acc  | I          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | J          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 |      | Type: Beam |      |      | Section: soletta |      |      |      |
| 422 | 2 | 3 c mobili | Max  | I          | 0.3  | 0.4  | 2.7              | 1.1  | 1.2  | 0.2  |
|     |   |            |      | CNT        | 0.3  | 0.4  | 2.7              | 1.1  | 0.8  | 0.2  |
|     |   |            |      | J          | 0.3  | 0.4  | 2.7              | 1.1  | 1.2  | 0.3  |
|     |   |            | Min  | I          | -1.0 | -0.4 | -3.4             | -0.9 | -1.9 | -0.2 |
|     |   |            |      | CNT        | -1.0 | -0.4 | -3.4             | -0.9 | -1.3 | -0.3 |
|     |   |            |      | J          | -1.0 | -0.4 | -3.4             | -0.9 | -1.3 | -0.4 |
|     |   |            | pp   | I          | -0.0 | 0.0  | 0.8              | 0.1  | 0.0  | 0.0  |
|     |   |            |      | CNT        | -0.0 | 0.0  | 0.8              | 0.1  | -0.2 | 0.0  |
|     |   |            |      | J          | -0.0 | 0.0  | 0.8              | 0.1  | -0.4 | 0.0  |
|     |   |            | perm | I          | 0.0  | 0.1  | 0.2              | 0.2  | 0.0  | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.1  | 0.2              | 0.2  | -0.0 | 0.0  |
|     |   |            |      | J          | 0.0  | 0.1  | 0.2              | 0.2  | -0.1 | -0.0 |
|     |   |            | acc  | I          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | J          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 |      | Type: Beam |      |      | Section: soletta |      |      |      |
| 423 | 2 | 3 c mobili | Max  | I          | 0.3  | 0.4  | 2.4              | 1.1  | 1.2  | 0.1  |
|     |   |            |      | CNT        | 0.3  | 0.4  | 2.4              | 1.1  | 1.2  | 0.2  |
|     |   |            |      | J          | 0.3  | 0.4  | 2.4              | 1.1  | 1.6  | 0.3  |
|     |   |            | Min  | I          | -0.9 | -0.4 | -1.9             | -0.9 | -1.5 | -0.2 |
|     |   |            |      | CNT        | -0.9 | -0.4 | -1.9             | -0.9 | -1.6 | -0.3 |
|     |   |            |      | J          | -0.9 | -0.4 | -1.9             | -0.9 | -2.0 | -0.4 |
|     |   |            | pp   | I          | -0.0 | 0.0  | 0.4              | 0.1  | -0.1 | 0.0  |
|     |   |            |      | CNT        | -0.0 | 0.0  | 0.4              | 0.1  | -0.2 | 0.0  |
|     |   |            |      | J          | -0.0 | 0.0  | 0.4              | 0.1  | -0.4 | 0.0  |
|     |   |            | perm | I          | 0.0  | 0.1  | -0.2             | 0.2  | -0.1 | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.1  | -0.2             | 0.2  | -0.0 | 0.0  |
|     |   |            |      | J          | 0.0  | 0.1  | -0.2             | 0.2  | 0.0  | -0.0 |
|     |   |            | acc  | I          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | J          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 |      | Type: Beam |      |      | Section: soletta |      |      |      |
| 424 | 2 | 3 c mobili | Max  | I          | 0.4  | 0.4  | 3.1              | 1.1  | 1.3  | 0.1  |
|     |   |            |      | CNT        | 0.4  | 0.4  | 3.1              | 1.1  | 1.5  | 0.2  |
|     |   |            |      | J          | 0.4  | 0.4  | 3.1              | 1.1  | 2.1  | 0.3  |
|     |   |            | Min  | I          | -0.8 | -0.4 | -2.1             | -0.9 | -1.3 | -0.2 |
|     |   |            |      | CNT        | -0.8 | -0.4 | -2.1             | -0.9 | -1.9 | -0.3 |
|     |   |            |      | J          | -0.8 | -0.4 | -2.1             | -0.9 | -2.6 | -0.4 |
|     |   |            | pp   | I          | -0.0 | 0.0  | 0.1              | 0.1  | -0.2 | 0.0  |
|     |   |            |      | CNT        | -0.0 | 0.0  | 0.1              | 0.1  | -0.3 | 0.0  |
|     |   |            |      | J          | -0.0 | 0.0  | 0.1              | 0.1  | -0.3 | 0.0  |
|     |   |            | perm | I          | 0.0  | 0.0  | -0.6             | 0.2  | -0.2 | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.0  | -0.6             | 0.2  | -0.1 | 0.0  |
|     |   |            |      | J          | 0.0  | 0.0  | -0.6             | 0.2  | 0.1  | -0.0 |
|     |   |            | acc  | I          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | CNT        | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   |            |      | J          | 0.0  | 0.0  | 0.0              | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 |      | Type: Beam |      |      | Section: soletta |      |      |      |
| 425 | 2 | 3 c mobili | Max  | I          | 0.4  | 0.4  | 4.0              | 1.1  | 1.4  | 0.1  |

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|     |   |            |            |                  |      |      |      |      |      |      |
|-----|---|------------|------------|------------------|------|------|------|------|------|------|
|     |   |            |            | CNT              | 0.4  | 0.4  | 4.0  | 1.1  | 1.9  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.4  | 4.0  | 1.1  | 2.6  | 0.3  |
|     |   | Min        |            | I                | -0.8 | -0.4 | -2.7 | -0.9 | -1.3 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.4 | -2.7 | -0.9 | -2.1 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.4 | -2.7 | -0.9 | -3.2 | -0.4 |
|     |   | PP         |            | I                | -0.0 | 0.0  | -0.0 | 0.1  | -0.3 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -0.0 | 0.1  | -0.3 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -0.0 | 0.1  | -0.3 | 0.0  |
|     |   | perm       |            | I                | 0.0  | 0.0  | -0.8 | 0.2  | -0.3 | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | -0.8 | 0.2  | -0.1 | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | -0.8 | 0.2  | 0.2  | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 426 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.4  | 4.7  | 1.0  | 1.6  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.4  | 4.7  | 1.0  | 2.2  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.4  | 4.7  | 1.0  | 3.0  | 0.3  |
|     |   | Min        |            | I                | -0.8 | -0.4 | -3.1 | -0.8 | -1.4 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.4 | -3.1 | -0.8 | -2.3 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.4 | -3.1 | -0.8 | -3.6 | -0.4 |
|     |   | PP         |            | I                | -0.0 | 0.0  | -0.2 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -0.2 | 0.1  | -0.3 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -0.2 | 0.1  | -0.3 | 0.0  |
|     |   | perm       |            | I                | -0.0 | 0.0  | -1.0 | 0.1  | -0.3 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -1.0 | 0.1  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -1.0 | 0.1  | 0.2  | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 427 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.5  | 5.3  | 1.0  | 1.8  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.5  | 5.3  | 1.0  | 2.5  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.5  | 5.3  | 1.0  | 3.4  | 0.3  |
|     |   | Min        |            | I                | -0.8 | -0.3 | -3.6 | -0.8 | -1.4 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.3 | -3.6 | -0.8 | -2.5 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.3 | -3.6 | -0.8 | -4.0 | -0.4 |
|     |   | PP         |            | I                | -0.0 | 0.0  | -0.3 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -0.3 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -0.3 | 0.1  | -0.3 | 0.0  |
|     |   | perm       |            | I                | -0.0 | 0.0  | -1.1 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -1.1 | 0.1  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -1.1 | 0.1  | 0.3  | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 428 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.5  | 5.8  | 1.0  | 2.0  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.5  | 5.8  | 1.0  | 2.7  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.5  | 5.8  | 1.0  | 3.8  | 0.3  |
|     |   | Min        |            | I                | -0.8 | -0.3 | -3.9 | -0.8 | -1.5 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.3 | -3.9 | -0.8 | -2.6 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.3 | -3.9 | -0.8 | -4.3 | -0.4 |
|     |   | PP         |            | I                | -0.0 | 0.0  | -0.3 | 0.1  | -0.5 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -0.3 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -0.3 | 0.1  | -0.3 | 0.0  |
|     |   | perm       |            | I                | -0.0 | 0.0  | -1.2 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -1.2 | 0.1  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -1.2 | 0.1  | 0.3  | -0.0 |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 429 | 2 | 3 c mobili | Max        | I                | 0.5  | 0.5  | 6.2  | 0.9  | 2.1  | 0.1  |
|     |   |            |            | CNT              | 0.5  | 0.5  | 6.2  | 0.9  | 3.0  | 0.2  |
|     |   |            |            | J                | 0.5  | 0.5  | 6.2  | 0.9  | 4.1  | 0.3  |
|     |   | Min        |            | I                | -0.8 | -0.3 | -4.2 | -0.7 | -1.6 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.3 | -4.2 | -0.7 | -2.7 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.3 | -4.2 | -0.7 | -4.5 | -0.4 |
|     |   | PP         |            | I                | -0.0 | 0.0  | -0.4 | 0.1  | -0.5 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -0.4 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -0.4 | 0.1  | -0.3 | 0.0  |
|     |   | perm       |            | I                | -0.0 | 0.0  | -1.3 | 0.1  | -0.4 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -1.3 | 0.1  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -1.3 | 0.1  | 0.3  | 0.0  |
|     |   | acc        |            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

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|     |            |            |                  |      |      |      |      |      |      |
|-----|------------|------------|------------------|------|------|------|------|------|------|
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 430 | 2          | 3 c mobili | Max I            | 0.5  | 0.4  | 6.5  | 0.9  | 2.3  | 0.1  |
|     |            |            | CNT              | 0.5  | 0.4  | 6.5  | 0.9  | 3.2  | 0.2  |
|     |            |            | J                | 0.5  | 0.4  | 6.5  | 0.9  | 4.4  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -4.5 | -0.7 | -1.7 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -4.5 | -0.7 | -2.9 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -4.5 | -0.7 | -4.7 | -0.4 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.4 | 0.1  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.4 | 0.1  | -0.4 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.4 | 0.1  | -0.3 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.3 | 0.1  | -0.5 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -1.3 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.3 | 0.1  | 0.3  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 431 | 2          | 3 c mobili | Max I            | 0.5  | 0.4  | 6.7  | 0.8  | 2.5  | 0.1  |
|     |            |            | CNT              | 0.5  | 0.4  | 6.7  | 0.8  | 3.4  | 0.2  |
|     |            |            | J                | 0.5  | 0.4  | 6.7  | 0.8  | 4.7  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -4.7 | -0.7 | -1.8 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -4.7 | -0.7 | -3.1 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -4.7 | -0.7 | -4.8 | -0.4 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.5 | 0.1  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.5 | 0.1  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.5 | 0.1  | -0.3 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.4 | 0.1  | -0.5 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -1.4 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.4 | 0.1  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 432 | 2          | 3 c mobili | Max I            | 0.5  | 0.4  | 6.9  | 0.8  | 2.7  | 0.1  |
|     |            |            | CNT              | 0.5  | 0.4  | 6.9  | 0.8  | 3.6  | 0.2  |
|     |            |            | J                | 0.5  | 0.4  | 6.9  | 0.8  | 4.9  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -4.9 | -0.6 | -1.9 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -4.9 | -0.6 | -3.2 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -4.9 | -0.6 | -4.9 | -0.4 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.5 | 0.1  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.5 | 0.1  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.5 | 0.1  | -0.3 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.4 | 0.1  | -0.5 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -1.4 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.4 | 0.1  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 433 | 2          | 3 c mobili | Max I            | 0.5  | 0.4  | 7.0  | 0.8  | 2.8  | 0.1  |
|     |            |            | CNT              | 0.5  | 0.4  | 7.0  | 0.8  | 3.8  | 0.2  |
|     |            |            | J                | 0.5  | 0.4  | 7.0  | 0.8  | 5.1  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -5.0 | -0.6 | -2.0 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -5.0 | -0.6 | -3.3 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -5.0 | -0.6 | -5.0 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.5 | 0.1  | -0.6 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.5 | 0.1  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.5 | 0.1  | -0.3 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.5 | 0.1  | -0.5 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -1.5 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.5 | 0.1  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 434 | 2          | 3 c mobili | Max I            | 0.5  | 0.4  | 7.1  | 0.7  | 2.9  | 0.1  |
|     |            |            | CNT              | 0.5  | 0.4  | 7.1  | 0.7  | 3.9  | 0.2  |
|     |            |            | J                | 0.5  | 0.4  | 7.1  | 0.7  | 5.2  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -5.1 | -0.6 | -2.0 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -5.1 | -0.6 | -3.3 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -5.1 | -0.6 | -5.0 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.6 | 0.1  | -0.7 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.1  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.6 | 0.1  | -0.3 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.5 | 0.1  | -0.5 | -0.0 |



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|     |            |            |                  |      |      |      |      |      |      |
|-----|------------|------------|------------------|------|------|------|------|------|------|
|     |            |            | CNT              | -0.0 | -0.0 | -1.5 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.5 | 0.1  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 435 | 2          | 3 c mobili | Max I            | 0.5  | 0.4  | 7.2  | 0.7  | 3.0  | 0.1  |
|     |            |            | CNT              | 0.5  | 0.4  | 7.2  | 0.7  | 4.0  | 0.2  |
|     |            |            | J                | 0.5  | 0.4  | 7.2  | 0.7  | 5.4  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -5.2 | -0.5 | -2.1 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -5.2 | -0.5 | -3.4 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -5.2 | -0.5 | -5.0 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.6 | 0.0  | -0.7 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.0  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.6 | 0.0  | -0.3 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.5 | 0.1  | -0.5 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -1.5 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.5 | 0.1  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 436 | 2          | 3 c mobili | Max I            | 0.5  | 0.4  | 7.3  | 0.6  | 3.1  | 0.1  |
|     |            |            | CNT              | 0.5  | 0.4  | 7.3  | 0.6  | 4.1  | 0.2  |
|     |            |            | J                | 0.5  | 0.4  | 7.3  | 0.6  | 5.5  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -5.3 | -0.5 | -2.1 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -5.3 | -0.5 | -3.5 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -5.3 | -0.5 | -5.0 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.6 | 0.0  | -0.7 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.0  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.6 | 0.0  | -0.4 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.5 | 0.1  | -0.5 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -1.5 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.5 | 0.1  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 437 | 2          | 3 c mobili | Max I            | 0.4  | 0.4  | 7.4  | 0.6  | 3.2  | 0.1  |
|     |            |            | CNT              | 0.4  | 0.4  | 7.4  | 0.6  | 4.2  | 0.2  |
|     |            |            | J                | 0.4  | 0.4  | 7.4  | 0.6  | 5.5  | 0.2  |
|     |            | Min        | I                | -0.8 | -0.3 | -5.4 | -0.5 | -2.2 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -5.4 | -0.5 | -3.5 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -5.4 | -0.5 | -5.1 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.6 | 0.0  | -0.7 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.0  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.6 | 0.0  | -0.4 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.6 | 0.1  | -0.5 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -1.6 | 0.1  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.6 | 0.1  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 438 | 2          | 3 c mobili | Max I            | 0.4  | 0.4  | 7.4  | 0.5  | 3.3  | 0.1  |
|     |            |            | CNT              | 0.4  | 0.4  | 7.4  | 0.5  | 4.2  | 0.2  |
|     |            |            | J                | 0.4  | 0.4  | 7.4  | 0.5  | 5.6  | 0.3  |
|     |            | Min        | I                | -0.8 | -0.3 | -5.4 | -0.4 | -2.2 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.3 | -5.4 | -0.4 | -3.5 | -0.2 |
|     |            |            | J                | -0.8 | -0.3 | -5.4 | -0.4 | -5.2 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.6 | 0.0  | -0.7 | 0.0  |
|     |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.0  | -0.5 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -0.6 | 0.0  | -0.4 | 0.0  |
|     |            | perm       | I                | -0.0 | -0.0 | -1.6 | 0.0  | -0.5 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -1.6 | 0.0  | -0.1 | 0.0  |
|     |            |            | J                | -0.0 | -0.0 | -1.6 | 0.0  | 0.4  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 439 | 2          | 3 c mobili | Max I            | 0.4  | 0.4  | 7.4  | 0.5  | 3.3  | 0.1  |
|     |            |            | CNT              | 0.4  | 0.4  | 7.4  | 0.5  | 4.3  | 0.2  |
|     |            |            | J                | 0.4  | 0.4  | 7.4  | 0.5  | 5.6  | 0.3  |
|     |            | Min        | I                | -0.8 | -0.4 | -5.5 | -0.4 | -2.2 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.4 | -5.5 | -0.4 | -3.5 | -0.2 |
|     |            |            | J                | -0.8 | -0.4 | -5.5 | -0.4 | -5.2 | -0.3 |

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|     |   |            |            |                  |      |      |      |      |      |      |
|-----|---|------------|------------|------------------|------|------|------|------|------|------|
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.6 | 0.0  | -0.7 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.0  | -0.5 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.6 | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -1.6 | 0.0  | -0.5 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | -1.6 | 0.0  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -1.6 | 0.0  | 0.4  | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 440 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.4  | 7.4  | 0.5  | 3.3  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.4  | 7.4  | 0.5  | 4.3  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.4  | 7.4  | 0.5  | 5.6  | 0.3  |
|     |   |            | Min        | I                | -0.8 | -0.4 | -5.5 | -0.4 | -2.2 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.4 | -5.5 | -0.4 | -3.6 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.4 | -5.5 | -0.4 | -5.2 | -0.3 |
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.6 | 0.0  | -0.7 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.0  | -0.5 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.6 | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -1.6 | 0.0  | -0.6 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | -1.6 | 0.0  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -1.6 | 0.0  | 0.4  | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 441 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.4  | 7.5  | 0.4  | 3.4  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.4  | 7.5  | 0.4  | 4.3  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.4  | 7.5  | 0.4  | 5.6  | 0.3  |
|     |   |            | Min        | I                | -0.8 | -0.4 | -5.5 | -0.4 | -2.3 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.4 | -5.5 | -0.4 | -3.6 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.4 | -5.5 | -0.4 | -5.3 | -0.3 |
|     |   |            | PP         | I                | -0.0 | -0.0 | -0.6 | 0.0  | -0.7 | 0.0  |
|     |   |            |            | CNT              | -0.0 | -0.0 | -0.6 | 0.0  | -0.6 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -0.6 | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | -0.0 | -1.6 | 0.0  | -0.6 | -0.0 |
|     |   |            |            | CNT              | -0.0 | -0.0 | -1.6 | 0.0  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | -0.0 | -1.6 | 0.0  | 0.4  | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 442 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.4  | 7.5  | 0.4  | 3.3  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.4  | 7.5  | 0.4  | 4.3  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.4  | 7.5  | 0.4  | 5.6  | 0.3  |
|     |   |            | Min        | I                | -0.8 | -0.4 | -5.5 | -0.4 | -2.3 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.4 | -5.5 | -0.4 | -3.6 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.4 | -5.5 | -0.4 | -5.3 | -0.3 |
|     |   |            | PP         | I                | -0.0 | 0.0  | -0.6 | 0.0  | -0.7 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -0.6 | 0.0  | -0.6 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -0.6 | 0.0  | -0.4 | 0.0  |
|     |   |            | perm       | I                | -0.0 | 0.0  | -1.6 | 0.0  | -0.6 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -1.6 | 0.0  | -0.1 | 0.0  |
|     |   |            |            | J                | -0.0 | 0.0  | -1.6 | 0.0  | 0.4  | 0.0  |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 443 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.4  | 7.5  | 0.4  | 3.4  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.4  | 7.5  | 0.4  | 4.3  | 0.2  |
|     |   |            |            | J                | 0.4  | 0.4  | 7.5  | 0.4  | 5.6  | 0.3  |
|     |   |            | Min        | I                | -0.8 | -0.4 | -5.5 | -0.4 | -2.3 | -0.1 |
|     |   |            |            | CNT              | -0.8 | -0.4 | -5.5 | -0.4 | -3.6 | -0.2 |
|     |   |            |            | J                | -0.8 | -0.4 | -5.5 | -0.4 | -5.3 | -0.3 |
|     |   |            | PP         | I                | -0.0 | 0.0  | -0.6 | -0.0 | -0.7 | -0.0 |
|     |   |            |            | CNT              | -0.0 | 0.0  | -0.6 | -0.0 | -0.6 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | -0.6 | -0.0 | -0.4 | -0.0 |
|     |   |            | perm       | I                | -0.0 | 0.0  | -1.6 | -0.0 | -0.6 | 0.0  |
|     |   |            |            | CNT              | -0.0 | 0.0  | -1.6 | -0.0 | -0.1 | -0.0 |
|     |   |            |            | J                | -0.0 | 0.0  | -1.6 | -0.0 | 0.4  | -0.0 |
|     |   |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |   | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 444 | 2 | 3 c mobili | Max        | I                | 0.4  | 0.4  | 7.4  | 0.4  | 3.3  | 0.1  |
|     |   |            |            | CNT              | 0.4  | 0.4  | 7.4  | 0.4  | 4.3  | 0.2  |

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|     |            |                |                  |      |      |      |      |      |      |
|-----|------------|----------------|------------------|------|------|------|------|------|------|
|     |            |                | J                | 0.4  | 0.4  | 7.4  | 0.4  | 5.6  | 0.3  |
|     |            | Min            | I                | -0.8 | -0.4 | -5.5 | -0.5 | -2.2 | -0.1 |
|     |            |                | CNT              | -0.8 | -0.4 | -5.5 | -0.5 | -3.6 | -0.2 |
|     |            |                | J                | -0.8 | -0.4 | -5.5 | -0.5 | -5.2 | -0.3 |
|     |            | pp             | I                | -0.0 | 0.0  | -0.6 | -0.0 | -0.7 | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | -0.6 | -0.0 | -0.5 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -0.6 | -0.0 | -0.4 | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | -1.6 | -0.0 | -0.6 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | -1.6 | -0.0 | -0.1 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -1.6 | -0.0 | 0.4  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 445 | 2          | 3 c mobili Max | I                | 0.4  | 0.4  | 7.4  | 0.4  | 3.3  | 0.1  |
|     |            |                | CNT              | 0.4  | 0.4  | 7.4  | 0.4  | 4.3  | 0.2  |
|     |            |                | J                | 0.4  | 0.4  | 7.4  | 0.4  | 5.6  | 0.3  |
|     |            | Min            | I                | -0.8 | -0.4 | -5.5 | -0.5 | -2.2 | -0.1 |
|     |            |                | CNT              | -0.8 | -0.4 | -5.5 | -0.5 | -3.5 | -0.2 |
|     |            |                | J                | -0.8 | -0.4 | -5.5 | -0.5 | -5.2 | -0.3 |
|     |            | pp             | I                | -0.0 | 0.0  | -0.6 | -0.0 | -0.7 | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | -0.6 | -0.0 | -0.5 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -0.6 | -0.0 | -0.4 | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | -1.6 | -0.0 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | -1.6 | -0.0 | -0.1 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -1.6 | -0.0 | 0.4  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 446 | 2          | 3 c mobili Max | I                | 0.4  | 0.3  | 7.4  | 0.4  | 3.3  | 0.1  |
|     |            |                | CNT              | 0.4  | 0.3  | 7.4  | 0.4  | 4.2  | 0.2  |
|     |            |                | J                | 0.4  | 0.3  | 7.4  | 0.4  | 5.6  | 0.3  |
|     |            | Min            | I                | -0.8 | -0.4 | -5.4 | -0.5 | -2.2 | -0.1 |
|     |            |                | CNT              | -0.8 | -0.4 | -5.4 | -0.5 | -3.5 | -0.2 |
|     |            |                | J                | -0.8 | -0.4 | -5.4 | -0.5 | -5.2 | -0.3 |
|     |            | pp             | I                | -0.0 | 0.0  | -0.6 | -0.0 | -0.7 | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | -0.6 | -0.0 | -0.5 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -0.6 | -0.0 | -0.4 | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | -1.6 | -0.0 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | -1.6 | -0.0 | -0.1 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -1.6 | -0.0 | 0.4  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 447 | 2          | 3 c mobili Max | I                | 0.4  | 0.3  | 7.4  | 0.5  | 3.2  | 0.1  |
|     |            |                | CNT              | 0.4  | 0.3  | 7.4  | 0.5  | 4.2  | 0.2  |
|     |            |                | J                | 0.4  | 0.3  | 7.4  | 0.5  | 5.5  | 0.3  |
|     |            | Min            | I                | -0.8 | -0.4 | -5.4 | -0.6 | -2.2 | -0.1 |
|     |            |                | CNT              | -0.8 | -0.4 | -5.4 | -0.6 | -3.5 | -0.2 |
|     |            |                | J                | -0.8 | -0.4 | -5.4 | -0.6 | -5.1 | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | -0.6 | -0.0 | -0.7 | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | -0.6 | -0.0 | -0.5 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -0.6 | -0.0 | -0.4 | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | -1.6 | -0.1 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | -1.6 | -0.1 | -0.1 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -1.6 | -0.1 | 0.4  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam     | Section: soletta |      |      |      |      |      |      |
| 448 | 2          | 3 c mobili Max | I                | 0.5  | 0.3  | 7.3  | 0.5  | 3.1  | 0.1  |
|     |            |                | CNT              | 0.5  | 0.3  | 7.3  | 0.5  | 4.1  | 0.2  |
|     |            |                | J                | 0.5  | 0.3  | 7.3  | 0.5  | 5.5  | 0.3  |
|     |            | Min            | I                | -0.8 | -0.4 | -5.3 | -0.6 | -2.1 | -0.1 |
|     |            |                | CNT              | -0.8 | -0.4 | -5.3 | -0.6 | -3.5 | -0.2 |
|     |            |                | J                | -0.8 | -0.4 | -5.3 | -0.6 | -5.0 | -0.2 |
|     |            | pp             | I                | -0.0 | 0.0  | -0.6 | -0.0 | -0.7 | -0.0 |
|     |            |                | CNT              | -0.0 | 0.0  | -0.6 | -0.0 | -0.5 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -0.6 | -0.0 | -0.4 | -0.0 |
|     |            | perm           | I                | -0.0 | 0.0  | -1.5 | -0.1 | -0.5 | 0.0  |
|     |            |                | CNT              | -0.0 | 0.0  | -1.5 | -0.1 | -0.1 | -0.0 |
|     |            |                | J                | -0.0 | 0.0  | -1.5 | -0.1 | 0.4  | -0.0 |
|     |            | acc            | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |                | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

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| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|------|
| 449        | 2 | 3 c mobili | Max              | I   | 0.5  | 0.3  | 7.2  | 0.5  | 3.0  | 0.1  |      |
|            |   |            |                  | CNT | 0.5  | 0.3  | 7.2  | 0.5  | 4.0  | 0.2  |      |
|            |   |            |                  | J   | 0.5  | 0.3  | 7.2  | 0.5  | 5.4  | 0.3  |      |
|            |   |            |                  | Min | I    | -0.8 | -0.4 | -5.2 | -0.7 | -2.1 | -0.1 |
|            |   |            |                  |     | CNT  | -0.8 | -0.4 | -5.2 | -0.7 | -3.4 | -0.2 |
|            |   |            |                  |     | J    | -0.8 | -0.4 | -5.2 | -0.7 | -5.0 | -0.2 |
|            |   |            | PP               | I   | -0.0 | 0.0  | -0.6 | -0.0 | -0.7 | -0.0 |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -0.6 | -0.0 | -0.5 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -0.6 | -0.0 | -0.3 | -0.0 |      |
|            |   |            | perm             | I   | -0.0 | 0.0  | -1.5 | -0.1 | -0.5 | 0.0  |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -1.5 | -0.1 | -0.1 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -1.5 | -0.1 | 0.4  | -0.0 |      |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|------|
| 450        | 2 | 3 c mobili | Max              | I   | 0.5  | 0.3  | 7.1  | 0.6  | 2.9  | 0.1  |      |
|            |   |            |                  | CNT | 0.5  | 0.3  | 7.1  | 0.6  | 3.9  | 0.2  |      |
|            |   |            |                  | J   | 0.5  | 0.3  | 7.1  | 0.6  | 5.2  | 0.3  |      |
|            |   |            |                  | Min | I    | -0.8 | -0.4 | -5.1 | -0.7 | -2.0 | -0.1 |
|            |   |            |                  |     | CNT  | -0.8 | -0.4 | -5.1 | -0.7 | -3.3 | -0.2 |
|            |   |            |                  |     | J    | -0.8 | -0.4 | -5.1 | -0.7 | -5.0 | -0.2 |
|            |   |            | PP               | I   | -0.0 | 0.0  | -0.6 | -0.1 | -0.7 | -0.0 |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -0.6 | -0.1 | -0.5 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -0.6 | -0.1 | -0.3 | -0.0 |      |
|            |   |            | perm             | I   | -0.0 | 0.0  | -1.5 | -0.1 | -0.5 | 0.0  |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -1.5 | -0.1 | -0.1 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -1.5 | -0.1 | 0.4  | -0.0 |      |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|------|
| 451        | 2 | 3 c mobili | Max              | I   | 0.5  | 0.3  | 7.0  | 0.6  | 2.8  | 0.1  |      |
|            |   |            |                  | CNT | 0.5  | 0.3  | 7.0  | 0.6  | 3.8  | 0.2  |      |
|            |   |            |                  | J   | 0.5  | 0.3  | 7.0  | 0.6  | 5.1  | 0.3  |      |
|            |   |            |                  | Min | I    | -0.8 | -0.4 | -5.0 | -0.8 | -2.0 | -0.1 |
|            |   |            |                  |     | CNT  | -0.8 | -0.4 | -5.0 | -0.8 | -3.3 | -0.2 |
|            |   |            |                  |     | J    | -0.8 | -0.4 | -5.0 | -0.8 | -5.0 | -0.2 |
|            |   |            | PP               | I   | -0.0 | 0.0  | -0.5 | -0.1 | -0.6 | -0.0 |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -0.5 | -0.1 | -0.5 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -0.5 | -0.1 | -0.3 | -0.0 |      |
|            |   |            | perm             | I   | -0.0 | 0.0  | -1.5 | -0.1 | -0.5 | 0.0  |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -1.5 | -0.1 | -0.1 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -1.5 | -0.1 | 0.4  | -0.0 |      |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|------|
| 452        | 2 | 3 c mobili | Max              | I   | 0.5  | 0.3  | 6.9  | 0.6  | 2.7  | 0.1  |      |
|            |   |            |                  | CNT | 0.5  | 0.3  | 6.9  | 0.6  | 3.6  | 0.2  |      |
|            |   |            |                  | J   | 0.5  | 0.3  | 6.9  | 0.6  | 4.9  | 0.4  |      |
|            |   |            |                  | Min | I    | -0.8 | -0.4 | -4.9 | -0.8 | -1.9 | -0.1 |
|            |   |            |                  |     | CNT  | -0.8 | -0.4 | -4.9 | -0.8 | -3.2 | -0.2 |
|            |   |            |                  |     | J    | -0.8 | -0.4 | -4.9 | -0.8 | -4.9 | -0.2 |
|            |   |            | PP               | I   | -0.0 | 0.0  | -0.5 | -0.1 | -0.6 | -0.0 |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -0.5 | -0.1 | -0.5 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -0.5 | -0.1 | -0.3 | -0.0 |      |
|            |   |            | perm             | I   | -0.0 | 0.0  | -1.4 | -0.1 | -0.5 | -0.0 |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -1.4 | -0.1 | -0.1 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -1.4 | -0.1 | 0.4  | -0.0 |      |
|            |   |            | acc              | I   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | CNT | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|            |   |            |                  | J   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |

| Length = 2 |   | Type: Beam | Section: soletta |     |      |      |      |      |      |      |      |
|------------|---|------------|------------------|-----|------|------|------|------|------|------|------|
| 453        | 2 | 3 c mobili | Max              | I   | 0.5  | 0.3  | 6.7  | 0.7  | 2.5  | 0.1  |      |
|            |   |            |                  | CNT | 0.5  | 0.3  | 6.7  | 0.7  | 3.4  | 0.2  |      |
|            |   |            |                  | J   | 0.5  | 0.3  | 6.7  | 0.7  | 4.7  | 0.4  |      |
|            |   |            |                  | Min | I    | -0.8 | -0.4 | -4.7 | -0.8 | -1.8 | -0.1 |
|            |   |            |                  |     | CNT  | -0.8 | -0.4 | -4.7 | -0.8 | -3.1 | -0.2 |
|            |   |            |                  |     | J    | -0.8 | -0.4 | -4.7 | -0.8 | -4.8 | -0.2 |
|            |   |            | PP               | I   | -0.0 | 0.0  | -0.5 | -0.1 | -0.6 | -0.0 |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -0.5 | -0.1 | -0.5 | -0.0 |      |
|            |   |            |                  | J   | -0.0 | 0.0  | -0.5 | -0.1 | -0.3 | -0.0 |      |
|            |   |            | perm             | I   | -0.0 | 0.0  | -1.4 | -0.1 | -0.5 | -0.0 |      |
|            |   |            |                  | CNT | -0.0 | 0.0  | -1.4 | -0.1 | -0.1 | -0.0 |      |

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|     |            |            |                  |      |      |      |      |      |      |      |
|-----|------------|------------|------------------|------|------|------|------|------|------|------|
|     |            |            | J                | -0.0 | 0.0  | -1.4 | -0.1 | 0.4  | -0.0 |      |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |      |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 454 | 2          | 3 c mobili | Max              | I    | 0.5  | 0.3  | 6.5  | 0.7  | 2.3  | 0.1  |
|     |            |            |                  | CNT  | 0.5  | 0.3  | 6.5  | 0.7  | 3.2  | 0.2  |
|     |            |            |                  | J    | 0.5  | 0.3  | 6.5  | 0.7  | 4.4  | 0.4  |
|     |            |            | Min              | I    | -0.8 | -0.4 | -4.5 | -0.9 | -1.7 | -0.1 |
|     |            |            |                  | CNT  | -0.8 | -0.4 | -4.5 | -0.9 | -2.9 | -0.2 |
|     |            |            |                  | J    | -0.8 | -0.4 | -4.5 | -0.9 | -4.7 | -0.2 |
|     |            | pp         |                  | I    | -0.0 | 0.0  | -0.4 | -0.1 | -0.6 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | 0.0  | -0.4 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | J    | -0.0 | 0.0  | -0.4 | -0.1 | -0.3 | -0.0 |
|     |            | perm       |                  | I    | -0.0 | 0.0  | -1.3 | -0.1 | -0.5 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | 0.0  | -1.3 | -0.1 | -0.1 | -0.0 |
|     |            |            |                  | J    | -0.0 | 0.0  | -1.3 | -0.1 | 0.3  | -0.0 |
|     |            | acc        |                  | I    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | CNT  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | J    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 455 | 2          | 3 c mobili | Max              | I    | 0.5  | 0.3  | 6.2  | 0.7  | 2.1  | 0.1  |
|     |            |            |                  | CNT  | 0.5  | 0.3  | 6.2  | 0.7  | 3.0  | 0.2  |
|     |            |            |                  | J    | 0.5  | 0.3  | 6.2  | 0.7  | 4.1  | 0.4  |
|     |            |            | Min              | I    | -0.8 | -0.5 | -4.2 | -0.9 | -1.6 | -0.1 |
|     |            |            |                  | CNT  | -0.8 | -0.5 | -4.2 | -0.9 | -2.7 | -0.2 |
|     |            |            |                  | J    | -0.8 | -0.5 | -4.2 | -0.9 | -4.5 | -0.3 |
|     |            | pp         |                  | I    | -0.0 | -0.0 | -0.4 | -0.1 | -0.5 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | -0.0 | -0.4 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | J    | -0.0 | -0.0 | -0.4 | -0.1 | -0.3 | -0.0 |
|     |            | perm       |                  | I    | -0.0 | -0.0 | -1.3 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | -0.0 | -1.3 | -0.1 | -0.1 | -0.0 |
|     |            |            |                  | J    | -0.0 | -0.0 | -1.3 | -0.1 | 0.3  | -0.0 |
|     |            | acc        |                  | I    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | CNT  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | J    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 456 | 2          | 3 c mobili | Max              | I    | 0.4  | 0.3  | 5.8  | 0.8  | 2.0  | 0.1  |
|     |            |            |                  | CNT  | 0.4  | 0.3  | 5.8  | 0.8  | 2.7  | 0.2  |
|     |            |            |                  | J    | 0.4  | 0.3  | 5.8  | 0.8  | 3.8  | 0.4  |
|     |            |            | Min              | I    | -0.8 | -0.5 | -3.9 | -1.0 | -1.5 | -0.1 |
|     |            |            |                  | CNT  | -0.8 | -0.5 | -3.9 | -1.0 | -2.6 | -0.2 |
|     |            |            |                  | J    | -0.8 | -0.5 | -3.9 | -1.0 | -4.3 | -0.3 |
|     |            | pp         |                  | I    | -0.0 | -0.0 | -0.3 | -0.1 | -0.5 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | -0.0 | -0.3 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | J    | -0.0 | -0.0 | -0.3 | -0.1 | -0.3 | -0.0 |
|     |            | perm       |                  | I    | -0.0 | -0.0 | -1.2 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | -0.0 | -1.2 | -0.1 | -0.1 | -0.0 |
|     |            |            |                  | J    | -0.0 | -0.0 | -1.2 | -0.1 | 0.3  | 0.0  |
|     |            | acc        |                  | I    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | CNT  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | J    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 457 | 2          | 3 c mobili | Max              | I    | 0.4  | 0.3  | 5.3  | 0.8  | 1.8  | 0.1  |
|     |            |            |                  | CNT  | 0.4  | 0.3  | 5.3  | 0.8  | 2.5  | 0.2  |
|     |            |            |                  | J    | 0.4  | 0.3  | 5.3  | 0.8  | 3.4  | 0.4  |
|     |            |            | Min              | I    | -0.8 | -0.5 | -3.6 | -1.0 | -1.4 | -0.1 |
|     |            |            |                  | CNT  | -0.8 | -0.5 | -3.6 | -1.0 | -2.5 | -0.2 |
|     |            |            |                  | J    | -0.8 | -0.5 | -3.6 | -1.0 | -4.0 | -0.3 |
|     |            | pp         |                  | I    | -0.0 | -0.0 | -0.3 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | -0.0 | -0.3 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | J    | -0.0 | -0.0 | -0.3 | -0.1 | -0.3 | -0.0 |
|     |            | perm       |                  | I    | -0.0 | -0.0 | -1.1 | -0.1 | -0.4 | -0.0 |
|     |            |            |                  | CNT  | -0.0 | -0.0 | -1.1 | -0.1 | -0.1 | -0.0 |
|     |            |            |                  | J    | -0.0 | -0.0 | -1.1 | -0.1 | 0.3  | 0.0  |
|     |            | acc        |                  | I    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | CNT  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            |                  | J    | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |      |
| 458 | 2          | 3 c mobili | Max              | I    | 0.4  | 0.4  | 4.7  | 0.8  | 1.6  | 0.1  |
|     |            |            |                  | CNT  | 0.4  | 0.4  | 4.7  | 0.8  | 2.2  | 0.2  |
|     |            |            |                  | J    | 0.4  | 0.4  | 4.7  | 0.8  | 3.0  | 0.4  |
|     |            |            | Min              | I    | -0.8 | -0.4 | -3.1 | -1.0 | -1.4 | -0.1 |
|     |            |            |                  | CNT  | -0.8 | -0.4 | -3.1 | -1.0 | -2.3 | -0.2 |
|     |            |            |                  | J    | -0.8 | -0.4 | -3.1 | -1.0 | -3.6 | -0.3 |
|     |            | pp         |                  | I    | -0.0 | -0.0 | -0.2 | -0.1 | -0.4 | -0.0 |

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|     |            |            |                  |      |      |      |      |      |      |
|-----|------------|------------|------------------|------|------|------|------|------|------|
|     |            |            | CNT              | -0.0 | -0.0 | -0.2 | -0.1 | -0.3 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | -0.2 | -0.1 | -0.3 | -0.0 |
|     |            | perm       | I                | -0.0 | -0.0 | -1.0 | -0.1 | -0.3 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -1.0 | -0.1 | -0.1 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | -1.0 | -0.1 | 0.2  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 459 | 2          | 3 c mobili | Max I            | 0.4  | 0.4  | 4.0  | 0.9  | 1.4  | 0.1  |
|     |            |            | CNT              | 0.4  | 0.4  | 4.0  | 0.9  | 1.9  | 0.2  |
|     |            |            | J                | 0.4  | 0.4  | 4.0  | 0.9  | 2.6  | 0.4  |
|     |            | Min        | I                | -0.8 | -0.4 | -2.7 | -1.1 | -1.3 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.4 | -2.7 | -1.1 | -2.1 | -0.2 |
|     |            |            | J                | -0.8 | -0.4 | -2.7 | -1.1 | -3.2 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | -0.0 | -0.1 | -0.3 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | -0.0 | -0.1 | -0.3 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | -0.0 | -0.1 | -0.3 | -0.0 |
|     |            | perm       | I                | 0.0  | -0.0 | -0.8 | -0.2 | -0.3 | -0.0 |
|     |            |            | CNT              | 0.0  | -0.0 | -0.8 | -0.2 | -0.1 | -0.0 |
|     |            |            | J                | 0.0  | -0.0 | -0.8 | -0.2 | 0.2  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 460 | 2          | 3 c mobili | Max I            | 0.4  | 0.4  | 3.1  | 0.9  | 1.3  | 0.2  |
|     |            |            | CNT              | 0.4  | 0.4  | 3.1  | 0.9  | 1.5  | 0.3  |
|     |            |            | J                | 0.4  | 0.4  | 3.1  | 0.9  | 2.1  | 0.4  |
|     |            | Min        | I                | -0.8 | -0.4 | -2.1 | -1.1 | -1.3 | -0.1 |
|     |            |            | CNT              | -0.8 | -0.4 | -2.1 | -1.1 | -1.9 | -0.2 |
|     |            |            | J                | -0.8 | -0.4 | -2.1 | -1.1 | -2.6 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | 0.1  | -0.1 | -0.2 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | 0.1  | -0.1 | -0.3 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | 0.1  | -0.1 | -0.3 | -0.0 |
|     |            | perm       | I                | 0.0  | -0.0 | -0.6 | -0.2 | -0.2 | -0.0 |
|     |            |            | CNT              | 0.0  | -0.0 | -0.6 | -0.2 | -0.1 | -0.0 |
|     |            |            | J                | 0.0  | -0.0 | -0.6 | -0.2 | 0.1  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 461 | 2          | 3 c mobili | Max I            | 0.3  | 0.4  | 2.4  | 0.9  | 1.2  | 0.2  |
|     |            |            | CNT              | 0.3  | 0.4  | 2.4  | 0.9  | 1.2  | 0.3  |
|     |            |            | J                | 0.3  | 0.4  | 2.4  | 0.9  | 1.6  | 0.4  |
|     |            | Min        | I                | -0.9 | -0.4 | -1.9 | -1.1 | -1.5 | -0.1 |
|     |            |            | CNT              | -0.9 | -0.4 | -1.9 | -1.1 | -1.6 | -0.2 |
|     |            |            | J                | -0.9 | -0.4 | -1.9 | -1.1 | -2.0 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | 0.4  | -0.1 | -0.1 | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | 0.4  | -0.1 | -0.2 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | 0.4  | -0.1 | -0.4 | -0.0 |
|     |            | perm       | I                | 0.0  | -0.1 | -0.2 | -0.2 | -0.1 | -0.0 |
|     |            |            | CNT              | 0.0  | -0.1 | -0.2 | -0.2 | -0.0 | -0.0 |
|     |            |            | J                | 0.0  | -0.1 | -0.2 | -0.2 | 0.0  | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 462 | 2          | 3 c mobili | Max I            | 0.3  | 0.4  | 2.7  | 0.9  | 1.2  | 0.2  |
|     |            |            | CNT              | 0.3  | 0.4  | 2.7  | 0.9  | 0.8  | 0.3  |
|     |            |            | J                | 0.3  | 0.4  | 2.7  | 0.9  | 1.2  | 0.4  |
|     |            | Min        | I                | -1.0 | -0.4 | -3.4 | -1.1 | -1.9 | -0.2 |
|     |            |            | CNT              | -1.0 | -0.4 | -3.4 | -1.1 | -1.3 | -0.2 |
|     |            |            | J                | -1.0 | -0.4 | -3.4 | -1.1 | -1.3 | -0.3 |
|     |            | pp         | I                | -0.0 | -0.0 | 0.8  | -0.1 | 0.0  | -0.0 |
|     |            |            | CNT              | -0.0 | -0.0 | 0.8  | -0.1 | -0.2 | -0.0 |
|     |            |            | J                | -0.0 | -0.0 | 0.8  | -0.1 | -0.4 | -0.0 |
|     |            | perm       | I                | 0.0  | -0.1 | 0.2  | -0.2 | 0.0  | -0.0 |
|     |            |            | CNT              | 0.0  | -0.1 | 0.2  | -0.2 | -0.0 | -0.0 |
|     |            |            | J                | 0.0  | -0.1 | 0.2  | -0.2 | -0.1 | 0.0  |
|     |            | acc        | I                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | CNT              | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     |            |            | J                | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
|     | Length = 2 | Type: Beam | Section: soletta |      |      |      |      |      |      |
| 463 | 2          | 3 c mobili | Max I            | 0.3  | 0.4  | 4.2  | 0.9  | 1.4  | 0.2  |
|     |            |            | CNT              | 0.3  | 0.4  | 4.2  | 0.9  | 0.5  | 0.3  |
|     |            |            | J                | 0.3  | 0.4  | 4.2  | 0.9  | 1.4  | 0.3  |

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|     |   |              |            |                       |      |      |        |        |       |      |
|-----|---|--------------|------------|-----------------------|------|------|--------|--------|-------|------|
|     |   |              | Min        | I                     | -0.9 | -0.3 | -5.9   | -1.1   | -2.4  | -0.2 |
|     |   |              |            | CNT                   | -0.9 | -0.3 | -5.9   | -1.1   | -0.9  | -0.2 |
|     |   |              |            | J                     | -0.9 | -0.3 | -5.9   | -1.1   | -1.2  | -0.3 |
|     |   | pp           |            | I                     | -0.0 | -0.0 | 1.3    | -0.1   | 0.2   | -0.0 |
|     |   |              |            | CNT                   | -0.0 | -0.0 | 1.3    | -0.1   | -0.1  | -0.0 |
|     |   |              |            | J                     | -0.0 | -0.0 | 1.3    | -0.1   | -0.5  | -0.0 |
|     |   | perm         |            | I                     | 0.0  | -0.0 | 0.9    | -0.2   | 0.2   | -0.0 |
|     |   |              |            | CNT                   | 0.0  | -0.0 | 0.9    | -0.2   | -0.0  | -0.0 |
|     |   |              |            | J                     | 0.0  | -0.0 | 0.9    | -0.2   | -0.3  | 0.0  |
|     |   | acc          |            | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: soletta      |      |      |        |        |       |      |
| 464 | 2 | 3 c mobili   | Max        | I                     | 0.2  | 0.2  | 7.2    | 0.9    | 2.2   | 0.2  |
|     |   |              |            | CNT                   | 0.2  | 0.2  | 7.2    | 0.9    | 0.2   | 0.3  |
|     |   |              |            | J                     | 0.2  | 0.2  | 7.2    | 0.9    | 2.6   | 0.3  |
|     |   |              | Min        | I                     | -0.8 | -0.2 | -9.7   | -1.1   | -3.4  | -0.2 |
|     |   |              |            | CNT                   | -0.8 | -0.2 | -9.7   | -1.1   | -0.6  | -0.2 |
|     |   |              |            | J                     | -0.8 | -0.2 | -9.7   | -1.1   | -2.2  | -0.3 |
|     |   | pp           |            | I                     | 0.0  | 0.0  | 2.1    | -0.1   | 0.5   | -0.0 |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 2.1    | -0.1   | -0.1  | -0.0 |
|     |   |              |            | J                     | 0.0  | 0.0  | 2.1    | -0.1   | -0.7  | -0.0 |
|     |   | perm         |            | I                     | 0.0  | 0.0  | 2.0    | -0.2   | 0.6   | -0.0 |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 2.0    | -0.2   | -0.0  | -0.0 |
|     |   |              |            | J                     | 0.0  | 0.0  | 2.0    | -0.2   | -0.6  | -0.0 |
|     |   | acc          |            | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: soletta      |      |      |        |        |       |      |
| 465 | 2 | 4 c mobili   | Max        | I                     | 1.7  | 0.7  | 84.3   | 15.0   | 20.0  | 0.7  |
|     |   |              |            | CNT                   | 1.7  | 0.7  | 84.3   | 15.0   | 29.0  | 0.7  |
|     |   |              |            | J                     | 1.7  | 0.7  | 84.3   | 15.0   | 45.6  | 0.8  |
|     |   |              | Min        | I                     | -0.6 | -0.7 | -87.2  | -18.6  | -41.6 | -0.7 |
|     |   |              |            | CNT                   | -0.6 | -0.7 | -87.2  | -18.6  | -52.0 | -0.7 |
|     |   |              |            | J                     | -0.6 | -0.7 | -87.2  | -18.6  | -74.1 | -0.7 |
|     |   | pp           |            | I                     | 0.2  | 0.1  | 13.6   | -1.7   | -2.5  | -0.1 |
|     |   |              |            | CNT                   | 0.2  | 0.1  | 13.6   | -1.7   | -6.6  | -0.1 |
|     |   |              |            | J                     | 0.2  | 0.1  | 13.6   | -1.7   | -10.6 | -0.1 |
|     |   | perm         |            | I                     | 0.1  | 0.1  | 16.5   | -2.5   | 1.0   | 0.0  |
|     |   |              |            | CNT                   | 0.1  | 0.1  | 16.5   | -2.5   | -3.9  | -0.0 |
|     |   |              |            | J                     | 0.1  | 0.1  | 16.5   | -2.5   | -8.9  | -0.1 |
|     |   | acc          |            | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 2   | Type: Beam | Section: traverso cap |      |      |        |        |       |      |
| 466 | 1 | 1 c mobili   | Max        | I                     | 0.7  | 1.7  | 150.4  | 97.9   | 15.0  | 1.0  |
|     |   |              |            | CNT                   | 0.7  | 1.7  | 150.4  | 97.9   | 36.1  | 0.8  |
|     |   |              |            | J                     | 0.7  | 1.7  | 150.4  | 97.9   | 57.8  | 0.7  |
|     |   |              | Min        | I                     | -0.7 | -0.6 | -87.2  | -127.7 | -18.6 | -1.0 |
|     |   |              |            | CNT                   | -0.7 | -0.6 | -87.2  | -127.7 | -43.4 | -1.0 |
|     |   |              |            | J                     | -0.7 | -0.6 | -87.2  | -127.7 | -80.9 | -1.1 |
|     |   | pp           |            | I                     | 0.1  | 0.2  | 13.6   | -20.1  | -1.7  | 0.2  |
|     |   |              |            | CNT                   | 0.1  | 0.2  | 20.5   | -19.6  | -5.9  | 0.2  |
|     |   |              |            | J                     | 0.1  | 0.2  | 27.3   | -19.0  | -11.9 | 0.1  |
|     |   | perm         |            | I                     | 0.1  | 0.1  | 16.5   | -20.4  | -2.5  | 0.1  |
|     |   |              |            | CNT                   | 0.1  | 0.1  | 19.3   | -20.4  | -7.0  | 0.1  |
|     |   |              |            | J                     | 0.1  | 0.1  | 22.0   | -20.4  | -12.1 | 0.1  |
|     |   | acc          |            | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap          |      |      |        |        |       |      |
| 467 | 1 | 1 c mobili   | Max        | I                     | 0.9  | 1.5  | 9.1    | 105.0  | 58.7  | 1.1  |
|     |   |              |            | CNT                   | 0.9  | 1.5  | 9.1    | 105.0  | 92.7  | 1.0  |
|     |   |              |            | J                     | 0.9  | 1.5  | 9.1    | 105.0  | 152.7 | 1.0  |
|     |   |              | Min        | I                     | -0.9 | -0.7 | -296.9 | -132.2 | -81.3 | -1.4 |
|     |   |              |            | CNT                   | -0.9 | -0.7 | -296.9 | -132.2 | -65.6 | -1.4 |
|     |   |              |            | J                     | -0.9 | -0.7 | -296.9 | -132.2 | -59.3 | -1.6 |
|     |   | pp           |            | I                     | 0.1  | 0.2  | -296.7 | -21.2  | -12.0 | 0.2  |
|     |   |              |            | CNT                   | 0.1  | 0.2  | -289.9 | -20.6  | 61.3  | 0.1  |
|     |   |              |            | J                     | 0.1  | 0.2  | -283.0 | -20.1  | 132.9 | 0.0  |
|     |   | perm         |            | I                     | 0.1  | 0.1  | -97.2  | -22.5  | -12.3 | 0.1  |
|     |   |              |            | CNT                   | 0.1  | 0.1  | -94.4  | -22.5  | 11.7  | 0.1  |
|     |   |              |            | J                     | 0.1  | 0.1  | -91.7  | -22.5  | 34.9  | 0.1  |
|     |   | acc          |            | I                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | CNT                   | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |
|     |   |              |            | J                     | 0.0  | 0.0  | 0.0    | 0.0    | 0.0   | 0.0  |

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|              |      |            |              |      |            |              |        |        |       |       |       |       |     |
|--------------|------|------------|--------------|------|------------|--------------|--------|--------|-------|-------|-------|-------|-----|
| Length = 0.5 |      | Type: Beam | Section: cap |      |            |              |        |        |       |       |       |       |     |
| 468          | 1    | 1 c mobili | Max          | I    | 1.1        | 1.2          | 8.8    | 109.3  | 152.9 | 1.4   |       |       |     |
|              |      |            |              | CNT  | 1.1        | 1.2          | 8.8    | 109.3  | 212.3 | 1.4   |       |       |     |
|              |      |            |              | J    | 1.1        | 1.2          | 8.8    | 109.3  | 282.9 | 1.4   |       |       |     |
|              |      |            | Min          | I    | -1.0       | -0.8         | -284.2 | -134.0 | -59.4 | -1.9  |       |       |     |
|              |      |            |              | CNT  | -1.0       | -0.8         | -284.2 | -134.0 | -56.9 | -1.9  |       |       |     |
|              |      |            |              | J    | -1.0       | -0.8         | -284.2 | -134.0 | -55.8 | -1.9  |       |       |     |
|              |      |            |              | PP   | I          | 0.1          | 0.2    | -281.7 | -21.5 | 132.8 | 0.0   |       |     |
|              |      |            |              |      | CNT        | 0.1          | 0.2    | -274.8 | -20.9 | 202.4 | -0.0  |       |     |
|              |      |            |              |      | J          | 0.1          | 0.2    | -268.0 | -20.4 | 270.2 | -0.1  |       |     |
|              |      |            |              | perm | I          | 0.1          | 0.1    | -90.8  | -23.4 | 34.8  | 0.0   |       |     |
|              |      |            |              |      | CNT        | 0.1          | 0.1    | -88.0  | -23.4 | 57.1  | -0.0  |       |     |
|              |      |            |              |      | J          | 0.1          | 0.1    | -85.3  | -23.4 | 78.8  | -0.0  |       |     |
|              |      |            |              | acc  | I          | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      |            | Length = 0.5 |      | Type: Beam | Section: cap |        |        |       |       |       |       |     |
|              |      |            | 469          | 1    | 1 c mobili | Max          | I      | 1.3    | 1.0   | 13.1  | 110.9 | 282.8 | 1.9 |
|              |      |            |              |      |            |              | CNT    | 1.3    | 1.0   | 13.1  | 110.9 | 336.2 | 1.9 |
|              | J    | 1.3        |              |      |            | 1.0          | 13.1   | 110.9  | 404.0 | 1.9   |       |       |     |
| Min          | I    | -1.2       |              |      |            | -0.9         | -271.8 | -134.1 | -55.8 | -2.4  |       |       |     |
|              | CNT  | -1.2       |              |      |            | -0.9         | -271.8 | -134.1 | -54.9 | -2.2  |       |       |     |
|              | J    | -1.2       |              |      |            | -0.9         | -271.8 | -134.1 | -54.1 | -2.1  |       |       |     |
|              | PP   | I          |              |      |            | 0.1          | 0.2    | -267.2 | -21.3 | 270.1 | -0.1  |       |     |
|              |      | CNT        |              |      |            | 0.1          | 0.2    | -260.3 | -20.8 | 336.1 | -0.1  |       |     |
|              |      | J          |              |      |            | 0.1          | 0.2    | -253.5 | -20.2 | 400.3 | -0.2  |       |     |
|              | perm | I          |              |      |            | 0.0          | 0.1    | -85.0  | -23.7 | 78.6  | -0.1  |       |     |
|              |      | CNT        |              |      |            | 0.0          | 0.1    | -82.3  | -23.7 | 99.5  | -0.1  |       |     |
|              |      | J          |              |      |            | 0.0          | 0.1    | -79.5  | -23.7 | 119.8 | -0.1  |       |     |
|              | acc  | I          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
| Length = 0.5 |      | Type: Beam |              |      |            | Section: cap |        |        |       |       |       |       |     |
| 470          | 1    | 1 c mobili |              |      |            | Max          | I      | 1.6    | 0.8   | 20.7  | 110.7 | 403.8 | 2.4 |
|              |      |            |              |      |            |              | CNT    | 1.6    | 0.8   | 20.7  | 110.7 | 450.2 | 2.4 |
|              |      |            |              | J    | 1.6        | 0.8          | 20.7   | 110.7  | 514.9 | 2.4   |       |       |     |
|              |      |            | Min          | I    | -1.5       | -1.1         | -260.2 | -132.8 | -54.1 | -2.7  |       |       |     |
|              |      |            |              | CNT  | -1.5       | -1.1         | -260.2 | -132.8 | -53.2 | -2.5  |       |       |     |
|              |      |            |              | J    | -1.5       | -1.1         | -260.2 | -132.8 | -52.4 | -2.4  |       |       |     |
|              |      |            |              | PP   | I          | 0.0          | 0.2    | -253.1 | -20.8 | 400.2 | -0.2  |       |     |
|              |      |            |              |      | CNT        | 0.0          | 0.2    | -246.2 | -20.3 | 462.6 | -0.3  |       |     |
|              |      |            |              |      | J          | 0.0          | 0.2    | -239.3 | -19.7 | 523.3 | -0.3  |       |     |
|              |      |            |              | perm | I          | -0.0         | 0.1    | -79.8  | -23.5 | 119.6 | -0.2  |       |     |
|              |      |            |              |      | CNT        | -0.0         | 0.1    | -77.0  | -23.5 | 139.2 | -0.2  |       |     |
|              |      |            |              |      | J          | -0.0         | 0.1    | -74.3  | -23.5 | 158.1 | -0.3  |       |     |
|              |      |            |              | acc  | I          | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      |            | Length = 0.5 |      | Type: Beam | Section: cap |        |        |       |       |       |       |     |
|              |      |            | 471          | 1    | 1 c mobili | Max          | I      | 1.8    | 0.8   | 30.2  | 109.1 | 514.7 | 2.9 |
|              |      |            |              |      |            |              | CNT    | 1.8    | 0.8   | 30.2  | 109.1 | 554.5 | 2.9 |
|              | J    | 1.8        |              |      |            | 0.8          | 30.2   | 109.1  | 616.5 | 2.9   |       |       |     |
| Min          | I    | -1.8       |              |      |            | -1.4         | -249.4 | -130.5 | -52.3 | -3.1  |       |       |     |
|              | CNT  | -1.8       |              |      |            | -1.4         | -249.4 | -130.5 | -51.5 | -3.0  |       |       |     |
|              | J    | -1.8       |              |      |            | -1.4         | -249.4 | -130.5 | -50.6 | -2.9  |       |       |     |
|              | PP   | I          |              |      |            | -0.0         | 0.2    | -239.2 | -20.1 | 523.1 | -0.3  |       |     |
|              |      | CNT        |              |      |            | -0.0         | 0.2    | -232.3 | -19.6 | 582.1 | -0.4  |       |     |
|              |      | J          |              |      |            | -0.0         | 0.2    | -225.4 | -19.0 | 639.3 | -0.4  |       |     |
|              | perm | I          |              |      |            | -0.1         | 0.1    | -74.8  | -23.0 | 158.0 | -0.3  |       |     |
|              |      | CNT        |              |      |            | -0.1         | 0.1    | -72.1  | -23.0 | 176.3 | -0.3  |       |     |
|              |      | J          |              |      |            | -0.1         | 0.1    | -69.3  | -23.0 | 194.0 | -0.4  |       |     |
|              | acc  | I          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |       |     |
| Length = 0.5 |      | Type: Beam |              |      |            | Section: cap |        |        |       |       |       |       |     |
| 472          | 1    | 1 c mobili |              |      |            | Max          | I      | 1.9    | 0.7   | 38.9  | 106.6 | 616.2 | 3.4 |
|              |      |            |              |      |            |              | CNT    | 1.9    | 0.7   | 38.9  | 106.6 | 650.1 | 3.4 |
|              |      |            |              | J    | 1.9        | 0.7          | 38.9   | 106.6  | 709.4 | 3.3   |       |       |     |
|              |      |            | Min          | I    | -2.1       | -1.5         | -239.5 | -127.5 | -50.6 | -3.5  |       |       |     |
|              |      |            |              | CNT  | -2.1       | -1.5         | -239.5 | -127.5 | -49.7 | -3.3  |       |       |     |
|              |      |            |              | J    | -2.1       | -1.5         | -239.5 | -127.5 | -48.9 | -3.3  |       |       |     |
|              |      |            |              | PP   | I          | -0.1         | 0.2    | -225.5 | -19.3 | 639.2 | -0.4  |       |     |
|              |      |            |              |      | CNT        | -0.1         | 0.2    | -218.6 | -18.7 | 694.7 | -0.5  |       |     |
|              |      |            |              |      | J          | -0.1         | 0.2    | -211.7 | -18.2 | 748.5 | -0.5  |       |     |
|              |      |            |              | perm | I          | -0.1         | 0.1    | -70.1  | -22.2 | 193.8 | -0.4  |       |     |
|              |      |            |              |      | CNT        | -0.1         | 0.1    | -67.4  | -22.2 | 211.0 | -0.4  |       |     |
|              |      |            |              |      | J          | -0.1         | 0.1    | -64.6  | -22.2 | 227.5 | -0.5  |       |     |



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|     |   |              |            |              |      |      |        |        |        |        |      |
|-----|---|--------------|------------|--------------|------|------|--------|--------|--------|--------|------|
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |        |      |
| 473 | 1 | 1            | c mobili   | Max          | I    | 2.0  | 0.8    | 46.7   | 103.3  | 709.1  | 3.8  |
|     |   |              |            |              | CNT  | 2.0  | 0.8    | 46.7   | 103.3  | 739.5  | 3.8  |
|     |   |              |            |              | J    | 2.0  | 0.8    | 46.7   | 103.3  | 794.3  | 3.7  |
|     |   |              | Min        | I            | -2.3 | -1.5 | -230.3 | -123.7 | -48.8  | -48.8  | -3.8 |
|     |   |              |            | CNT          | -2.3 | -1.5 | -230.3 | -123.7 | -48.0  | -48.0  | -3.7 |
|     |   |              |            | J            | -2.3 | -1.5 | -230.3 | -123.7 | -47.1  | -47.1  | -3.6 |
|     |   |              | pp         | I            | -0.1 | 0.1  | -211.9 | -18.3  | 748.4  | -0.5   | -0.5 |
|     |   |              |            | CNT          | -0.1 | 0.1  | -205.0 | -17.8  | 800.5  | -0.5   | -0.5 |
|     |   |              |            | J            | -0.1 | 0.1  | -198.1 | -17.2  | 850.9  | -0.6   | -0.6 |
|     |   |              | perm       | I            | -0.1 | 0.1  | -65.6  | -21.3  | 227.4  | -0.5   | -0.5 |
|     |   |              |            | CNT          | -0.1 | 0.1  | -62.9  | -21.3  | 243.4  | -0.5   | -0.5 |
|     |   |              |            | J            | -0.1 | 0.1  | -60.1  | -21.3  | 258.8  | -0.6   | -0.6 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |        |      |
| 474 | 1 | 1            | c mobili   | Max          | I    | 2.1  | 0.8    | 53.9   | 99.5   | 794.0  | 4.2  |
|     |   |              |            | CNT          | 2.1  | 0.8  | 53.9   | 99.5   | 822.0  | 4.1    | 4.1  |
|     |   |              |            | J            | 2.1  | 0.8  | 53.9   | 99.5   | 871.9  | 4.1    | 4.1  |
|     |   |              | Min        | I            | -2.5 | -1.5 | -221.6 | -119.3 | -47.1  | -47.1  | -4.2 |
|     |   |              |            | CNT          | -2.5 | -1.5 | -221.6 | -119.3 | -46.2  | -46.2  | -4.1 |
|     |   |              |            | J            | -2.5 | -1.5 | -221.6 | -119.3 | -45.4  | -45.4  | -4.0 |
|     |   |              | pp         | I            | -0.1 | 0.1  | -198.4 | -17.3  | 850.8  | -0.6   | -0.6 |
|     |   |              |            | CNT          | -0.1 | 0.1  | -191.5 | -16.8  | 899.5  | -0.6   | -0.6 |
|     |   |              |            | J            | -0.1 | 0.1  | -184.7 | -16.2  | 946.6  | -0.6   | -0.6 |
|     |   |              | perm       | I            | -0.2 | 0.1  | -61.2  | -20.3  | 258.7  | -0.6   | -0.6 |
|     |   |              |            | CNT          | -0.2 | 0.1  | -58.4  | -20.3  | 273.6  | -0.6   | -0.6 |
|     |   |              |            | J            | -0.2 | 0.1  | -55.7  | -20.3  | 287.9  | -0.6   | -0.6 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |        |      |
| 475 | 1 | 1            | c mobili   | Max          | I    | 2.1  | 0.8    | 60.4   | 95.2   | 871.6  | 4.5  |
|     |   |              |            | CNT          | 2.1  | 0.8  | 60.4   | 95.2   | 897.2  | 4.4    | 4.4  |
|     |   |              |            | J            | 2.1  | 0.8  | 60.4   | 95.2   | 942.5  | 4.4    | 4.4  |
|     |   |              | Min        | I            | -2.8 | -1.5 | -213.5 | -114.4 | -45.3  | -45.3  | -4.5 |
|     |   |              |            | CNT          | -2.8 | -1.5 | -213.5 | -114.4 | -44.5  | -44.5  | -4.4 |
|     |   |              |            | J            | -2.8 | -1.5 | -213.5 | -114.4 | -43.6  | -43.6  | -4.3 |
|     |   |              | pp         | I            | -0.1 | 0.1  | -185.0 | -16.2  | 946.5  | -0.6   | -0.6 |
|     |   |              |            | CNT          | -0.1 | 0.1  | -178.1 | -15.7  | 991.9  | -0.6   | -0.6 |
|     |   |              |            | J            | -0.1 | 0.1  | -171.3 | -15.1  | 1035.5 | -0.7   | -0.7 |
|     |   |              | perm       | I            | -0.2 | 0.1  | -56.9  | -19.2  | 287.8  | -0.6   | -0.6 |
|     |   |              |            | CNT          | -0.2 | 0.1  | -54.1  | -19.2  | 301.6  | -0.7   | -0.7 |
|     |   |              |            | J            | -0.2 | 0.1  | -51.4  | -19.2  | 314.8  | -0.7   | -0.7 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |        |      |
| 476 | 1 | 1            | c mobili   | Max          | I    | 2.1  | 0.8    | 66.4   | 90.7   | 942.2  | 4.8  |
|     |   |              |            | CNT          | 2.1  | 0.8  | 66.4   | 90.7   | 965.5  | 4.7    | 4.7  |
|     |   |              |            | J            | 2.1  | 0.8  | 66.4   | 90.7   | 1006.6 | 4.6    | 4.6  |
|     |   |              | Min        | I            | -2.9 | -1.5 | -205.9 | -109.0 | -43.6  | -43.6  | -4.8 |
|     |   |              |            | CNT          | -2.9 | -1.5 | -205.9 | -109.0 | -42.8  | -42.8  | -4.7 |
|     |   |              |            | J            | -2.9 | -1.5 | -205.9 | -109.0 | -42.0  | -42.0  | -4.6 |
|     |   |              | pp         | I            | -0.1 | 0.1  | -171.7 | -15.1  | 1035.4 | -0.7   | -0.7 |
|     |   |              |            | CNT          | -0.1 | 0.1  | -164.8 | -14.6  | 1077.5 | -0.7   | -0.7 |
|     |   |              |            | J            | -0.1 | 0.1  | -157.9 | -14.0  | 1117.8 | -0.7   | -0.7 |
|     |   |              | perm       | I            | -0.2 | 0.1  | -52.7  | -18.0  | 314.7  | -0.7   | -0.7 |
|     |   |              |            | CNT          | -0.2 | 0.1  | -49.9  | -18.0  | 327.5  | -0.7   | -0.7 |
|     |   |              |            | J            | -0.2 | 0.1  | -47.2  | -18.0  | 339.7  | -0.8   | -0.8 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |        |        |        |        |      |
| 477 | 1 | 1            | c mobili   | Max          | I    | 2.0  | 0.9    | 71.8   | 86.1   | 1006.3 | 5.0  |
|     |   |              |            | CNT          | 2.0  | 0.9  | 71.8   | 86.1   | 1027.4 | 4.9    | 4.9  |
|     |   |              |            | J            | 2.0  | 0.9  | 71.8   | 86.1   | 1064.5 | 4.9    | 4.9  |
|     |   |              | Min        | I            | -3.1 | -1.4 | -198.6 | -103.1 | -42.0  | -42.0  | -5.1 |
|     |   |              |            | CNT          | -3.1 | -1.4 | -198.6 | -103.1 | -41.1  | -41.1  | -5.0 |
|     |   |              |            | J            | -3.1 | -1.4 | -198.6 | -103.1 | -40.3  | -40.3  | -4.9 |
|     |   |              | pp         | I            | -0.1 | 0.1  | -158.4 | -14.0  | 1117.8 | -0.7   | -0.7 |
|     |   |              |            | CNT          | -0.1 | 0.1  | -151.5 | -13.5  | 1156.5 | -0.7   | -0.7 |

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|     |   |              |            |              |      |        |        |        |        |      |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|--------|------|
|     |   |              | J          | -0.1         | 0.1  | -144.6 | -12.9  | 1193.5 | -0.7   |      |
|     |   | perm         | I          | -0.2         | 0.1  | -48.5  | -16.7  | 339.5  | -0.8   |      |
|     |   |              | CNT        | -0.2         | 0.1  | -45.7  | -16.7  | 351.3  | -0.8   |      |
|     |   |              | J          | -0.2         | 0.1  | -43.0  | -16.7  | 362.4  | -0.8   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 478 | 1 | 1 c mobili   | Max        | I            | 2.0  | 0.9    | 76.9   | 81.3   | 1064.2 | 5.2  |
|     |   |              |            | CNT          | 2.0  | 0.9    | 76.9   | 81.3   | 1083.2 | 5.1  |
|     |   |              |            | J            | 2.0  | 0.9    | 76.9   | 81.3   | 1116.6 | 5.2  |
|     |   |              | Min        | I            | -3.2 | -1.4   | -191.6 | -97.0  | -40.3  | -5.3 |
|     |   |              |            | CNT          | -3.2 | -1.4   | -191.6 | -97.0  | -39.5  | -5.2 |
|     |   |              |            | J            | -3.2 | -1.4   | -191.6 | -97.0  | -38.7  | -5.2 |
|     |   |              | pp         | I            | -0.1 | 0.1    | -145.1 | -12.9  | 1193.4 | -0.7 |
|     |   |              |            | CNT          | -0.1 | 0.1    | -138.2 | -12.3  | 1228.9 | -0.7 |
|     |   |              |            | J            | -0.1 | 0.1    | -131.4 | -11.8  | 1262.6 | -0.7 |
|     |   | perm         | I          | -0.2         | 0.1  | -44.4  | -15.4  | 362.3  | -0.8   |      |
|     |   |              | CNT        | -0.2         | 0.1  | -41.6  | -15.4  | 373.1  | -0.8   |      |
|     |   |              | J          | -0.2         | 0.1  | -38.9  | -15.4  | 383.1  | -0.9   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 479 | 1 | 1 c mobili   | Max        | I            | 2.1  | 0.9    | 81.6   | 76.4   | 1116.3 | 5.3  |
|     |   |              |            | CNT          | 2.1  | 0.9    | 81.6   | 76.4   | 1133.2 | 5.2  |
|     |   |              |            | J            | 2.1  | 0.9    | 81.6   | 76.4   | 1162.9 | 5.4  |
|     |   |              | Min        | I            | -3.3 | -1.3   | -184.9 | -90.4  | -38.7  | -5.6 |
|     |   |              |            | CNT          | -3.3 | -1.3   | -184.9 | -90.4  | -37.9  | -5.5 |
|     |   |              |            | J            | -3.3 | -1.3   | -184.9 | -90.4  | -37.1  | -5.4 |
|     |   |              | pp         | I            | -0.1 | 0.1    | -131.9 | -11.7  | 1262.5 | -0.7 |
|     |   |              |            | CNT          | -0.1 | 0.1    | -125.0 | -11.2  | 1294.6 | -0.7 |
|     |   |              |            | J            | -0.1 | 0.1    | -118.1 | -10.6  | 1325.0 | -0.8 |
|     |   | perm         | I          | -0.2         | 0.1  | -40.3  | -14.0  | 383.0  | -0.9   |      |
|     |   |              | CNT        | -0.2         | 0.1  | -37.6  | -14.0  | 392.8  | -0.9   |      |
|     |   |              | J          | -0.2         | 0.1  | -34.8  | -14.0  | 401.8  | -0.9   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 480 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.0    | 86.3   | 71.4   | 1162.6 | 5.5  |
|     |   |              |            | CNT          | 2.1  | 1.0    | 86.3   | 71.4   | 1177.5 | 5.3  |
|     |   |              |            | J            | 2.1  | 1.0    | 86.3   | 71.4   | 1203.8 | 5.5  |
|     |   |              | Min        | I            | -3.4 | -1.3   | -178.5 | -84.4  | -37.1  | -5.7 |
|     |   |              |            | CNT          | -3.4 | -1.3   | -178.5 | -84.4  | -36.4  | -5.6 |
|     |   |              |            | J            | -3.4 | -1.3   | -178.5 | -84.4  | -35.6  | -5.6 |
|     |   |              | pp         | I            | -0.1 | 0.1    | -118.7 | -10.6  | 1324.9 | -0.7 |
|     |   |              |            | CNT          | -0.1 | 0.1    | -111.8 | -10.0  | 1353.7 | -0.8 |
|     |   |              |            | J            | -0.1 | 0.1    | -104.9 | -9.4   | 1380.8 | -0.8 |
|     |   | perm         | I          | -0.1         | 0.1  | -36.3  | -12.6  | 401.7  | -0.9   |      |
|     |   |              | CNT        | -0.1         | 0.1  | -33.5  | -12.6  | 410.4  | -0.9   |      |
|     |   |              | J          | -0.1         | 0.1  | -30.8  | -12.6  | 418.5  | -0.9   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 481 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.0    | 91.5   | 66.5   | 1203.6 | 5.5  |
|     |   |              |            | CNT          | 2.1  | 1.0    | 91.5   | 66.5   | 1216.3 | 5.4  |
|     |   |              |            | J            | 2.1  | 1.0    | 91.5   | 66.5   | 1239.3 | 5.6  |
|     |   |              | Min        | I            | -3.5 | -1.2   | -172.2 | -78.8  | -35.6  | -5.9 |
|     |   |              |            | CNT          | -3.5 | -1.2   | -172.2 | -78.8  | -34.8  | -5.8 |
|     |   |              |            | J            | -3.5 | -1.2   | -172.2 | -78.8  | -34.1  | -5.7 |
|     |   |              | pp         | I            | -0.1 | 0.0    | -105.5 | -9.4   | 1380.8 | -0.8 |
|     |   |              |            | CNT          | -0.1 | 0.0    | -98.6  | -8.8   | 1406.3 | -0.8 |
|     |   |              |            | J            | -0.1 | 0.0    | -91.7  | -8.3   | 1430.1 | -0.8 |
|     |   | perm         | I          | -0.1         | 0.1  | -32.3  | -11.2  | 418.4  | -0.9   |      |
|     |   |              | CNT        | -0.1         | 0.1  | -29.5  | -11.2  | 426.1  | -0.9   |      |
|     |   |              | J          | -0.1         | 0.1  | -26.8  | -11.2  | 433.1  | -1.0   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 482 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.0    | 96.6   | 61.6   | 1239.1 | 5.6  |
|     |   |              |            | CNT          | 2.1  | 1.0    | 96.6   | 61.6   | 1250.0 | 5.5  |
|     |   |              |            | J            | 2.1  | 1.0    | 96.6   | 61.6   | 1269.6 | 5.7  |
|     |   |              | Min        | I            | -3.6 | -1.2   | -166.2 | -73.1  | -34.1  | -6.0 |

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|     |   |              |            |              |      |        |        |        |        |      |
|-----|---|--------------|------------|--------------|------|--------|--------|--------|--------|------|
|     |   |              | CNT        | -3.6         | -1.2 | -166.2 | -73.1  | -33.3  | -5.9   |      |
|     |   |              | J          | -3.6         | -1.2 | -166.2 | -73.1  | -32.6  | -5.9   |      |
|     |   | pp           | I          | -0.1         | 0.0  | -92.3  | -8.2   | 1430.0 | -0.8   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -85.4  | -7.7   | 1452.2 | -0.8   |      |
|     |   |              | J          | -0.1         | 0.0  | -78.6  | -7.1   | 1472.7 | -0.8   |      |
|     |   | perm         | I          | -0.1         | 0.1  | -28.3  | -9.7   | 433.1  | -0.9   |      |
|     |   |              | CNT        | -0.1         | 0.1  | -25.5  | -9.7   | 439.8  | -1.0   |      |
|     |   |              | J          | -0.1         | 0.1  | -22.8  | -9.7   | 445.8  | -1.0   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 483 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.0    | 101.7  | 56.8   | 1269.4 | 5.7  |
|     |   |              |            | CNT          | 2.1  | 1.0    | 101.7  | 56.8   | 1278.5 | 5.6  |
|     |   |              |            | J            | 2.1  | 1.0    | 101.7  | 56.8   | 1294.9 | 5.7  |
|     |   |              | Min        | I            | -3.6 | -1.2   | -160.3 | -67.4  | -32.6  | -6.1 |
|     |   |              |            | CNT          | -3.6 | -1.2   | -160.3 | -67.4  | -31.9  | -6.0 |
|     |   |              |            | J            | -3.6 | -1.2   | -160.3 | -67.4  | -31.2  | -6.0 |
|     |   | pp           | I          | -0.1         | 0.0  | -79.1  | -7.0   | 1472.7 | -0.8   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -72.3  | -6.5   | 1491.6 | -0.8   |      |
|     |   |              | J          | -0.1         | 0.0  | -65.4  | -5.9   | 1508.8 | -0.8   |      |
|     |   | perm         | I          | -0.1         | 0.0  | -24.3  | -8.3   | 445.8  | -1.0   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -21.6  | -8.3   | 451.5  | -1.0   |      |
|     |   |              | J          | -0.1         | 0.0  | -18.8  | -8.3   | 456.6  | -1.0   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 484 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.0    | 106.6  | 51.9   | 1294.8 | 5.7  |
|     |   |              |            | CNT          | 2.1  | 1.0    | 106.6  | 51.9   | 1301.9 | 5.6  |
|     |   |              |            | J            | 2.1  | 1.0    | 106.6  | 51.9   | 1315.2 | 5.7  |
|     |   |              | Min        | I            | -3.6 | -1.2   | -154.5 | -61.6  | -31.2  | -6.2 |
|     |   |              |            | CNT          | -3.6 | -1.2   | -154.5 | -61.6  | -30.5  | -6.1 |
|     |   |              |            | J            | -3.6 | -1.2   | -154.5 | -61.6  | -29.8  | -6.1 |
|     |   | pp           | I          | -0.1         | 0.0  | -66.0  | -5.9   | 1508.8 | -0.8   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -59.1  | -5.3   | 1524.4 | -0.8   |      |
|     |   |              | J          | -0.1         | 0.0  | -52.2  | -4.7   | 1538.4 | -0.8   |      |
|     |   | perm         | I          | -0.1         | 0.0  | -20.4  | -6.8   | 456.5  | -1.0   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -17.6  | -6.8   | 461.3  | -1.0   |      |
|     |   |              | J          | -0.1         | 0.0  | -14.9  | -6.8   | 465.3  | -1.0   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 485 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.0    | 111.6  | 48.0   | 1315.1 | 5.7  |
|     |   |              |            | CNT          | 2.1  | 1.0    | 111.6  | 48.0   | 1320.4 | 5.6  |
|     |   |              |            | J            | 2.1  | 1.0    | 111.6  | 48.0   | 1330.7 | 5.7  |
|     |   |              | Min        | I            | -3.7 | -1.1   | -148.8 | -56.1  | -29.8  | -6.3 |
|     |   |              |            | CNT          | -3.7 | -1.1   | -148.8 | -56.1  | -29.1  | -6.2 |
|     |   |              |            | J            | -3.7 | -1.1   | -148.8 | -56.1  | -28.4  | -6.2 |
|     |   | pp           | I          | -0.1         | 0.0  | -52.8  | -4.7   | 1538.3 | -0.8   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -46.0  | -4.1   | 1550.7 | -0.8   |      |
|     |   |              | J          | -0.1         | 0.0  | -39.1  | -3.6   | 1561.3 | -0.8   |      |
|     |   | perm         | I          | -0.1         | 0.0  | -16.5  | -5.3   | 465.3  | -1.0   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -13.7  | -5.3   | 469.1  | -1.0   |      |
|     |   |              | J          | -0.1         | 0.0  | -11.0  | -5.3   | 472.2  | -1.0   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |
| 486 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.1    | 116.6  | 44.6   | 1330.6 | 5.8  |
|     |   |              |            | CNT          | 2.1  | 1.1    | 116.6  | 44.6   | 1333.9 | 5.6  |
|     |   |              |            | J            | 2.1  | 1.1    | 116.6  | 44.6   | 1341.3 | 5.8  |
|     |   |              | Min        | I            | -3.7 | -1.1   | -143.2 | -50.7  | -28.4  | -6.3 |
|     |   |              |            | CNT          | -3.7 | -1.1   | -143.2 | -50.7  | -27.7  | -6.3 |
|     |   |              |            | J            | -3.7 | -1.1   | -143.2 | -50.7  | -27.1  | -6.3 |
|     |   | pp           | I          | -0.1         | 0.0  | -39.7  | -3.5   | 1561.3 | -0.8   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -32.8  | -2.9   | 1570.4 | -0.8   |      |
|     |   |              | J          | -0.1         | 0.0  | -26.0  | -2.4   | 1577.7 | -0.8   |      |
|     |   | perm         | I          | -0.1         | 0.0  | -12.5  | -3.8   | 472.1  | -1.0   |      |
|     |   |              | CNT        | -0.1         | 0.0  | -9.8   | -3.8   | 474.9  | -1.0   |      |
|     |   |              | J          | -0.1         | 0.0  | -7.0   | -3.8   | 477.0  | -1.0   |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0    | 0.0    | 0.0    | 0.0    |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |        |        |        |        |      |

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|     |   |            |      |     |      |      |       |        |        |       |      |
|-----|---|------------|------|-----|------|------|-------|--------|--------|-------|------|
| 487 | 1 | 1 c mobili | Max  | I   | 2.1  | 1.1  | 121.8 | 42.2   | 1341.2 | 5.8   |      |
|     |   |            |      | CNT | 2.1  | 1.1  | 121.8 | 42.2   | 1342.8 | 5.6   |      |
|     |   |            |      | J   | 2.1  | 1.1  | 121.8 | 42.2   | 1347.1 | 5.8   |      |
|     |   |            |      | Min | I    | -3.7 | -1.1  | -137.8 | -46.2  | -27.1 | -6.3 |
|     |   |            |      |     | CNT  | -3.7 | -1.1  | -137.8 | -46.2  | -26.4 | -6.3 |
|     |   |            |      |     | J    | -3.7 | -1.1  | -137.8 | -46.2  | -25.7 | -6.3 |
|     |   |            | pp   | I   | -0.1 | 0.0  | -26.6 | -2.3   | 1577.7 | -0.8  |      |
|     |   |            |      | CNT | -0.1 | 0.0  | -19.7 | -1.8   | 1583.5 | -0.8  |      |
|     |   |            |      | J   | -0.1 | 0.0  | -12.8 | -1.2   | 1587.5 | -0.8  |      |
|     |   |            | perm | I   | -0.1 | 0.0  | -8.6  | -2.3   | 477.0  | -1.0  |      |
|     |   |            |      | CNT | -0.1 | 0.0  | -5.9  | -2.3   | 478.8  | -1.0  |      |
|     |   |            |      | J   | -0.1 | 0.0  | -3.1  | -2.3   | 479.9  | -1.0  |      |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |

Length = 0.5 Type: Beam Section: cap

|     |   |            |      |     |      |      |       |        |        |       |      |
|-----|---|------------|------|-----|------|------|-------|--------|--------|-------|------|
| 488 | 1 | 1 c mobili | Max  | I   | 2.1  | 1.1  | 127.0 | 41.8   | 1347.0 | 5.8   |      |
|     |   |            |      | CNT | 2.1  | 1.1  | 127.0 | 41.8   | 1346.8 | 5.6   |      |
|     |   |            |      | J   | 2.1  | 1.1  | 127.0 | 41.8   | 1348.1 | 5.8   |      |
|     |   |            |      | Min | I    | -3.7 | -1.1  | -132.4 | -42.3  | -25.8 | -6.3 |
|     |   |            |      |     | CNT  | -3.7 | -1.1  | -132.4 | -42.3  | -25.1 | -6.3 |
|     |   |            |      |     | J    | -3.7 | -1.1  | -132.4 | -42.3  | -24.5 | -6.3 |
|     |   |            | pp   | I   | -0.0 | 0.0  | -13.4 | -1.1   | 1587.5 | -0.8  |      |
|     |   |            |      | CNT | -0.0 | 0.0  | -6.6  | -0.6   | 1590.0 | -0.8  |      |
|     |   |            |      | J   | -0.0 | 0.0  | 0.3   | -0.0   | 1590.8 | -0.8  |      |
|     |   |            | perm | I   | -0.1 | 0.0  | -4.7  | -0.8   | 479.9  | -1.0  |      |
|     |   |            |      | CNT | -0.1 | 0.0  | -2.0  | -0.8   | 480.8  | -1.0  |      |
|     |   |            |      | J   | -0.1 | 0.0  | 0.8   | -0.8   | 480.9  | -1.0  |      |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |

Length = 0.5 Type: Beam Section: cap

|     |   |            |      |     |      |      |       |        |        |       |      |
|-----|---|------------|------|-----|------|------|-------|--------|--------|-------|------|
| 489 | 1 | 1 c mobili | Max  | I   | 2.1  | 1.1  | 132.4 | 42.3   | 1348.1 | 5.8   |      |
|     |   |            |      | CNT | 2.1  | 1.1  | 132.4 | 42.3   | 1346.8 | 5.6   |      |
|     |   |            |      | J   | 2.1  | 1.1  | 132.4 | 42.3   | 1347.0 | 5.8   |      |
|     |   |            |      | Min | I    | -3.7 | -1.1  | -127.0 | -41.8  | -24.5 | -6.3 |
|     |   |            |      |     | CNT  | -3.7 | -1.1  | -127.0 | -41.8  | -25.1 | -6.3 |
|     |   |            |      |     | J    | -3.7 | -1.1  | -127.0 | -41.8  | -25.8 | -6.3 |
|     |   |            | pp   | I   | -0.0 | -0.0 | -0.3  | 0.0    | 1590.8 | -0.8  |      |
|     |   |            |      | CNT | -0.0 | -0.0 | 6.6   | 0.6    | 1590.0 | -0.8  |      |
|     |   |            |      | J   | -0.0 | -0.0 | 13.4  | 1.1    | 1587.5 | -0.8  |      |
|     |   |            | perm | I   | -0.1 | -0.0 | -0.8  | 0.8    | 480.9  | -1.0  |      |
|     |   |            |      | CNT | -0.1 | -0.0 | 2.0   | 0.8    | 480.8  | -1.0  |      |
|     |   |            |      | J   | -0.1 | -0.0 | 4.7   | 0.8    | 479.9  | -1.0  |      |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |

Length = 0.5 Type: Beam Section: cap

|     |   |            |      |     |      |      |       |        |        |       |      |
|-----|---|------------|------|-----|------|------|-------|--------|--------|-------|------|
| 490 | 1 | 1 c mobili | Max  | I   | 2.1  | 1.1  | 137.8 | 46.2   | 1347.1 | 5.8   |      |
|     |   |            |      | CNT | 2.1  | 1.1  | 137.8 | 46.2   | 1342.8 | 5.6   |      |
|     |   |            |      | J   | 2.1  | 1.1  | 137.8 | 46.2   | 1341.2 | 5.8   |      |
|     |   |            |      | Min | I    | -3.7 | -1.1  | -121.8 | -42.2  | -25.7 | -6.3 |
|     |   |            |      |     | CNT  | -3.7 | -1.1  | -121.8 | -42.2  | -26.4 | -6.3 |
|     |   |            |      |     | J    | -3.7 | -1.1  | -121.8 | -42.2  | -27.1 | -6.3 |
|     |   |            | pp   | I   | -0.1 | -0.0 | 12.8  | 1.2    | 1587.5 | -0.8  |      |
|     |   |            |      | CNT | -0.1 | -0.0 | 19.7  | 1.8    | 1583.5 | -0.8  |      |
|     |   |            |      | J   | -0.1 | -0.0 | 26.6  | 2.3    | 1577.7 | -0.8  |      |
|     |   |            | perm | I   | -0.1 | -0.0 | 3.1   | 2.3    | 479.9  | -1.0  |      |
|     |   |            |      | CNT | -0.1 | -0.0 | 5.9   | 2.3    | 478.8  | -1.0  |      |
|     |   |            |      | J   | -0.1 | -0.0 | 8.6   | 2.3    | 477.0  | -1.0  |      |
|     |   |            | acc  | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |
|     |   |            |      | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0    | 0.0   |      |

Length = 0.5 Type: Beam Section: cap

|     |   |            |      |     |      |      |       |        |        |       |      |
|-----|---|------------|------|-----|------|------|-------|--------|--------|-------|------|
| 491 | 1 | 1 c mobili | Max  | I   | 2.1  | 1.1  | 143.2 | 50.7   | 1341.3 | 5.8   |      |
|     |   |            |      | CNT | 2.1  | 1.1  | 143.2 | 50.7   | 1333.9 | 5.6   |      |
|     |   |            |      | J   | 2.1  | 1.1  | 143.2 | 50.7   | 1330.6 | 5.8   |      |
|     |   |            |      | Min | I    | -3.7 | -1.1  | -116.6 | -44.6  | -27.1 | -6.3 |
|     |   |            |      |     | CNT  | -3.7 | -1.1  | -116.6 | -44.6  | -27.7 | -6.3 |
|     |   |            |      |     | J    | -3.7 | -1.1  | -116.6 | -44.6  | -28.4 | -6.3 |
|     |   |            | pp   | I   | -0.1 | -0.0 | 26.0  | 2.4    | 1577.7 | -0.8  |      |
|     |   |            |      | CNT | -0.1 | -0.0 | 32.8  | 2.9    | 1570.4 | -0.8  |      |
|     |   |            |      | J   | -0.1 | -0.0 | 39.7  | 3.5    | 1561.3 | -0.8  |      |
|     |   |            | perm | I   | -0.1 | -0.0 | 7.0   | 3.8    | 477.0  | -1.0  |      |
|     |   |            |      | CNT | -0.1 | -0.0 | 9.8   | 3.8    | 474.9  | -1.0  |      |
|     |   |            |      | J   | -0.1 | -0.0 | 12.5  | 3.8    | 472.1  | -1.0  |      |

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|     |              |            |            |              |      |      |        |       |        |      |     |
|-----|--------------|------------|------------|--------------|------|------|--------|-------|--------|------|-----|
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0 |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0 |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0 |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |       |        |      |     |
| 492 | 1            | 1 c mobili | Max        | I            | 2.1  | 1.1  | 148.8  | 56.1  | 1330.7 | 5.7  |     |
|     |              |            |            | CNT          | 2.1  | 1.1  | 148.8  | 56.1  | 1320.4 | 5.6  |     |
|     |              |            |            | J            | 2.1  | 1.1  | 148.8  | 56.1  | 1315.1 | 5.7  |     |
|     |              |            | Min        | I            | -3.7 | -1.0 | -111.6 | -48.0 | -28.4  | -6.2 |     |
|     |              |            |            | CNT          | -3.7 | -1.0 | -111.6 | -48.0 | -29.1  | -6.2 |     |
|     |              |            |            | J            | -3.7 | -1.0 | -111.6 | -48.0 | -29.8  | -6.3 |     |
|     |              |            | pp         | I            | -0.1 | -0.0 | 39.1   | 3.6   | 1561.3 | -0.8 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 46.0   | 4.1   | 1550.7 | -0.8 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 52.8   | 4.7   | 1538.3 | -0.8 |     |
|     |              |            | perm       | I            | -0.1 | -0.0 | 11.0   | 5.3   | 472.2  | -1.0 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 13.7   | 5.3   | 469.1  | -1.0 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 16.5   | 5.3   | 465.3  | -1.0 |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |       |        |      |     |
| 493 | 1            | 1 c mobili | Max        | I            | 2.1  | 1.2  | 154.5  | 61.6  | 1315.2 | 5.7  |     |
|     |              |            |            | CNT          | 2.1  | 1.2  | 154.5  | 61.6  | 1301.9 | 5.6  |     |
|     |              |            |            | J            | 2.1  | 1.2  | 154.5  | 61.6  | 1294.8 | 5.7  |     |
|     |              |            | Min        | I            | -3.6 | -1.0 | -106.6 | -51.9 | -29.8  | -6.1 |     |
|     |              |            |            | CNT          | -3.6 | -1.0 | -106.6 | -51.9 | -30.5  | -6.1 |     |
|     |              |            |            | J            | -3.6 | -1.0 | -106.6 | -51.9 | -31.2  | -6.2 |     |
|     |              |            | pp         | I            | -0.1 | -0.0 | 52.2   | 4.7   | 1538.4 | -0.8 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 59.1   | 5.3   | 1524.4 | -0.8 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 66.0   | 5.9   | 1508.8 | -0.8 |     |
|     |              |            | perm       | I            | -0.1 | -0.0 | 14.9   | 6.8   | 465.3  | -1.0 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 17.6   | 6.8   | 461.3  | -1.0 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 20.4   | 6.8   | 456.5  | -1.0 |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |       |        |      |     |
| 494 | 1            | 1 c mobili | Max        | I            | 2.1  | 1.2  | 160.3  | 67.4  | 1294.9 | 5.7  |     |
|     |              |            |            | CNT          | 2.1  | 1.2  | 160.3  | 67.4  | 1278.5 | 5.6  |     |
|     |              |            |            | J            | 2.1  | 1.2  | 160.3  | 67.4  | 1269.4 | 5.7  |     |
|     |              |            | Min        | I            | -3.6 | -1.0 | -101.7 | -56.8 | -31.2  | -6.0 |     |
|     |              |            |            | CNT          | -3.6 | -1.0 | -101.7 | -56.8 | -31.9  | -6.0 |     |
|     |              |            |            | J            | -3.6 | -1.0 | -101.7 | -56.8 | -32.6  | -6.1 |     |
|     |              |            | pp         | I            | -0.1 | -0.0 | 65.4   | 5.9   | 1508.8 | -0.8 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 72.3   | 6.5   | 1491.6 | -0.8 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 79.1   | 7.0   | 1472.7 | -0.8 |     |
|     |              |            | perm       | I            | -0.1 | -0.0 | 18.8   | 8.3   | 456.6  | -1.0 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 21.6   | 8.3   | 451.5  | -1.0 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 24.3   | 8.3   | 445.8  | -1.0 |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |       |        |      |     |
| 495 | 1            | 1 c mobili | Max        | I            | 2.1  | 1.2  | 166.2  | 73.1  | 1269.6 | 5.7  |     |
|     |              |            |            | CNT          | 2.1  | 1.2  | 166.2  | 73.1  | 1250.0 | 5.5  |     |
|     |              |            |            | J            | 2.1  | 1.2  | 166.2  | 73.1  | 1239.1 | 5.6  |     |
|     |              |            | Min        | I            | -3.6 | -1.0 | -96.6  | -61.6 | -32.6  | -5.9 |     |
|     |              |            |            | CNT          | -3.6 | -1.0 | -96.6  | -61.6 | -33.3  | -5.9 |     |
|     |              |            |            | J            | -3.6 | -1.0 | -96.6  | -61.6 | -34.1  | -6.0 |     |
|     |              |            | pp         | I            | -0.1 | -0.0 | 78.6   | 7.1   | 1472.7 | -0.8 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 85.4   | 7.7   | 1452.2 | -0.8 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 92.3   | 8.2   | 1430.0 | -0.8 |     |
|     |              |            | perm       | I            | -0.1 | -0.1 | 22.8   | 9.7   | 445.8  | -1.0 |     |
|     |              |            |            | CNT          | -0.1 | -0.1 | 25.5   | 9.7   | 439.8  | -1.0 |     |
|     |              |            |            | J            | -0.1 | -0.1 | 28.3   | 9.7   | 433.1  | -0.9 |     |
|     |              |            | acc        | I            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | CNT          | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     |              |            |            | J            | 0.0  | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |      |      |        |       |        |      |     |
| 496 | 1            | 1 c mobili | Max        | I            | 2.1  | 1.2  | 172.2  | 78.8  | 1239.3 | 5.6  |     |
|     |              |            |            | CNT          | 2.1  | 1.2  | 172.2  | 78.8  | 1216.3 | 5.4  |     |
|     |              |            |            | J            | 2.1  | 1.2  | 172.2  | 78.8  | 1203.6 | 5.5  |     |
|     |              |            | Min        | I            | -3.5 | -1.0 | -91.5  | -66.5 | -34.1  | -5.7 |     |
|     |              |            |            | CNT          | -3.5 | -1.0 | -91.5  | -66.5 | -34.8  | -5.8 |     |
|     |              |            |            | J            | -3.5 | -1.0 | -91.5  | -66.5 | -35.6  | -5.9 |     |
|     |              |            | pp         | I            | -0.1 | -0.0 | 91.7   | 8.3   | 1430.1 | -0.8 |     |
|     |              |            |            | CNT          | -0.1 | -0.0 | 98.6   | 8.8   | 1406.3 | -0.8 |     |
|     |              |            |            | J            | -0.1 | -0.0 | 105.5  | 9.4   | 1380.8 | -0.8 |     |

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|     |   |              |            |              |      |      |       |       |        |      |
|-----|---|--------------|------------|--------------|------|------|-------|-------|--------|------|
|     |   |              | perm       | I            | -0.1 | -0.1 | 26.8  | 11.2  | 433.1  | -1.0 |
|     |   |              |            | CNT          | -0.1 | -0.1 | 29.5  | 11.2  | 426.1  | -0.9 |
|     |   |              |            | J            | -0.1 | -0.1 | 32.3  | 11.2  | 418.4  | -0.9 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 497 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.3  | 178.5 | 84.4  | 1203.8 | 5.5  |
|     |   |              |            | CNT          | 2.1  | 1.3  | 178.5 | 84.4  | 1177.5 | 5.3  |
|     |   |              |            | J            | 2.1  | 1.3  | 178.5 | 84.4  | 1162.6 | 5.5  |
|     |   |              | Min        | I            | -3.4 | -1.0 | -86.3 | -71.4 | -35.6  | -5.6 |
|     |   |              |            | CNT          | -3.4 | -1.0 | -86.3 | -71.4 | -36.4  | -5.6 |
|     |   |              |            | J            | -3.4 | -1.0 | -86.3 | -71.4 | -37.1  | -5.7 |
|     |   |              | pp         | I            | -0.1 | -0.1 | 104.9 | 9.4   | 1380.8 | -0.8 |
|     |   |              |            | CNT          | -0.1 | -0.1 | 111.8 | 10.0  | 1353.7 | -0.8 |
|     |   |              |            | J            | -0.1 | -0.1 | 118.7 | 10.6  | 1324.9 | -0.7 |
|     |   |              | perm       | I            | -0.1 | -0.1 | 30.8  | 12.6  | 418.5  | -0.9 |
|     |   |              |            | CNT          | -0.1 | -0.1 | 33.5  | 12.6  | 410.4  | -0.9 |
|     |   |              |            | J            | -0.1 | -0.1 | 36.3  | 12.6  | 401.7  | -0.9 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 498 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.3  | 184.9 | 90.4  | 1162.9 | 5.4  |
|     |   |              |            | CNT          | 2.1  | 1.3  | 184.9 | 90.4  | 1133.2 | 5.2  |
|     |   |              |            | J            | 2.1  | 1.3  | 184.9 | 90.4  | 1116.3 | 5.3  |
|     |   |              | Min        | I            | -3.3 | -0.9 | -81.6 | -76.4 | -37.1  | -5.4 |
|     |   |              |            | CNT          | -3.3 | -0.9 | -81.6 | -76.4 | -37.9  | -5.5 |
|     |   |              |            | J            | -3.3 | -0.9 | -81.6 | -76.4 | -38.7  | -5.6 |
|     |   |              | pp         | I            | -0.1 | -0.1 | 118.1 | 10.6  | 1325.0 | -0.8 |
|     |   |              |            | CNT          | -0.1 | -0.1 | 125.0 | 11.2  | 1294.6 | -0.7 |
|     |   |              |            | J            | -0.1 | -0.1 | 131.9 | 11.7  | 1262.5 | -0.7 |
|     |   |              | perm       | I            | -0.2 | -0.1 | 34.8  | 14.0  | 401.8  | -0.9 |
|     |   |              |            | CNT          | -0.2 | -0.1 | 37.6  | 14.0  | 392.8  | -0.9 |
|     |   |              |            | J            | -0.2 | -0.1 | 40.3  | 14.0  | 383.0  | -0.9 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 499 | 1 | 1 c mobili   | Max        | I            | 2.0  | 1.4  | 191.6 | 97.0  | 1116.6 | 5.2  |
|     |   |              |            | CNT          | 2.0  | 1.4  | 191.6 | 97.0  | 1083.2 | 5.1  |
|     |   |              |            | J            | 2.0  | 1.4  | 191.6 | 97.0  | 1064.2 | 5.2  |
|     |   |              | Min        | I            | -3.2 | -0.9 | -76.9 | -81.3 | -38.7  | -5.2 |
|     |   |              |            | CNT          | -3.2 | -0.9 | -76.9 | -81.3 | -39.5  | -5.2 |
|     |   |              |            | J            | -3.2 | -0.9 | -76.9 | -81.3 | -40.3  | -5.3 |
|     |   |              | pp         | I            | -0.1 | -0.1 | 131.4 | 11.8  | 1262.6 | -0.7 |
|     |   |              |            | CNT          | -0.1 | -0.1 | 138.2 | 12.3  | 1228.9 | -0.7 |
|     |   |              |            | J            | -0.1 | -0.1 | 145.1 | 12.9  | 1193.4 | -0.7 |
|     |   |              | perm       | I            | -0.2 | -0.1 | 38.9  | 15.4  | 383.1  | -0.9 |
|     |   |              |            | CNT          | -0.2 | -0.1 | 41.6  | 15.4  | 373.1  | -0.8 |
|     |   |              |            | J            | -0.2 | -0.1 | 44.4  | 15.4  | 362.3  | -0.8 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 500 | 1 | 1 c mobili   | Max        | I            | 2.0  | 1.4  | 198.6 | 103.1 | 1064.5 | 4.9  |
|     |   |              |            | CNT          | 2.0  | 1.4  | 198.6 | 103.1 | 1027.4 | 4.9  |
|     |   |              |            | J            | 2.0  | 1.4  | 198.6 | 103.1 | 1006.3 | 5.0  |
|     |   |              | Min        | I            | -3.1 | -0.9 | -71.8 | -86.1 | -40.3  | -4.9 |
|     |   |              |            | CNT          | -3.1 | -0.9 | -71.8 | -86.1 | -41.1  | -5.0 |
|     |   |              |            | J            | -3.1 | -0.9 | -71.8 | -86.1 | -42.0  | -5.1 |
|     |   |              | pp         | I            | -0.1 | -0.1 | 144.6 | 12.9  | 1193.5 | -0.7 |
|     |   |              |            | CNT          | -0.1 | -0.1 | 151.5 | 13.5  | 1156.5 | -0.7 |
|     |   |              |            | J            | -0.1 | -0.1 | 158.4 | 14.0  | 1117.8 | -0.7 |
|     |   |              | perm       | I            | -0.2 | -0.1 | 43.0  | 16.7  | 362.4  | -0.8 |
|     |   |              |            | CNT          | -0.2 | -0.1 | 45.7  | 16.7  | 351.3  | -0.8 |
|     |   |              |            | J            | -0.2 | -0.1 | 48.5  | 16.7  | 339.5  | -0.8 |
|     |   |              | acc        | I            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | CNT          | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   |              |            | J            | 0.0  | 0.0  | 0.0   | 0.0   | 0.0    | 0.0  |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |      |       |       |        |      |
| 501 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.5  | 205.9 | 109.0 | 1006.6 | 4.6  |
|     |   |              |            | CNT          | 2.1  | 1.5  | 205.9 | 109.0 | 965.5  | 4.7  |
|     |   |              |            | J            | 2.1  | 1.5  | 205.9 | 109.0 | 942.2  | 4.8  |
|     |   |              | Min        | I            | -2.9 | -0.8 | -66.4 | -90.7 | -42.0  | -4.6 |
|     |   |              |            | CNT          | -2.9 | -0.8 | -66.4 | -90.7 | -42.8  | -4.7 |

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|     |   |              |            |              |      |       |       |        |       |      |
|-----|---|--------------|------------|--------------|------|-------|-------|--------|-------|------|
|     |   |              | J          | -2.9         | -0.8 | -66.4 | -90.7 | -43.6  | -4.8  |      |
|     |   | PP           | I          | -0.1         | -0.1 | 157.9 | 14.0  | 1117.8 | -0.7  |      |
|     |   |              | CNT        | -0.1         | -0.1 | 164.8 | 14.6  | 1077.5 | -0.7  |      |
|     |   |              | J          | -0.1         | -0.1 | 171.7 | 15.1  | 1035.4 | -0.7  |      |
|     |   | perm         | I          | -0.2         | -0.1 | 47.2  | 18.0  | 339.7  | -0.8  |      |
|     |   |              | CNT        | -0.2         | -0.1 | 49.9  | 18.0  | 327.5  | -0.7  |      |
|     |   |              | J          | -0.2         | -0.1 | 52.7  | 18.0  | 314.7  | -0.7  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |      |
| 502 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.5   | 213.5 | 114.4  | 942.5 | 4.4  |
|     |   |              |            | CNT          | 2.1  | 1.5   | 213.5 | 114.4  | 897.2 | 4.4  |
|     |   |              |            | J            | 2.1  | 1.5   | 213.5 | 114.4  | 871.6 | 4.5  |
|     |   |              | Min        | I            | -2.8 | -0.8  | -60.4 | -95.2  | -43.6 | -4.3 |
|     |   |              |            | CNT          | -2.8 | -0.8  | -60.4 | -95.2  | -44.5 | -4.4 |
|     |   |              |            | J            | -2.8 | -0.8  | -60.4 | -95.2  | -45.3 | -4.5 |
|     |   | PP           | I          | -0.1         | -0.1 | 171.3 | 15.1  | 1035.5 | -0.7  |      |
|     |   |              | CNT        | -0.1         | -0.1 | 178.1 | 15.7  | 991.9  | -0.6  |      |
|     |   |              | J          | -0.1         | -0.1 | 185.0 | 16.2  | 946.5  | -0.6  |      |
|     |   | perm         | I          | -0.2         | -0.1 | 51.4  | 19.2  | 314.8  | -0.7  |      |
|     |   |              | CNT        | -0.2         | -0.1 | 54.1  | 19.2  | 301.6  | -0.7  |      |
|     |   |              | J          | -0.2         | -0.1 | 56.9  | 19.2  | 287.8  | -0.6  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |      |
| 503 | 1 | 1 c mobili   | Max        | I            | 2.1  | 1.5   | 221.6 | 119.3  | 871.9 | 4.1  |
|     |   |              |            | CNT          | 2.1  | 1.5   | 221.6 | 119.3  | 822.0 | 4.1  |
|     |   |              |            | J            | 2.1  | 1.5   | 221.6 | 119.3  | 794.0 | 4.2  |
|     |   |              | Min        | I            | -2.5 | -0.8  | -53.9 | -99.5  | -45.4 | -4.0 |
|     |   |              |            | CNT          | -2.5 | -0.8  | -53.9 | -99.5  | -46.2 | -4.1 |
|     |   |              |            | J            | -2.5 | -0.8  | -53.9 | -99.5  | -47.1 | -4.2 |
|     |   | PP           | I          | -0.1         | -0.1 | 184.7 | 16.2  | 946.6  | -0.6  |      |
|     |   |              | CNT        | -0.1         | -0.1 | 191.5 | 16.8  | 899.5  | -0.6  |      |
|     |   |              | J          | -0.1         | -0.1 | 198.4 | 17.3  | 850.8  | -0.6  |      |
|     |   | perm         | I          | -0.2         | -0.1 | 55.7  | 20.3  | 287.9  | -0.6  |      |
|     |   |              | CNT        | -0.2         | -0.1 | 58.4  | 20.3  | 273.6  | -0.6  |      |
|     |   |              | J          | -0.2         | -0.1 | 61.2  | 20.3  | 258.7  | -0.6  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |      |
| 504 | 1 | 1 c mobili   | Max        | I            | 2.0  | 1.5   | 230.3 | 123.7  | 794.3 | 3.7  |
|     |   |              |            | CNT          | 2.0  | 1.5   | 230.3 | 123.7  | 739.5 | 3.8  |
|     |   |              |            | J            | 2.0  | 1.5   | 230.3 | 123.7  | 709.1 | 3.8  |
|     |   |              | Min        | I            | -2.3 | -0.8  | -46.7 | -103.3 | -47.1 | -3.6 |
|     |   |              |            | CNT          | -2.3 | -0.8  | -46.7 | -103.3 | -48.0 | -3.7 |
|     |   |              |            | J            | -2.3 | -0.8  | -46.7 | -103.3 | -48.8 | -3.8 |
|     |   | PP           | I          | -0.1         | -0.1 | 198.1 | 17.2  | 850.9  | -0.6  |      |
|     |   |              | CNT        | -0.1         | -0.1 | 205.0 | 17.8  | 800.5  | -0.5  |      |
|     |   |              | J          | -0.1         | -0.1 | 211.9 | 18.3  | 748.4  | -0.5  |      |
|     |   | perm         | I          | -0.1         | -0.1 | 60.1  | 21.3  | 258.8  | -0.6  |      |
|     |   |              | CNT        | -0.1         | -0.1 | 62.9  | 21.3  | 243.4  | -0.5  |      |
|     |   |              | J          | -0.1         | -0.1 | 65.6  | 21.3  | 227.4  | -0.5  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |      |
| 505 | 1 | 1 c mobili   | Max        | I            | 1.9  | 1.5   | 239.5 | 127.5  | 709.4 | 3.3  |
|     |   |              |            | CNT          | 1.9  | 1.5   | 239.5 | 127.5  | 650.1 | 3.4  |
|     |   |              |            | J            | 1.9  | 1.5   | 239.5 | 127.5  | 616.2 | 3.4  |
|     |   |              | Min        | I            | -2.1 | -0.7  | -38.9 | -106.6 | -48.9 | -3.3 |
|     |   |              |            | CNT          | -2.1 | -0.7  | -38.9 | -106.6 | -49.7 | -3.3 |
|     |   |              |            | J            | -2.1 | -0.7  | -38.9 | -106.6 | -50.6 | -3.5 |
|     |   | PP           | I          | -0.1         | -0.2 | 211.7 | 18.2  | 748.5  | -0.5  |      |
|     |   |              | CNT        | -0.1         | -0.2 | 218.6 | 18.7  | 694.7  | -0.5  |      |
|     |   |              | J          | -0.1         | -0.2 | 225.5 | 19.3  | 639.2  | -0.4  |      |
|     |   | perm         | I          | -0.1         | -0.1 | 64.6  | 22.2  | 227.5  | -0.5  |      |
|     |   |              | CNT        | -0.1         | -0.1 | 67.4  | 22.2  | 211.0  | -0.4  |      |
|     |   |              | J          | -0.1         | -0.1 | 70.1  | 22.2  | 193.8  | -0.4  |      |
|     |   | acc          | I          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | CNT        | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   |              | J          | 0.0          | 0.0  | 0.0   | 0.0   | 0.0    | 0.0   |      |
|     |   | Length = 0.5 | Type: Beam | Section: cap |      |       |       |        |       |      |

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|              |   |            |              |     |      |      |       |        |       |      |
|--------------|---|------------|--------------|-----|------|------|-------|--------|-------|------|
| 506          | 1 | 1 c mobili | Max          | I   | 1.8  | 1.4  | 249.4 | 130.5  | 616.5 | 2.9  |
|              |   |            |              | CNT | 1.8  | 1.4  | 249.4 | 130.5  | 554.5 | 2.9  |
|              |   |            |              | J   | 1.8  | 1.4  | 249.4 | 130.5  | 514.7 | 2.9  |
|              |   |            | Min          | I   | -1.8 | -0.8 | -30.2 | -109.1 | -50.6 | -2.9 |
|              |   |            |              | CNT | -1.8 | -0.8 | -30.2 | -109.1 | -51.5 | -3.0 |
|              |   |            |              | J   | -1.8 | -0.8 | -30.2 | -109.1 | -52.3 | -3.1 |
|              |   |            | pp           | I   | -0.0 | -0.2 | 225.4 | 19.0   | 639.3 | -0.4 |
|              |   |            |              | CNT | -0.0 | -0.2 | 232.3 | 19.6   | 582.1 | -0.4 |
|              |   |            |              | J   | -0.0 | -0.2 | 239.2 | 20.1   | 523.1 | -0.3 |
|              |   |            | perm         | I   | -0.1 | -0.1 | 69.3  | 23.0   | 194.0 | -0.4 |
|              |   |            |              | CNT | -0.1 | -0.1 | 72.1  | 23.0   | 176.3 | -0.3 |
|              |   |            |              | J   | -0.1 | -0.1 | 74.8  | 23.0   | 158.0 | -0.3 |
|              |   |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
| Length = 0.5 |   | Type: Beam | Section: cap |     |      |      |       |        |       |      |
| 507          | 1 | 1 c mobili | Max          | I   | 1.6  | 1.1  | 260.2 | 132.8  | 514.9 | 2.4  |
|              |   |            |              | CNT | 1.6  | 1.1  | 260.2 | 132.8  | 450.2 | 2.4  |
|              |   |            |              | J   | 1.6  | 1.1  | 260.2 | 132.8  | 403.8 | 2.4  |
|              |   |            | Min          | I   | -1.5 | -0.8 | -20.7 | -110.7 | -52.4 | -2.4 |
|              |   |            |              | CNT | -1.5 | -0.8 | -20.7 | -110.7 | -53.2 | -2.5 |
|              |   |            |              | J   | -1.5 | -0.8 | -20.7 | -110.7 | -54.1 | -2.7 |
|              |   |            | pp           | I   | 0.0  | -0.2 | 239.3 | 19.7   | 523.3 | -0.3 |
|              |   |            |              | CNT | 0.0  | -0.2 | 246.2 | 20.3   | 462.6 | -0.3 |
|              |   |            |              | J   | 0.0  | -0.2 | 253.1 | 20.8   | 400.2 | -0.2 |
|              |   |            | perm         | I   | -0.0 | -0.1 | 74.3  | 23.5   | 158.1 | -0.3 |
|              |   |            |              | CNT | -0.0 | -0.1 | 77.0  | 23.5   | 139.2 | -0.2 |
|              |   |            |              | J   | -0.0 | -0.1 | 79.8  | 23.5   | 119.6 | -0.2 |
|              |   |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
| Length = 0.5 |   | Type: Beam | Section: cap |     |      |      |       |        |       |      |
| 508          | 1 | 1 c mobili | Max          | I   | 1.3  | 0.9  | 271.8 | 134.1  | 404.0 | 1.9  |
|              |   |            |              | CNT | 1.3  | 0.9  | 271.8 | 134.1  | 336.2 | 1.9  |
|              |   |            |              | J   | 1.3  | 0.9  | 271.8 | 134.1  | 282.8 | 1.9  |
|              |   |            | Min          | I   | -1.2 | -1.0 | -13.1 | -110.9 | -54.1 | -2.1 |
|              |   |            |              | CNT | -1.2 | -1.0 | -13.1 | -110.9 | -54.9 | -2.2 |
|              |   |            |              | J   | -1.2 | -1.0 | -13.1 | -110.9 | -55.8 | -2.4 |
|              |   |            | pp           | I   | 0.1  | -0.2 | 253.5 | 20.2   | 400.3 | -0.2 |
|              |   |            |              | CNT | 0.1  | -0.2 | 260.3 | 20.8   | 336.1 | -0.1 |
|              |   |            |              | J   | 0.1  | -0.2 | 267.2 | 21.3   | 270.1 | -0.1 |
|              |   |            | perm         | I   | 0.0  | -0.1 | 79.5  | 23.7   | 119.8 | -0.1 |
|              |   |            |              | CNT | 0.0  | -0.1 | 82.3  | 23.7   | 99.5  | -0.1 |
|              |   |            |              | J   | 0.0  | -0.1 | 85.0  | 23.7   | 78.6  | -0.1 |
|              |   |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
| Length = 0.5 |   | Type: Beam | Section: cap |     |      |      |       |        |       |      |
| 509          | 1 | 1 c mobili | Max          | I   | 1.1  | 0.8  | 284.2 | 134.0  | 282.9 | 1.4  |
|              |   |            |              | CNT | 1.1  | 0.8  | 284.2 | 134.0  | 212.3 | 1.4  |
|              |   |            |              | J   | 1.1  | 0.8  | 284.2 | 134.0  | 152.9 | 1.4  |
|              |   |            | Min          | I   | -1.0 | -1.2 | -8.8  | -109.3 | -55.8 | -1.9 |
|              |   |            |              | CNT | -1.0 | -1.2 | -8.8  | -109.3 | -56.9 | -1.9 |
|              |   |            |              | J   | -1.0 | -1.2 | -8.8  | -109.3 | -59.4 | -1.9 |
|              |   |            | pp           | I   | 0.1  | -0.2 | 268.0 | 20.4   | 270.2 | -0.1 |
|              |   |            |              | CNT | 0.1  | -0.2 | 274.8 | 20.9   | 202.4 | -0.0 |
|              |   |            |              | J   | 0.1  | -0.2 | 281.7 | 21.5   | 132.8 | 0.0  |
|              |   |            | perm         | I   | 0.1  | -0.1 | 85.3  | 23.4   | 78.8  | -0.0 |
|              |   |            |              | CNT | 0.1  | -0.1 | 88.0  | 23.4   | 57.1  | -0.0 |
|              |   |            |              | J   | 0.1  | -0.1 | 90.8  | 23.4   | 34.8  | 0.0  |
|              |   |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
| Length = 0.5 |   | Type: Beam | Section: cap |     |      |      |       |        |       |      |
| 510          | 1 | 1 c mobili | Max          | I   | 0.9  | 0.7  | 296.9 | 132.2  | 152.7 | 1.0  |
|              |   |            |              | CNT | 0.9  | 0.7  | 296.9 | 132.2  | 92.7  | 1.0  |
|              |   |            |              | J   | 0.9  | 0.7  | 296.9 | 132.2  | 58.7  | 1.1  |
|              |   |            | Min          | I   | -0.9 | -1.5 | -9.1  | -105.0 | -59.3 | -1.6 |
|              |   |            |              | CNT | -0.9 | -1.5 | -9.1  | -105.0 | -65.6 | -1.4 |
|              |   |            |              | J   | -0.9 | -1.5 | -9.1  | -105.0 | -81.3 | -1.4 |
|              |   |            | pp           | I   | 0.1  | -0.2 | 283.0 | 20.1   | 132.9 | 0.0  |
|              |   |            |              | CNT | 0.1  | -0.2 | 289.9 | 20.6   | 61.3  | 0.1  |
|              |   |            |              | J   | 0.1  | -0.2 | 296.7 | 21.2   | -12.0 | 0.2  |
|              |   |            | perm         | I   | 0.1  | -0.1 | 91.7  | 22.5   | 34.9  | 0.1  |
|              |   |            |              | CNT | 0.1  | -0.1 | 94.4  | 22.5   | 11.7  | 0.1  |
|              |   |            |              | J   | 0.1  | -0.1 | 97.2  | 22.5   | -12.3 | 0.1  |
|              |   |            | acc          | I   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | CNT | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |
|              |   |            |              | J   | 0.0  | 0.0  | 0.0   | 0.0    | 0.0   | 0.0  |



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|     |               |            |                       |     |      |      |        |       |       |       |     |
|-----|---------------|------------|-----------------------|-----|------|------|--------|-------|-------|-------|-----|
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0 |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0 |
|     | Length = 0.5  | Type: Beam | Section: cap          |     |      |      |        |       |       |       |     |
| 511 | 1             | 1 c mobili | Max                   | I   | 0.7  | 0.6  | 87.2   | 127.7 | 57.8  | 0.7   |     |
|     |               |            |                       | CNT | 0.7  | 0.6  | 87.2   | 127.7 | 36.1  | 0.8   |     |
|     |               |            |                       | J   | 0.7  | 0.6  | 87.2   | 127.7 | 15.0  | 1.0   |     |
|     |               |            | Min                   | I   | -0.7 | -1.7 | -150.4 | -97.9 | -80.9 | -1.1  |     |
|     |               |            |                       | CNT | -0.7 | -1.7 | -150.4 | -97.9 | -43.4 | -1.0  |     |
|     |               |            |                       | J   | -0.7 | -1.7 | -150.4 | -97.9 | -18.6 | -1.0  |     |
|     |               |            |                       | PP  | I    | 0.1  | -0.2   | -27.3 | 19.0  | -11.9 | 0.1 |
|     |               |            |                       | CNT | 0.1  | -0.2 | -20.5  | 19.6  | -5.9  | 0.2   |     |
|     |               |            |                       | J   | 0.1  | -0.2 | -13.6  | 20.1  | -1.7  | 0.2   |     |
|     |               |            | perm                  | I   | 0.1  | -0.1 | -22.0  | 20.4  | -12.1 | 0.1   |     |
|     |               |            |                       | CNT | 0.1  | -0.1 | -19.3  | 20.4  | -7.0  | 0.1   |     |
|     |               |            |                       | J   | 0.1  | -0.1 | -16.5  | 20.4  | -2.5  | 0.1   |     |
|     |               |            | acc                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     | Length = 0.5  | Type: Beam | Section: cap          |     |      |      |        |       |       |       |     |
| 512 | 2             | 4 c mobili | Max                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | Min                   | I   | 0.0  | 0.0  | -0.1   | 0.0   | -0.0  | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | -0.1   | 0.0   | -0.0  | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | PP  | I    | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0 |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | perm                  | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | acc                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     | Length = 1.25 | Type: Beam | Section: traverso cap |     |      |      |        |       |       |       |     |
| 513 | 2             | 3 c mobili | Max                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | Min                   | I   | 0.0  | 0.0  | -0.2   | 0.0   | -0.1  | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | -0.2   | 0.0   | -0.0  | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | PP  | I    | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0 |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | perm                  | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | acc                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     | Length = 1.25 | Type: Beam | Section: soletta      |     |      |      |        |       |       |       |     |
| 514 | 2             | 3 c mobili | Max                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | Min                   | I   | 0.0  | 0.0  | -0.2   | 0.0   | -0.1  | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | -0.2   | 0.0   | -0.0  | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | PP  | I    | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0 |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | perm                  | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | acc                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     | Length = 1.25 | Type: Beam | Section: soletta      |     |      |      |        |       |       |       |     |
| 515 | 2             | 3 c mobili | Max                   | I   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            | Min                   | I   | 0.0  | 0.0  | -0.2   | 0.0   | -0.1  | 0.0   |     |
|     |               |            |                       | CNT | 0.0  | 0.0  | -0.2   | 0.0   | -0.0  | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | PP  | I    | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   | 0.0 |
|     |               |            |                       | CNT | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |
|     |               |            |                       | J   | 0.0  | 0.0  | 0.0    | 0.0   | 0.0   | 0.0   |     |

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|     |   |            |                                                     |     |     |     |      |     |      |     |     |
|-----|---|------------|-----------------------------------------------------|-----|-----|-----|------|-----|------|-----|-----|
|     |   |            | perm                                                | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25      Type: Beam      Section: soletta |     |     |     |      |     |      |     |     |
| 516 | 2 | 3 c mobili | Max                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min                                                 | I   | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP                                                  | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm                                                | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25      Type: Beam      Section: soletta |     |     |     |      |     |      |     |     |
| 517 | 2 | 3 c mobili | Max                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min                                                 | I   | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP                                                  | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm                                                | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25      Type: Beam      Section: soletta |     |     |     |      |     |      |     |     |
| 518 | 2 | 3 c mobili | Max                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min                                                 | I   | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP                                                  | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm                                                | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25      Type: Beam      Section: soletta |     |     |     |      |     |      |     |     |
| 519 | 2 | 3 c mobili | Max                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min                                                 | I   | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP                                                  | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm                                                | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25      Type: Beam      Section: soletta |     |     |     |      |     |      |     |     |
| 520 | 2 | 3 c mobili | Max                                                 | I   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min                                                 | I   | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |                                                     | CNT | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |                                                     | J   | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |

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|     |   |               |            |                  |     |     |      |     |      |     |     |
|-----|---|---------------|------------|------------------|-----|-----|------|-----|------|-----|-----|
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 521 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 522 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 523 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 524 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 525 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |

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|     |   |            |               |            |                  |     |      |     |      |     |     |
|-----|---|------------|---------------|------------|------------------|-----|------|-----|------|-----|-----|
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |     |
| 526 | 2 | 3 c mobili | Max           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |     |
| 527 | 2 | 3 c mobili | Max           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |     |
| 528 | 2 | 3 c mobili | Max           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |     |
| 529 | 2 | 3 c mobili | Max           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | PP            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |

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|     |               |            |                  |     |     |      |     |      |     |
|-----|---------------|------------|------------------|-----|-----|------|-----|------|-----|
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |
| 530 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |
| 531 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |
| 532 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |
| 533 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |
| 534 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |

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|     |   |               |            |                  |     |     |      |     |      |     |     |
|-----|---|---------------|------------|------------------|-----|-----|------|-----|------|-----|-----|
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | acc           |            | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 535 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | PP               | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 536 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | PP               | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 537 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | PP               | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 538 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | PP               | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |     |     |
| 539 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |

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|     |   |            |     |                                                 |     |     |      |     |      |     |     |
|-----|---|------------|-----|-------------------------------------------------|-----|-----|------|-----|------|-----|-----|
|     |   |            |     | PP                                              | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | perm                                            | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | acc                                             | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | Length = 1.25    Type: Beam    Section: soletta |     |     |      |     |      |     |     |
| 540 | 2 | 3 c mobili | Max | I                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min | I                                               | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | PP                                              | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | perm                                            | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | acc                                             | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | Length = 1.25    Type: Beam    Section: soletta |     |     |      |     |      |     |     |
| 541 | 2 | 3 c mobili | Max | I                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min | I                                               | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | PP                                              | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | perm                                            | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | acc                                             | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | Length = 1.25    Type: Beam    Section: soletta |     |     |      |     |      |     |     |
| 542 | 2 | 3 c mobili | Max | I                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min | I                                               | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | PP                                              | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | perm                                            | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | acc                                             | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | Length = 1.25    Type: Beam    Section: soletta |     |     |      |     |      |     |     |
| 543 | 2 | 3 c mobili | Max | I                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            | Min | I                                               | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 | 0.0 |
|     |   |            |     | J                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | PP                                              | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | perm                                            | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | acc                                             | I   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | CNT | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     |                                                 | J   | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | Length = 1.25    Type: Beam    Section: soletta |     |     |      |     |      |     |     |
| 544 | 2 | 3 c mobili | Max | I                                               | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |            |     | CNT                                             | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 | 0.0 |

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|     |   |               |            |                  |     |      |     |      |     |
|-----|---|---------------|------------|------------------|-----|------|-----|------|-----|
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |
| 545 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |
| 546 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |
| 547 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |      |     |      |     |
| 548 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -0.2 | 0.0 | -0.1 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2 | 0.0 | -0.0 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0  | 0.0 | 0.0  | 0.0 |



|               |     |            |               |                  |            |                  |                  |     |      |     |     |     |     |
|---------------|-----|------------|---------------|------------------|------------|------------------|------------------|-----|------|-----|-----|-----|-----|
| Length = 1.25 |     | Type: Beam |               | Section: soletta |            |                  |                  |     |      |     |     |     |     |
| 549           | 2   | 3 c mobili | Max           | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min           | I                | 0.0        | 0.0              | -0.2             | 0.0 | -0.1 | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | -0.2             | 0.0 | -0.0 | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | PP            | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm          | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | acc           | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Length = 1.25 |                  | Type: Beam |                  | Section: soletta |     |      |     |     |     |     |
|               |     |            | 550           | 2                | 3 c mobili | Max              | I                | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
| J             | 0.0 | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| Min           | I   | 0.0        |               |                  |            | 0.0              | -0.2             | 0.0 | -0.1 | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | -0.2             | 0.0 | -0.0 | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| PP            | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| perm          | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| acc           | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| Length = 1.25 |     | Type: Beam |               |                  |            | Section: soletta |                  |     |      |     |     |     |     |
| 551           | 2   | 3 c mobili |               |                  |            | Max              | I                | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            | J             | 0.0              | 0.0        |                  | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min           | I                | 0.0        | 0.0              | -0.2             | 0.0 | -0.1 | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | -0.2             | 0.0 | -0.0 | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | PP            | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm          | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | acc           | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Length = 1.25 |                  | Type: Beam |                  | Section: soletta |     |      |     |     |     |     |
|               |     |            | 552           | 2                | 3 c mobili | Max              | I                | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
| J             | 0.0 | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| Min           | I   | 0.0        |               |                  |            | 0.0              | -0.2             | 0.0 | -0.1 | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | -0.2             | 0.0 | -0.0 | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| PP            | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| perm          | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| acc           | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
| Length = 1.25 |     | Type: Beam |               |                  |            | Section: soletta |                  |     |      |     |     |     |     |
| 553           | 2   | 3 c mobili |               |                  |            | Max              | I                | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            | J             | 0.0              | 0.0        |                  | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min           | I                | 0.0        | 0.0              | -0.2             | 0.0 | -0.1 | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | -0.2             | 0.0 | -0.0 | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | PP            | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm          | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0  | 0.0 |     |     |     |

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|     |   |               |            |                  |     |     |      |     |      |
|-----|---|---------------|------------|------------------|-----|-----|------|-----|------|
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |
| 554 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |
| 555 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |
| 556 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |
| 557 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.2 | 0.0 | -0.1 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2 | 0.0 | -0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |      |     |      |
| 558 | 2 | 4 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | -0.1 | 0.0 | -0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.1 | 0.0 | -0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0  |

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|     |   |               |            |                        |     |     |     |     |      |     |     |
|-----|---|---------------|------------|------------------------|-----|-----|-----|-----|------|-----|-----|
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | perm          |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | acc           |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: trasverso cap |     |     |     |     |      |     |     |
| 559 | 2 | 4 c mobili    | Max        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.3 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.3 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               | pp         | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | perm          |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | acc           |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: trasverso cap |     |     |     |     |      |     |     |
| 560 | 2 | 3 c mobili    | Max        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 | 0.0 |
|     |   |               | pp         | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | perm          |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | acc           |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta       |     |     |     |     |      |     |     |
| 561 | 2 | 3 c mobili    | Max        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 | 0.0 |
|     |   |               | pp         | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | perm          |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | acc           |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta       |     |     |     |     |      |     |     |
| 562 | 2 | 3 c mobili    | Max        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 | 0.0 |
|     |   |               | pp         | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | perm          |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | acc           |            | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta       |     |     |     |     |      |     |     |
| 563 | 2 | 3 c mobili    | Max        | I                      | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT                    | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                      | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 | 0.0 |

|     |   |               |            |                  |     |     |     |     |     |      |     |
|-----|---|---------------|------------|------------------|-----|-----|-----|-----|-----|------|-----|
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 564 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 565 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 566 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 567 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |

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|               |     |            |                  |     |            |                  |     |     |      |     |     |     |     |
|---------------|-----|------------|------------------|-----|------------|------------------|-----|-----|------|-----|-----|-----|-----|
| Length = 1.25 |     | Type: Beam | Section: soletta |     |            |                  |     |     |      |     |     |     |     |
| 568           | 2   | 3 c mobili | Max              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.7 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.7 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | -0.4 | 0.0 |     |     |     |
|               |     |            | PP               | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm             | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | acc              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Length = 1.25    |     | Type: Beam | Section: soletta |     |     |      |     |     |     |     |
|               |     |            | 569              | 2   | 3 c mobili | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.7 | 0.0 | 0.0 | 0.0 |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.7 | 0.0 | 0.0  | 0.0 |     |     |     |
| Min           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.4 | 0.0 |     |     |     |
| PP            | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| perm          | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| acc           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| Length = 1.25 |     | Type: Beam |                  |     |            | Section: soletta |     |     |      |     |     |     |     |
| 570           | 2   | 3 c mobili |                  |     |            | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.7 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.7 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | -0.4 | 0.0 |     |     |     |
|               |     |            | PP               | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm             | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | acc              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Length = 1.25    |     | Type: Beam | Section: soletta |     |     |      |     |     |     |     |
|               |     |            | 571              | 2   | 3 c mobili | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.7 | 0.0 | 0.0 | 0.0 |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.7 | 0.0 | 0.0  | 0.0 |     |     |     |
| Min           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.4 | 0.0 |     |     |     |
| PP            | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| perm          | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| acc           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| Length = 1.25 |     | Type: Beam |                  |     |            | Section: soletta |     |     |      |     |     |     |     |
| 572           | 2   | 3 c mobili |                  |     |            | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.7 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.7 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | -0.4 | 0.0 |     |     |     |
|               |     |            | PP               | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm             | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |

|     |               |                |                  |     |     |     |     |      |     |
|-----|---------------|----------------|------------------|-----|-----|-----|-----|------|-----|
|     |               | acc            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam     | Section: soletta |     |     |     |     |      |     |
| 573 | 2             | 3 c mobili Max | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               | Min            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |               | PP             | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | perm           | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | acc            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam     | Section: soletta |     |     |     |     |      |     |
| 574 | 2             | 3 c mobili Max | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               | Min            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |               | PP             | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | perm           | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | acc            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam     | Section: soletta |     |     |     |     |      |     |
| 575 | 2             | 3 c mobili Max | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               | Min            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |               | PP             | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | perm           | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | acc            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam     | Section: soletta |     |     |     |     |      |     |
| 576 | 2             | 3 c mobili Max | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               | Min            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |               | PP             | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | perm           | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               | acc            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     | Length = 1.25 | Type: Beam     | Section: soletta |     |     |     |     |      |     |
| 577 | 2             | 3 c mobili Max | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |               | Min            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |               |                | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |               | PP             | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |               |                | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |

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|     |   |               |            |                  |     |     |     |     |      |
|-----|---|---------------|------------|------------------|-----|-----|-----|-----|------|
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 578 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 |
|     |   | PP            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 579 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 |
|     |   | PP            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 580 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 |
|     |   | PP            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 581 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 |
|     |   | PP            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 582 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |

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|     |   |                |            |                  |     |     |     |     |     |      |     |
|-----|---|----------------|------------|------------------|-----|-----|-----|-----|-----|------|-----|
|     |   |                |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | PP             |            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           |            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            |            | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 583 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | PP             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 584 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | PP             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 585 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | PP             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 586 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | PP             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |     |     |      |     |



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|     |     |            |      |     |     |     |     |     |      |     |
|-----|-----|------------|------|-----|-----|-----|-----|-----|------|-----|
| 587 | 2   | 3 c mobili | Max  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |     |            | PP   | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |

Length = 1.25      Type: Beam      Section: soletta

|     |     |            |      |     |     |     |     |     |      |     |
|-----|-----|------------|------|-----|-----|-----|-----|-----|------|-----|
| 588 | 2   | 3 c mobili | Max  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |     |            | PP   | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |

Length = 1.25      Type: Beam      Section: soletta

|     |     |            |      |     |     |     |     |     |      |     |
|-----|-----|------------|------|-----|-----|-----|-----|-----|------|-----|
| 589 | 2   | 3 c mobili | Max  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |     |            | PP   | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |

Length = 1.25      Type: Beam      Section: soletta

|     |     |            |      |     |     |     |     |     |      |     |
|-----|-----|------------|------|-----|-----|-----|-----|-----|------|-----|
| 590 | 2   | 3 c mobili | Max  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |     |            | PP   | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |     |      |     |

Length = 1.25      Type: Beam      Section: soletta

|     |   |            |      |     |     |     |     |     |      |     |
|-----|---|------------|------|-----|-----|-----|-----|-----|------|-----|
| 591 | 2 | 3 c mobili | Max  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |

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|     |   |                |            |                  |     |     |     |      |     |
|-----|---|----------------|------------|------------------|-----|-----|-----|------|-----|
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |      |     |
| 592 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | pp             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |      |     |
| 593 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | pp             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |      |     |
| 594 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | pp             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |      |     |
| 595 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | pp             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25  | Type: Beam | Section: soletta |     |     |     |      |     |
| 596 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   | pp             | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |

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|     |   |            |     |                                                     |     |     |     |     |     |      |     |
|-----|---|------------|-----|-----------------------------------------------------|-----|-----|-----|-----|-----|------|-----|
|     |   |            |     | perm                                                | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | acc                                                 | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | Length = 1.25      Type: Beam      Section: soletta |     |     |     |     |     |      |     |
| 597 | 2 | 3 c mobili | Max | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            | Min | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |            |     | PP                                                  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | perm                                                | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | acc                                                 | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | Length = 1.25      Type: Beam      Section: soletta |     |     |     |     |     |      |     |
| 598 | 2 | 3 c mobili | Max | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            | Min | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |            |     | PP                                                  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | perm                                                | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | acc                                                 | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | Length = 1.25      Type: Beam      Section: soletta |     |     |     |     |     |      |     |
| 599 | 2 | 3 c mobili | Max | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            | Min | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |            |     | PP                                                  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | perm                                                | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | acc                                                 | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | Length = 1.25      Type: Beam      Section: soletta |     |     |     |     |     |      |     |
| 600 | 2 | 3 c mobili | Max | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            | Min | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | -0.4 | 0.0 |
|     |   |            |     | PP                                                  | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | perm                                                | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | acc                                                 | I   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     | Length = 1.25      Type: Beam      Section: soletta |     |     |     |     |     |      |     |
| 601 | 2 | 3 c mobili | Max | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | J   | 0.0 | 0.0 | 0.7 | 0.0 | 0.0  | 0.0 |
|     |   |            | Min | I                                                   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |            |     |                                                     | CNT | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |

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|     |   |               |            |                       |     |     |     |      |      |
|-----|---|---------------|------------|-----------------------|-----|-----|-----|------|------|
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | -0.4 | 0.0  |
|     |   |               | PP         | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |     |     |      |      |
| 602 | 2 | 3 c mobili    | Max        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.7 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.7 | 0.0  | 0.0  |
|     |   |               | Min        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | -0.2 |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | -0.4 |
|     |   |               | PP         | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |     |     |      |      |
| 603 | 2 | 3 c mobili    | Max        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.7 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.7 | 0.0  | 0.0  |
|     |   |               | Min        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | -0.2 |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | -0.4 |
|     |   |               | PP         | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |     |     |      |      |
| 604 | 2 | 3 c mobili    | Max        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.7 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.7 | 0.0  | 0.0  |
|     |   |               | Min        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | -0.2 |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | -0.4 |
|     |   |               | PP         | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |     |     |      |      |
| 605 | 2 | 4 c mobili    | Max        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.3 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.3 | 0.0  | 0.0  |
|     |   |               | Min        | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | -0.1 |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | -0.2 |
|     |   |               | PP         | I                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: traverso cap |     |     |     |      |      |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

REACTION FORCES & MOMENTS DEFAULT PRINTOUT.

Unit System : kN , m

| Node                         | LC   | FX     | FY     | FZ     | MX  | MY  | MZ  |
|------------------------------|------|--------|--------|--------|-----|-----|-----|
| 2 c mobili                   | Max  | 0.0    | 0.0    | 62.2   | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -21.0  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 326.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 121.2  | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 46 c mobili                  | Max  | 0.0    | 0.0    | 62.2   | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -21.0  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 326.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 121.2  | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 49 c mobili                  | Max  | 0.0    | 0.0    | 282.4  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -34.1  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 285.0  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 76.3   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 93 c mobili                  | Max  | 0.0    | 0.0    | 282.4  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -34.1  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 285.0  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 76.3   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 96 c mobili                  | Max  | 0.0    | 0.0    | 351.3  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -15.8  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 291.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 67.0   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 140 c mobili                 | Max  | 0.0    | 0.0    | 351.3  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -15.8  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 291.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 67.0   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 143 c mobili                 | Max  | 0.0    | 0.0    | 389.5  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -3.8   | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 291.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 67.0   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 187 c mobili                 | Max  | 0.0    | 0.0    | 389.5  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -3.8   | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 291.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 67.0   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 190 c mobili                 | Max  | 0.0    | 0.0    | 344.9  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -20.7  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 285.0  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 76.3   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 234 c mobili                 | Max  | 0.0    | 0.0    | 344.9  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -20.7  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 285.0  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 76.3   | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 237 c mobili                 | Max  | 0.0    | 0.0    | 325.3  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -40.1  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 326.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 121.2  | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| 281 c mobili                 | Max  | 0.0    | 0.0    | 325.3  | 0.0 | 0.0 | 0.0 |
|                              | Min  | 0.0    | 0.0    | -40.1  | 0.0 | 0.0 | 0.0 |
|                              | pp   | 0.0    | 0.0    | 326.1  | 0.0 | 0.0 | 0.0 |
|                              | perm | 0.0    | 0.0    | 121.2  | 0.0 | 0.0 | 0.0 |
|                              | acc  | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 | 0.0 |
| SUMMATION OF REACTION FORCES |      |        |        |        |     |     |     |
|                              | LC   | SUM-FX | SUM-FY | SUM-FZ |     |     |     |
|                              | pp   | 0.0    | 0.0    | 3609.0 |     |     |     |
|                              | perm | 0.0    | 0.0    | 1058.0 |     |     |     |
|                              | acc  | 0.0    | 0.0    | 0.0    |     |     |     |

### 13.Tabulati di output – Stato di Progetto Impalcato

```
*****
**          Gen 2012          Modeling, Integrated Design & Analysis Software          **
**          GENERAL STRUCTURE DESIGN SYSTEM          **
*****
```

```

XXX  XXX  XX  XXXXXXXX  XXXXXXXX  XXXXXXXX
XXXX XXXX  XX  XX  XX  XX  XX  XX  XX
XX XXX XX  XX  XX  XX  XX  XX  XX
XX X XX  XX  XX  XX  XXXXXXXX  XXXXXXXX
XXX  XX  XXX  XXX  XX  XX  XX  XXX
XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
XXX  XX  XXX  XXXXXXXX  XXX  XX  XXXXXXXX /Gen

```

Gen 2012

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ANALYSIS RESULT OUTPUT

LOAD SET FOR REACTION OUTPUT - Load Set 1

<< LOAD COMB/CASE/ENVEL ABBREVIATION TABLE >>

| ABBREVIATION                                                                    | FULL NAME | TYPE | DESCRIPTION |
|---------------------------------------------------------------------------------|-----------|------|-------------|
| -----                                                                           |           |      |             |
| No Abbreviation was defined in this Load Set. All names are less than 8 char.'s |           |      |             |
| -----                                                                           |           |      |             |

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Cases]]

| LOAD CASE | ANAL. TYPE | DESCRIPTION | STATIC LOAD CASE | DETAIL        | TYPE |
|-----------|------------|-------------|------------------|---------------|------|
| c mobili  | Moving     |             |                  |               |      |
| pp        | Static     |             |                  | Dead Load (D) |      |
| perm      | Static     |             |                  | Dead Load (D) |      |
| acc       | Static     |             |                  | Live Load (L) |      |

LOAD SET FOR ELEMENT OUTPUT - Load Set 1

<< LOAD COMB/CASE/ENVEL ABBREVIATION TABLE >>

| ABBREVIATION                                                                    | FULL NAME | TYPE | DESCRIPTION |
|---------------------------------------------------------------------------------|-----------|------|-------------|
| -----                                                                           |           |      |             |
| No Abbreviation was defined in this Load Set. All names are less than 8 char.'s |           |      |             |
| -----                                                                           |           |      |             |

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Cases]]

| LOAD CASE | ANAL. TYPE | DESCRIPTION | STATIC LOAD CASE | DETAIL        | TYPE |
|-----------|------------|-------------|------------------|---------------|------|
| c mobili  | Moving     |             |                  |               |      |
| pp        | Static     |             |                  | Dead Load (D) |      |
| perm      | Static     |             |                  | Dead Load (D) |      |
| acc       | Static     |             |                  | Live Load (L) |      |

BEAM ELEMENT FORCES & MOMENTS DEFAULT PRINTOUT.

Unit System : kN , m

| ELEM | MAT | SEC | LC       | PT  | AXIAL | SHEAR-y | SHEAR-z | TORSION | MOMENT-y | MOMENT-z |
|------|-----|-----|----------|-----|-------|---------|---------|---------|----------|----------|
| 1    | 1   | 1   | c mobili | Max | 0.0   | 0.0     | 38.6    | 27.7    | 14.4     | 0.0      |
|      |     |     |          | CNT | 0.0   | 0.0     | 38.6    | 27.7    | 33.7     | 0.0      |
|      |     |     |          | J   | 0.0   | 0.0     | 38.6    | 27.7    | 53.9     | 0.0      |
|      |     |     |          | Min | 0.0   | 0.0     | -79.8   | -102.6  | -4.1     | 0.0      |
|      |     |     |          | CNT | 0.0   | 0.0     | -79.8   | -102.6  | -12.5    | 0.0      |
|      |     |     |          | J   | 0.0   | 0.0     | -79.8   | -102.6  | -22.1    | 0.0      |
|      |     |     |          | PP  | 0.0   | 0.0     | 0.6     | 1.4     | -0.2     | 0.0      |
|      |     |     |          | CNT | 0.0   | 0.0     | 7.0     | 1.4     | -1.2     | 0.0      |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|                                                |      |                |     |     |       |        |        |       |     |
|------------------------------------------------|------|----------------|-----|-----|-------|--------|--------|-------|-----|
|                                                |      | J              | 0.0 | 0.0 | 13.4  | 1.4    | -3.7   | 0.0   |     |
|                                                | perm | I              | 0.0 | 0.0 | 17.7  | 23.0   | -2.9   | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | 20.5  | 23.0   | -7.7   | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | 23.2  | 23.0   | -13.1  | 0.0   |     |
|                                                | acc  | I              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
| Length = 0.5      Type: Beam      Section: cap |      |                |     |     |       |        |        |       |     |
| 2                                              | 1    | 1 c mobili Max | I   | 0.0 | 0.0   | 7.8    | 25.4   | 54.7  | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | 7.8    | 25.4   | 79.1  | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | 7.8    | 25.4   | 108.8 | 0.0 |
|                                                |      | Min            | I   | 0.0 | 0.0   | -128.2 | -111.3 | -22.3 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -128.2 | -111.3 | -20.3 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -128.2 | -111.3 | -19.7 | 0.0 |
|                                                |      | pp             | I   | 0.0 | 0.0   | -279.9 | 1.4    | -3.7  | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -273.5 | 1.4    | 65.5  | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -267.2 | 1.4    | 133.0 | 0.0 |
|                                                | perm | I              | 0.0 | 0.0 | -96.2 | 25.1   | -13.3  | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | -93.5 | 25.1   | 10.4   | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | -90.7 | 25.1   | 33.4   | 0.0   |     |
|                                                | acc  | I              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
| Length = 0.5      Type: Beam      Section: cap |      |                |     |     |       |        |        |       |     |
| 3                                              | 1    | 1 c mobili Max | I   | 0.0 | 0.0   | 5.7    | 23.5   | 109.4 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | 5.7    | 23.5   | 141.1 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | 5.7    | 23.5   | 173.6 | 0.0 |
|                                                |      | Min            | I   | 0.0 | 0.0   | -132.0 | -115.0 | -19.8 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -132.0 | -115.0 | -20.0 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -132.0 | -115.0 | -21.1 | 0.0 |
|                                                |      | pp             | I   | 0.0 | 0.0   | -267.2 | 1.4    | 133.0 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -260.8 | 1.4    | 199.0 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -254.4 | 1.4    | 263.4 | 0.0 |
|                                                | perm | I              | 0.0 | 0.0 | -89.8 | 26.0   | 33.3   | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | -87.0 | 26.0   | 55.4   | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | -84.3 | 26.0   | 76.8   | 0.0   |     |
|                                                | acc  | I              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
| Length = 0.5      Type: Beam      Section: cap |      |                |     |     |       |        |        |       |     |
| 4                                              | 1    | 1 c mobili Max | I   | 0.0 | 0.0   | 4.2    | 21.7   | 174.1 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | 4.2    | 21.7   | 206.9 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | 4.2    | 21.7   | 239.9 | 0.0 |
|                                                |      | Min            | I   | 0.0 | 0.0   | -132.6 | -115.5 | -21.1 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -132.6 | -115.5 | -22.2 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -132.6 | -115.5 | -23.2 | 0.0 |
|                                                |      | pp             | I   | 0.0 | 0.0   | -254.4 | 1.4    | 263.4 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -248.0 | 1.4    | 326.2 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -241.7 | 1.4    | 387.4 | 0.0 |
|                                                | perm | I              | 0.0 | 0.0 | -84.1 | 26.3   | 76.6   | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | -81.3 | 26.3   | 97.3   | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | -78.6 | 26.3   | 117.3  | 0.0   |     |
|                                                | acc  | I              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
| Length = 0.5      Type: Beam      Section: cap |      |                |     |     |       |        |        |       |     |
| 5                                              | 1    | 1 c mobili Max | I   | 0.0 | 0.0   | 3.3    | 20.2   | 240.4 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | 3.3    | 20.2   | 272.8 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | 3.3    | 20.2   | 305.4 | 0.0 |
|                                                |      | Min            | I   | 0.0 | 0.0   | -131.1 | -114.1 | -23.2 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -131.1 | -114.1 | -24.0 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -131.1 | -114.1 | -24.7 | 0.0 |
|                                                |      | pp             | I   | 0.0 | 0.0   | -241.7 | 1.4    | 387.4 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | -235.3 | 1.4    | 447.0 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | -228.9 | 1.4    | 505.1 | 0.0 |
|                                                | perm | I              | 0.0 | 0.0 | -78.8 | 26.0   | 117.1  | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | -76.1 | 26.0   | 136.4  | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | -73.3 | 26.0   | 155.1  | 0.0   |     |
|                                                | acc  | I              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | CNT            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|                                                |      | J              | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
| Length = 0.5      Type: Beam      Section: cap |      |                |     |     |       |        |        |       |     |
| 6                                              | 1    | 1 c mobili Max | I   | 0.0 | 0.0   | 3.0    | 18.9   | 305.9 | 0.0 |
|                                                |      |                | CNT | 0.0 | 0.0   | 3.0    | 18.9   | 337.2 | 0.0 |
|                                                |      |                | J   | 0.0 | 0.0   | 3.0    | 18.9   | 368.7 | 0.0 |
|                                                |      | Min            | I   | 0.0 | 0.0   | -128.4 | -111.3 | -24.7 | 0.0 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|    |   |              |            |              |     |        |        |        |       |     |
|----|---|--------------|------------|--------------|-----|--------|--------|--------|-------|-----|
|    |   |              | CNT        | 0.0          | 0.0 | -128.4 | -111.3 | -25.2  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -128.4 | -111.3 | -25.8  | 0.0   |     |
|    |   | pp           | I          | 0.0          | 0.0 | -228.9 | 1.4    | 505.1  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -222.6 | 1.4    | 561.5  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -216.2 | 1.4    | 616.3  | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | -73.9  | 25.5   | 154.9  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -71.2  | 25.5   | 173.1  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -68.4  | 25.5   | 190.5  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 7  | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 3.0    | 18.3   | 369.2 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | 3.0    | 18.3   | 399.3 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | 3.0    | 18.3   | 429.7 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0    | -124.8 | -107.8 | -25.8 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | -124.8 | -107.8 | -26.1 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | -124.8 | -107.8 | -26.5 | 0.0 |
|    |   | pp           | I          | 0.0          | 0.0 | -216.2 | 1.3    | 616.3  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -209.8 | 1.3    | 669.6  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -203.5 | 1.3    | 721.3  | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | -69.2  | 24.7   | 190.3  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -66.5  | 24.7   | 207.3  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -63.7  | 24.7   | 223.6  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 8  | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 3.0    | 19.4   | 430.2 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | 3.0    | 19.4   | 458.5 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | 3.0    | 19.4   | 487.5 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0    | -120.6 | -103.8 | -26.5 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | -120.6 | -103.8 | -26.7 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | -120.6 | -103.8 | -26.9 | 0.0 |
|    |   | pp           | I          | 0.0          | 0.0 | -203.5 | 1.3    | 721.2  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -197.1 | 1.3    | 771.3  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -190.7 | 1.3    | 819.8  | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | -64.7  | 23.7   | 223.4  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -62.0  | 23.7   | 239.2  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -59.2  | 23.7   | 254.4  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 9  | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 3.0    | 22.0   | 487.9 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | 3.0    | 22.0   | 515.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | 3.0    | 22.0   | 542.0 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0    | -116.1 | -99.6  | -26.9 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | -116.1 | -99.6  | -27.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | -116.1 | -99.6  | -27.1 | 0.0 |
|    |   | pp           | I          | 0.0          | 0.0 | -190.8 | 1.2    | 819.8  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -184.4 | 1.2    | 866.7  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -178.0 | 1.2    | 912.0  | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | -60.3  | 22.6   | 254.2  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -57.6  | 22.6   | 269.0  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -54.8  | 22.6   | 283.0  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 10 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 3.9    | 24.8   | 542.4 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | 3.9    | 24.8   | 567.6 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | 3.9    | 24.8   | 593.4 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0    | -111.4 | -95.2  | -27.1 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0    | -111.4 | -95.2  | -27.1 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0    | -111.4 | -95.2  | -27.0 | 0.0 |
|    |   | pp           | I          | 0.0          | 0.0 | -178.0 | 1.2    | 912.0  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -171.7 | 1.2    | 955.7  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -165.3 | 1.2    | 997.8  | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | -56.1  | 21.3   | 282.9  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | -53.3  | 21.3   | 296.5  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | -50.6  | 21.3   | 309.5  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |



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|    |   |            |      |     |     |     |        |        |        |       |     |
|----|---|------------|------|-----|-----|-----|--------|--------|--------|-------|-----|
| 11 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 6.3    | 27.6   | 593.8  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 6.3    | 27.6   | 616.7  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 6.3    | 27.6   | 640.7  | 0.0   |     |
|    |   |            |      | Min | I   | 0.0 | 0.0    | -106.7 | -90.7  | -27.1 | 0.0 |
|    |   |            |      |     | CNT | 0.0 | 0.0    | -106.7 | -90.7  | -27.0 | 0.0 |
|    |   |            |      |     | J   | 0.0 | 0.0    | -106.7 | -90.7  | -26.9 | 0.0 |
|    |   |            | pp   | I   | 0.0 | 0.0 | -165.3 | 1.1    | 997.8  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -158.9 | 1.1    | 1038.3 | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -152.6 | 1.1    | 1077.2 | 0.0   |     |
|    |   |            | perm | I   | 0.0 | 0.0 | -51.9  | 20.0   | 309.4  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -49.1  | 20.0   | 322.0  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -46.4  | 20.0   | 334.0  | 0.0   |     |
|    |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |

Length = 0.5      Type: Beam      Section: cap

|    |   |            |      |     |     |     |        |        |        |       |     |
|----|---|------------|------|-----|-----|-----|--------|--------|--------|-------|-----|
| 12 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 9.2    | 30.4   | 641.1  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 9.2    | 30.4   | 662.3  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 9.2    | 30.4   | 684.3  | 0.0   |     |
|    |   |            |      | Min | I   | 0.0 | 0.0    | -101.9 | -86.1  | -26.9 | 0.0 |
|    |   |            |      |     | CNT | 0.0 | 0.0    | -101.9 | -86.1  | -26.7 | 0.0 |
|    |   |            |      |     | J   | 0.0 | 0.0    | -101.9 | -86.1  | -26.6 | 0.0 |
|    |   |            | pp   | I   | 0.0 | 0.0 | -152.6 | 1.0    | 1077.2 | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -146.2 | 1.0    | 1114.6 | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -139.8 | 1.0    | 1150.3 | 0.0   |     |
|    |   |            | perm | I   | 0.0 | 0.0 | -47.8  | 18.6   | 333.8  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -45.0  | 18.6   | 345.4  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -42.3  | 18.6   | 356.3  | 0.0   |     |
|    |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |

Length = 0.5      Type: Beam      Section: cap

|    |   |            |      |     |     |     |        |       |        |       |     |
|----|---|------------|------|-----|-----|-----|--------|-------|--------|-------|-----|
| 13 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 12.2   | 32.9  | 684.6  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 12.2   | 32.9  | 704.3  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 12.2   | 32.9  | 724.1  | 0.0   |     |
|    |   |            |      | Min | I   | 0.0 | 0.0    | -97.1 | -81.6  | -26.6 | 0.0 |
|    |   |            |      |     | CNT | 0.0 | 0.0    | -97.1 | -81.6  | -26.4 | 0.0 |
|    |   |            |      |     | J   | 0.0 | 0.0    | -97.1 | -81.6  | -26.2 | 0.0 |
|    |   |            | pp   | I   | 0.0 | 0.0 | -139.9 | 1.0   | 1150.3 | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -133.5 | 1.0   | 1184.5 | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -127.1 | 1.0   | 1217.1 | 0.0   |     |
|    |   |            | perm | I   | 0.0 | 0.0 | -43.7  | 17.2  | 356.2  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -41.0  | 17.2  | 366.8  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -38.2  | 17.2  | 376.7  | 0.0   |     |
|    |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |     |

Length = 0.5      Type: Beam      Section: cap

|    |   |            |      |     |     |     |        |       |        |       |     |
|----|---|------------|------|-----|-----|-----|--------|-------|--------|-------|-----|
| 14 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 15.4   | 35.1  | 724.4  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 15.4   | 35.1  | 742.1  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 15.4   | 35.1  | 760.5  | 0.0   |     |
|    |   |            |      | Min | I   | 0.0 | 0.0    | -92.3 | -77.1  | -26.2 | 0.0 |
|    |   |            |      |     | CNT | 0.0 | 0.0    | -92.3 | -77.1  | -26.0 | 0.0 |
|    |   |            |      |     | J   | 0.0 | 0.0    | -92.3 | -77.1  | -25.7 | 0.0 |
|    |   |            | pp   | I   | 0.0 | 0.0 | -127.1 | 0.9   | 1217.1 | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -120.8 | 0.9   | 1248.1 | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -114.4 | 0.9   | 1277.5 | 0.0   |     |
|    |   |            | perm | I   | 0.0 | 0.0 | -39.7  | 15.6  | 376.6  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -36.9  | 15.6  | 386.1  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -34.2  | 15.6  | 395.0  | 0.0   |     |
|    |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |     |

Length = 0.5      Type: Beam      Section: cap

|    |   |            |      |     |     |     |        |       |        |       |     |
|----|---|------------|------|-----|-----|-----|--------|-------|--------|-------|-----|
| 15 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 18.5   | 36.9  | 760.8  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | 18.5   | 36.9  | 775.9  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | 18.5   | 36.9  | 792.9  | 0.0   |     |
|    |   |            |      | Min | I   | 0.0 | 0.0    | -87.5 | -72.6  | -25.7 | 0.0 |
|    |   |            |      |     | CNT | 0.0 | 0.0    | -87.5 | -72.6  | -25.4 | 0.0 |
|    |   |            |      |     | J   | 0.0 | 0.0    | -87.5 | -72.6  | -25.2 | 0.0 |
|    |   |            | pp   | I   | 0.0 | 0.0 | -114.4 | 0.8   | 1277.4 | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -108.1 | 0.8   | 1305.3 | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -101.7 | 0.8   | 1331.5 | 0.0   |     |
|    |   |            | perm | I   | 0.0 | 0.0 | -35.7  | 14.1  | 394.9  | 0.0   |     |
|    |   |            |      | CNT | 0.0 | 0.0 | -33.0  | 14.1  | 403.5  | 0.0   |     |
|    |   |            |      | J   | 0.0 | 0.0 | -30.2  | 14.1  | 411.4  | 0.0   |     |

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|    |   |              |            |              |     |     |        |       |        |     |
|----|---|--------------|------------|--------------|-----|-----|--------|-------|--------|-----|
|    |   | acc          | I          | 0.0          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |       |        |     |
| 16 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 21.7   | 38.4  | 793.1  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 21.7   | 38.4  | 806.1  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 21.7   | 38.4  | 821.2  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -82.8  | -68.2 | -25.2  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -82.8  | -68.2 | -24.9  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -82.8  | -68.2 | -24.6  | 0.0 |
|    |   |              |            | I            | 0.0 | 0.0 | -101.7 | 0.7   | 1331.5 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -95.3  | 0.7   | 1356.1 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -89.0  | 0.7   | 1379.1 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -31.8  | 12.5  | 411.3  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -29.0  | 12.5  | 418.9  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -26.3  | 12.5  | 425.8  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |       |        |     |
| 17 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 24.8   | 39.5  | 821.4  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 24.8   | 39.5  | 832.5  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 24.8   | 39.5  | 845.6  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -78.1  | -63.8 | -24.5  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -78.1  | -63.8 | -24.2  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -78.1  | -63.8 | -23.9  | 0.0 |
|    |   |              |            | I            | 0.0 | 0.0 | -89.0  | 0.6   | 1379.1 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -82.6  | 0.6   | 1400.6 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -76.3  | 0.6   | 1420.4 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -27.8  | 10.9  | 425.7  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -25.1  | 10.9  | 432.4  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -22.3  | 10.9  | 438.3  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |       |        |     |
| 18 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 27.9   | 40.3  | 845.7  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 27.9   | 40.3  | 855.4  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 27.9   | 40.3  | 866.1  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -73.5  | -61.0 | -23.9  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -73.5  | -61.0 | -23.5  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -73.5  | -61.0 | -23.2  | 0.0 |
|    |   |              |            | I            | 0.0 | 0.0 | -76.3  | 0.5   | 1420.4 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -69.9  | 0.5   | 1438.7 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -63.5  | 0.5   | 1455.4 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -24.0  | 9.3   | 438.2  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -21.2  | 9.3   | 443.9  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -18.5  | 9.3   | 448.8  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |       |        |     |
| 19 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 31.2   | 40.9  | 866.3  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 31.2   | 40.9  | 874.3  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 31.2   | 40.9  | 882.9  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -68.9  | -58.4 | -23.2  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -68.9  | -58.4 | -22.8  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -68.9  | -58.4 | -22.4  | 0.0 |
|    |   |              |            | I            | 0.0 | 0.0 | -63.6  | 0.5   | 1455.4 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -57.2  | 0.5   | 1470.5 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -50.8  | 0.5   | 1484.0 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -20.1  | 7.6   | 448.8  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -17.3  | 7.6   | 453.4  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -14.6  | 7.6   | 457.4  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |       |        |     |
| 20 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 34.9   | 42.0  | 883.0  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 34.9   | 42.0  | 889.2  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 34.9   | 42.0  | 896.0  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -64.3  | -55.8 | -22.4  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -64.3  | -55.8 | -22.1  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -64.3  | -55.8 | -21.7  | 0.0 |
|    |   |              |            | I            | 0.0 | 0.0 | -50.9  | 0.4   | 1484.0 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -44.5  | 0.4   | 1495.9 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -38.1  | 0.4   | 1506.2 | 0.0 |

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|    |   |              |            |              |     |     |       |       |        |     |
|----|---|--------------|------------|--------------|-----|-----|-------|-------|--------|-----|
|    |   |              | perm       | I            | 0.0 | 0.0 | -16.2 | 5.9   | 457.4  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -13.5 | 5.9   | 461.1  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -10.7 | 5.9   | 464.1  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |        |     |
| 21 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 38.7  | 43.4  | 896.1  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 38.7  | 43.4  | 900.3  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 38.7  | 43.4  | 905.6  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -59.8 | -53.3 | -21.7  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -59.8 | -53.3 | -21.3  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -59.8 | -53.3 | -20.9  | 0.0 |
|    |   |              | pp         | I            | 0.0 | 0.0 | -38.1 | 0.3   | 1506.2 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -31.8 | 0.3   | 1515.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -25.4 | 0.3   | 1522.1 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -12.4 | 4.2   | 464.1  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -9.6  | 4.2   | 466.8  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -6.9  | 4.2   | 468.9  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |        |     |
| 22 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 42.6  | 44.7  | 905.7  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 42.6  | 44.7  | 907.8  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 42.6  | 44.7  | 911.3  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -55.3 | -50.9 | -20.9  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -55.3 | -50.9 | -20.5  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -55.3 | -50.9 | -20.1  | 0.0 |
|    |   |              | pp         | I            | 0.0 | 0.0 | -25.4 | 0.2   | 1522.1 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -19.1 | 0.2   | 1527.7 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -12.7 | 0.2   | 1531.6 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -8.5  | 2.6   | 468.9  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -5.8  | 2.6   | 470.6  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -3.0  | 2.6   | 471.7  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |        |     |
| 23 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 46.7  | 46.5  | 911.3  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 46.7  | 46.5  | 911.5  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 46.7  | 46.5  | 913.0  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -51.0 | -48.6 | -20.1  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -51.0 | -48.6 | -19.7  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -51.0 | -48.6 | -19.3  | 0.0 |
|    |   |              | pp         | I            | 0.0 | 0.0 | -12.7 | 0.1   | 1531.6 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -6.4  | 0.1   | 1534.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.1   | 1534.8 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -4.7  | 0.9   | 471.7  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -1.9  | 0.9   | 472.5  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.8   | 0.9   | 472.7  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |        |     |
| 24 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 51.0  | 48.6  | 913.0  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 51.0  | 48.6  | 911.5  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 51.0  | 48.6  | 911.3  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -46.7 | -46.5 | -19.3  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -46.7 | -46.5 | -19.7  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -46.7 | -46.5 | -20.1  | 0.0 |
|    |   |              | pp         | I            | 0.0 | 0.0 | -0.0  | -0.1  | 1534.8 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 6.4   | -0.1  | 1534.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 12.7  | -0.1  | 1531.6 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | -0.8  | -0.9  | 472.7  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 1.9   | -0.9  | 472.5  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 4.7   | -0.9  | 471.7  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |        |     |
| 25 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 55.3  | 50.9  | 911.3  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 55.3  | 50.9  | 907.8  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 55.3  | 50.9  | 905.7  | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -42.6 | -44.7 | -20.1  | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -42.6 | -44.7 | -20.5  | 0.0 |

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|    |   |              |            |              |     |       |       |        |       |     |
|----|---|--------------|------------|--------------|-----|-------|-------|--------|-------|-----|
|    |   |              | J          | 0.0          | 0.0 | -42.6 | -44.7 | -20.9  | 0.0   |     |
|    |   | PP           | I          | 0.0          | 0.0 | 12.7  | -0.2  | 1531.6 | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 19.1  | -0.2  | 1527.7 | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 25.4  | -0.2  | 1522.1 | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | 3.0   | -2.6  | 471.7  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 5.8   | -2.6  | 470.6  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 8.5   | -2.6  | 468.9  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |       |       |        |       |     |
| 26 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 59.8  | 53.3   | 905.6 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | 59.8  | 53.3   | 900.3 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | 59.8  | 53.3   | 896.1 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0   | -38.7 | -43.4  | -20.9 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | -38.7 | -43.4  | -21.3 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | -38.7 | -43.4  | -21.7 | 0.0 |
|    |   | PP           | I          | 0.0          | 0.0 | 25.4  | -0.3  | 1522.1 | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 31.8  | -0.3  | 1515.0 | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 38.1  | -0.3  | 1506.2 | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | 6.9   | -4.2  | 468.9  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 9.6   | -4.2  | 466.8  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 12.4  | -4.2  | 464.1  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |       |       |        |       |     |
| 27 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 64.3  | 55.8   | 896.0 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | 64.3  | 55.8   | 889.2 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | 64.3  | 55.8   | 883.0 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0   | -34.9 | -42.0  | -21.7 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | -34.9 | -42.0  | -22.1 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | -34.9 | -42.0  | -22.4 | 0.0 |
|    |   | PP           | I          | 0.0          | 0.0 | 38.1  | -0.4  | 1506.2 | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 44.5  | -0.4  | 1495.9 | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 50.9  | -0.4  | 1484.0 | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | 10.7  | -5.9  | 464.1  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 13.5  | -5.9  | 461.1  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 16.2  | -5.9  | 457.4  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |       |       |        |       |     |
| 28 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 68.9  | 58.4   | 882.9 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | 68.9  | 58.4   | 874.3 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | 68.9  | 58.4   | 866.3 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0   | -31.2 | -40.9  | -22.4 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | -31.2 | -40.9  | -22.8 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | -31.2 | -40.9  | -23.2 | 0.0 |
|    |   | PP           | I          | 0.0          | 0.0 | 50.8  | -0.5  | 1484.0 | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 57.2  | -0.5  | 1470.5 | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 63.6  | -0.5  | 1455.4 | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | 14.6  | -7.6  | 457.4  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 17.3  | -7.6  | 453.4  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 20.1  | -7.6  | 448.8  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |       |       |        |       |     |
| 29 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 73.5  | 61.0   | 866.1 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | 73.5  | 61.0   | 855.4 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | 73.5  | 61.0   | 845.7 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0   | -27.9 | -40.3  | -23.2 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0   | -27.9 | -40.3  | -23.5 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0   | -27.9 | -40.3  | -23.9 | 0.0 |
|    |   | PP           | I          | 0.0          | 0.0 | 63.5  | -0.5  | 1455.4 | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 69.9  | -0.5  | 1438.7 | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 76.3  | -0.5  | 1420.4 | 0.0   |     |
|    |   | perm         | I          | 0.0          | 0.0 | 18.5  | -9.3  | 448.8  | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 21.2  | -9.3  | 443.9  | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 24.0  | -9.3  | 438.2  | 0.0   |     |
|    |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0   |     |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |       |       |        |       |     |

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|    |   |                                                |     |     |     |       |       |       |        |     |  |
|----|---|------------------------------------------------|-----|-----|-----|-------|-------|-------|--------|-----|--|
| 30 | 1 | 1 c mobili                                     | Max | I   | 0.0 | 0.0   | 78.1  | 63.8  | 845.6  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 78.1  | 63.8  | 832.5  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 78.1  | 63.8  | 821.4  | 0.0 |  |
|    |   | Min                                            | I   | 0.0 | 0.0 | -24.8 | -39.5 | -23.9 | -24.2  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | -24.8 | -39.5 | -24.2  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | -24.8 | -39.5 | -24.5  | 0.0 |  |
|    |   |                                                |     | PP  | 0.0 | 0.0   | 76.3  | -0.6  | 1420.4 | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 82.6  | -0.6  | 1400.6 | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 89.0  | -0.6  | 1379.1 | 0.0 |  |
|    |   | perm                                           | I   | 0.0 | 0.0 | 22.3  | -10.9 | 438.3 | 432.4  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 25.1  | -10.9 | 432.4  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 27.8  | -10.9 | 425.7  | 0.0 |  |
|    |   | acc                                            | I   | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   | Length = 0.5      Type: Beam      Section: cap |     |     |     |       |       |       |        |     |  |
| 31 | 1 | 1 c mobili                                     | Max | I   | 0.0 | 0.0   | 82.8  | 68.2  | 821.2  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 82.8  | 68.2  | 806.1  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 82.8  | 68.2  | 793.1  | 0.0 |  |
|    |   | Min                                            | I   | 0.0 | 0.0 | -21.7 | -38.4 | -24.6 | -24.9  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | -21.7 | -38.4 | -24.9  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | -21.7 | -38.4 | -25.2  | 0.0 |  |
|    |   |                                                |     | PP  | 0.0 | 0.0   | 89.0  | -0.7  | 1379.1 | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 95.3  | -0.7  | 1356.1 | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 101.7 | -0.7  | 1331.5 | 0.0 |  |
|    |   | perm                                           | I   | 0.0 | 0.0 | 26.3  | -12.5 | 425.8 | 418.9  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 29.0  | -12.5 | 418.9  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 31.8  | -12.5 | 411.3  | 0.0 |  |
|    |   | acc                                            | I   | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   | Length = 0.5      Type: Beam      Section: cap |     |     |     |       |       |       |        |     |  |
| 32 | 1 | 1 c mobili                                     | Max | I   | 0.0 | 0.0   | 87.5  | 72.6  | 792.9  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 87.5  | 72.6  | 775.9  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 87.5  | 72.6  | 760.8  | 0.0 |  |
|    |   | Min                                            | I   | 0.0 | 0.0 | -18.5 | -36.9 | -25.2 | -25.4  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | -18.5 | -36.9 | -25.4  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | -18.5 | -36.9 | -25.7  | 0.0 |  |
|    |   |                                                |     | PP  | 0.0 | 0.0   | 101.7 | -0.8  | 1331.5 | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 108.1 | -0.8  | 1305.3 | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 114.4 | -0.8  | 1277.4 | 0.0 |  |
|    |   | perm                                           | I   | 0.0 | 0.0 | 30.2  | -14.1 | 411.4 | 403.5  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 33.0  | -14.1 | 403.5  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 35.7  | -14.1 | 394.9  | 0.0 |  |
|    |   | acc                                            | I   | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   | Length = 0.5      Type: Beam      Section: cap |     |     |     |       |       |       |        |     |  |
| 33 | 1 | 1 c mobili                                     | Max | I   | 0.0 | 0.0   | 92.3  | 77.1  | 760.5  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 92.3  | 77.1  | 742.1  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 92.3  | 77.1  | 724.4  | 0.0 |  |
|    |   | Min                                            | I   | 0.0 | 0.0 | -15.4 | -35.1 | -25.7 | -26.0  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | -15.4 | -35.1 | -26.0  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | -15.4 | -35.1 | -26.2  | 0.0 |  |
|    |   |                                                |     | PP  | 0.0 | 0.0   | 114.4 | -0.9  | 1277.5 | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 120.8 | -0.9  | 1248.1 | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 127.1 | -0.9  | 1217.1 | 0.0 |  |
|    |   | perm                                           | I   | 0.0 | 0.0 | 34.2  | -15.6 | 395.0 | 386.1  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 36.9  | -15.6 | 386.1  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 39.7  | -15.6 | 376.6  | 0.0 |  |
|    |   | acc                                            | I   | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |
|    |   | Length = 0.5      Type: Beam      Section: cap |     |     |     |       |       |       |        |     |  |
| 34 | 1 | 1 c mobili                                     | Max | I   | 0.0 | 0.0   | 97.1  | 81.6  | 724.1  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 97.1  | 81.6  | 704.3  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 97.1  | 81.6  | 684.6  | 0.0 |  |
|    |   | Min                                            | I   | 0.0 | 0.0 | -12.2 | -32.9 | -26.2 | -26.4  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | -12.2 | -32.9 | -26.4  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | -12.2 | -32.9 | -26.6  | 0.0 |  |
|    |   |                                                |     | PP  | 0.0 | 0.0   | 127.1 | -1.0  | 1217.1 | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 133.5 | -1.0  | 1184.5 | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 139.9 | -1.0  | 1150.3 | 0.0 |  |
|    |   | perm                                           | I   | 0.0 | 0.0 | 38.2  | -17.2 | 376.7 | 366.8  | 0.0 |  |
|    |   |                                                |     | CNT | 0.0 | 0.0   | 41.0  | -17.2 | 366.8  | 0.0 |  |
|    |   |                                                |     | J   | 0.0 | 0.0   | 43.7  | -17.2 | 356.2  | 0.0 |  |
|    |   | acc                                            | I   | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0    | 0.0 |  |

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|    |              |            |            |              |     |     |       |       |        |        |     |
|----|--------------|------------|------------|--------------|-----|-----|-------|-------|--------|--------|-----|
|    |              |            | CNT        | 0.0          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    |        |     |
|    |              |            | J          | 0.0          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    |        |     |
|    | Length = 0.5 |            | Type: Beam | Section: cap |     |     |       |       |        |        |     |
| 35 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 101.9 | 86.1  | 684.3  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 101.9 | 86.1  | 662.3  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 101.9 | 86.1  | 641.1  | 0.0    |     |
|    |              |            | Min        | I            | 0.0 | 0.0 | -9.2  | -30.4 | -26.6  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | -9.2  | -30.4 | -26.7  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | -9.2  | -30.4 | -26.9  | 0.0    |     |
|    |              |            |            | PP           | I   | 0.0 | 0.0   | 139.8 | -1.0   | 1150.3 | 0.0 |
|    |              |            |            | CNT          | 0.0 | 0.0 | 146.2 | -1.0  | 1114.6 | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 152.6 | -1.0  | 1077.2 | 0.0    |     |
|    |              |            | perm       | I            | 0.0 | 0.0 | 42.3  | -18.6 | 356.3  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 45.0  | -18.6 | 345.4  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 47.8  | -18.6 | 333.8  | 0.0    |     |
|    |              |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    | Length = 0.5 |            | Type: Beam | Section: cap |     |     |       |       |        |        |     |
| 36 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 106.7 | 90.7  | 640.7  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 106.7 | 90.7  | 616.7  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 106.7 | 90.7  | 593.8  | 0.0    |     |
|    |              |            | Min        | I            | 0.0 | 0.0 | -6.3  | -27.6 | -26.9  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | -6.3  | -27.6 | -27.0  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | -6.3  | -27.6 | -27.1  | 0.0    |     |
|    |              |            |            | PP           | I   | 0.0 | 0.0   | 152.6 | -1.1   | 1077.2 | 0.0 |
|    |              |            |            | CNT          | 0.0 | 0.0 | 158.9 | -1.1  | 1038.3 | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 165.3 | -1.1  | 997.8  | 0.0    |     |
|    |              |            | perm       | I            | 0.0 | 0.0 | 46.4  | -20.0 | 334.0  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 49.1  | -20.0 | 322.0  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 51.9  | -20.0 | 309.4  | 0.0    |     |
|    |              |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    | Length = 0.5 |            | Type: Beam | Section: cap |     |     |       |       |        |        |     |
| 37 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 111.4 | 95.2  | 593.4  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 111.4 | 95.2  | 567.6  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 111.4 | 95.2  | 542.4  | 0.0    |     |
|    |              |            | Min        | I            | 0.0 | 0.0 | -3.9  | -24.8 | -27.0  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | -3.9  | -24.8 | -27.1  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | -3.9  | -24.8 | -27.1  | 0.0    |     |
|    |              |            |            | PP           | I   | 0.0 | 0.0   | 165.3 | -1.2   | 997.8  | 0.0 |
|    |              |            |            | CNT          | 0.0 | 0.0 | 171.7 | -1.2  | 955.7  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 178.0 | -1.2  | 912.0  | 0.0    |     |
|    |              |            | perm       | I            | 0.0 | 0.0 | 50.6  | -21.3 | 309.5  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 53.3  | -21.3 | 296.5  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 56.1  | -21.3 | 282.9  | 0.0    |     |
|    |              |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    | Length = 0.5 |            | Type: Beam | Section: cap |     |     |       |       |        |        |     |
| 38 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 116.1 | 99.6  | 542.0  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 116.1 | 99.6  | 515.0  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 116.1 | 99.6  | 487.9  | 0.0    |     |
|    |              |            | Min        | I            | 0.0 | 0.0 | -3.0  | -22.0 | -27.1  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | -3.0  | -22.0 | -27.0  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | -3.0  | -22.0 | -26.9  | 0.0    |     |
|    |              |            |            | PP           | I   | 0.0 | 0.0   | 178.0 | -1.2   | 912.0  | 0.0 |
|    |              |            |            | CNT          | 0.0 | 0.0 | 184.4 | -1.2  | 866.7  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 190.8 | -1.2  | 819.8  | 0.0    |     |
|    |              |            | perm       | I            | 0.0 | 0.0 | 54.8  | -22.6 | 283.0  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 57.6  | -22.6 | 269.0  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 60.3  | -22.6 | 254.2  | 0.0    |     |
|    |              |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    |     |
|    | Length = 0.5 |            | Type: Beam | Section: cap |     |     |       |       |        |        |     |
| 39 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 120.6 | 103.8 | 487.5  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | 120.6 | 103.8 | 458.5  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 120.6 | 103.8 | 430.2  | 0.0    |     |
|    |              |            | Min        | I            | 0.0 | 0.0 | -3.0  | -19.4 | -26.9  | 0.0    |     |
|    |              |            |            | CNT          | 0.0 | 0.0 | -3.0  | -19.4 | -26.7  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | -3.0  | -19.4 | -26.5  | 0.0    |     |
|    |              |            |            | PP           | I   | 0.0 | 0.0   | 190.7 | -1.3   | 819.8  | 0.0 |
|    |              |            |            | CNT          | 0.0 | 0.0 | 197.1 | -1.3  | 771.3  | 0.0    |     |
|    |              |            |            | J            | 0.0 | 0.0 | 203.5 | -1.3  | 721.2  | 0.0    |     |

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|    |   |              |            |              |     |     |       |       |       |     |
|----|---|--------------|------------|--------------|-----|-----|-------|-------|-------|-----|
|    |   |              | perm       | I            | 0.0 | 0.0 | 59.2  | -23.7 | 254.4 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 62.0  | -23.7 | 239.2 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 64.7  | -23.7 | 223.4 | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |       |     |
| 40 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 124.8 | 107.8 | 429.7 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 124.8 | 107.8 | 399.3 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 124.8 | 107.8 | 369.2 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -3.0  | -18.3 | -26.5 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -3.0  | -18.3 | -26.1 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -3.0  | -18.3 | -25.8 | 0.0 |
|    |   |              | PP         | I            | 0.0 | 0.0 | 203.5 | -1.3  | 721.3 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 209.8 | -1.3  | 669.6 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 216.2 | -1.3  | 616.3 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | 63.7  | -24.7 | 223.6 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 66.5  | -24.7 | 207.3 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 69.2  | -24.7 | 190.3 | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |       |     |
| 41 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 128.4 | 111.3 | 368.7 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 128.4 | 111.3 | 337.2 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 128.4 | 111.3 | 305.9 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -3.0  | -18.9 | -25.8 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -3.0  | -18.9 | -25.2 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -3.0  | -18.9 | -24.7 | 0.0 |
|    |   |              | PP         | I            | 0.0 | 0.0 | 216.2 | -1.4  | 616.3 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 222.6 | -1.4  | 561.5 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 228.9 | -1.4  | 505.1 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | 68.4  | -25.5 | 190.5 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 71.2  | -25.5 | 173.1 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 73.9  | -25.5 | 154.9 | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |       |     |
| 42 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 131.1 | 114.1 | 305.4 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 131.1 | 114.1 | 272.8 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 131.1 | 114.1 | 240.4 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -3.3  | -20.2 | -24.7 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -3.3  | -20.2 | -24.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -3.3  | -20.2 | -23.2 | 0.0 |
|    |   |              | PP         | I            | 0.0 | 0.0 | 228.9 | -1.4  | 505.1 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 235.3 | -1.4  | 447.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 241.7 | -1.4  | 387.4 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | 73.3  | -26.0 | 155.1 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 76.1  | -26.0 | 136.4 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 78.8  | -26.0 | 117.1 | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |       |     |
| 43 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 132.6 | 115.5 | 239.9 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 132.6 | 115.5 | 206.9 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 132.6 | 115.5 | 174.1 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -4.2  | -21.7 | -23.2 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -4.2  | -21.7 | -22.2 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -4.2  | -21.7 | -21.1 | 0.0 |
|    |   |              | PP         | I            | 0.0 | 0.0 | 241.7 | -1.4  | 387.4 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 248.0 | -1.4  | 326.2 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 254.4 | -1.4  | 263.4 | 0.0 |
|    |   |              | perm       | I            | 0.0 | 0.0 | 78.6  | -26.3 | 117.3 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 81.3  | -26.3 | 97.3  | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 84.1  | -26.3 | 76.6  | 0.0 |
|    |   |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5 | Type: Beam | Section: cap |     |     |       |       |       |     |
| 44 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 132.0 | 115.0 | 173.6 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | 132.0 | 115.0 | 141.1 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | 132.0 | 115.0 | 109.4 | 0.0 |
|    |   |              | Min        | I            | 0.0 | 0.0 | -5.7  | -23.5 | -21.1 | 0.0 |
|    |   |              |            | CNT          | 0.0 | 0.0 | -5.7  | -23.5 | -20.0 | 0.0 |
|    |   |              |            | J            | 0.0 | 0.0 | -5.7  | -23.5 | -19.8 | 0.0 |

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|    |   |                |            |                       |     |       |       |       |     |
|----|---|----------------|------------|-----------------------|-----|-------|-------|-------|-----|
|    |   | pp             | I          | 0.0                   | 0.0 | 254.4 | -1.4  | 263.4 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 260.8 | -1.4  | 199.0 | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 267.2 | -1.4  | 133.0 | 0.0 |
|    |   | perm           | I          | 0.0                   | 0.0 | 84.3  | -26.0 | 76.8  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 87.0  | -26.0 | 55.4  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 89.8  | -26.0 | 33.3  | 0.0 |
|    |   | acc            | I          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5   | Type: Beam | Section: cap          |     |       |       |       |     |
| 45 | 1 | 1 c mobili Max | I          | 0.0                   | 0.0 | 128.2 | 111.3 | 108.8 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 128.2 | 111.3 | 79.1  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 128.2 | 111.3 | 54.7  | 0.0 |
|    |   | Min            | I          | 0.0                   | 0.0 | -7.8  | -25.4 | -19.7 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -7.8  | -25.4 | -20.3 | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -7.8  | -25.4 | -22.3 | 0.0 |
|    |   | pp             | I          | 0.0                   | 0.0 | 267.2 | -1.4  | 133.0 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 273.5 | -1.4  | 65.5  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 279.9 | -1.4  | -3.7  | 0.0 |
|    |   | perm           | I          | 0.0                   | 0.0 | 90.7  | -25.1 | 33.4  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 93.5  | -25.1 | 10.4  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 96.2  | -25.1 | -13.3 | 0.0 |
|    |   | acc            | I          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5   | Type: Beam | Section: cap          |     |       |       |       |     |
| 46 | 1 | 1 c mobili Max | I          | 0.0                   | 0.0 | 79.8  | 102.6 | 53.9  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 79.8  | 102.6 | 33.7  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 79.8  | 102.6 | 14.4  | 0.0 |
|    |   | Min            | I          | 0.0                   | 0.0 | -38.6 | -27.7 | -22.1 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -38.6 | -27.7 | -12.5 | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -38.6 | -27.7 | -4.1  | 0.0 |
|    |   | pp             | I          | 0.0                   | 0.0 | -13.4 | -1.4  | -3.7  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -7.0  | -1.4  | -1.2  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -0.6  | -1.4  | -0.2  | 0.0 |
|    |   | perm           | I          | 0.0                   | 0.0 | -23.2 | -23.0 | -13.1 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -20.5 | -23.0 | -7.7  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -17.7 | -23.0 | -2.9  | 0.0 |
|    |   | acc            | I          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 0.5   | Type: Beam | Section: cap          |     |       |       |       |     |
| 47 | 2 | 4 c mobili Max | I          | 0.0                   | 0.0 | 79.8  | 14.4  | 49.8  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 79.8  | 14.4  | 39.2  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 79.8  | 14.4  | 39.1  | 0.0 |
|    |   | Min            | I          | 0.0                   | 0.0 | -38.3 | -4.1  | -18.0 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -38.3 | -4.1  | -18.2 | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -38.1 | -4.1  | -24.7 | 0.0 |
|    |   | pp             | I          | 0.0                   | 0.0 | -0.6  | -0.2  | -0.9  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -0.6  | -0.2  | -0.7  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -0.6  | -0.2  | -0.6  | 0.0 |
|    |   | perm           | I          | 0.0                   | 0.0 | -17.7 | -2.9  | -10.6 | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -17.7 | -2.9  | -5.3  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -17.7 | -2.9  | 0.0   | 0.0 |
|    |   | acc            | I          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 2     | Type: Beam | Section: traverso cap |     |       |       |       |     |
| 48 | 2 | 3 c mobili Max | I          | 0.0                   | 0.0 | 11.1  | 0.9   | 3.6   | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 11.1  | 0.9   | 0.3   | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 11.5  | 0.9   | 1.4   | 0.0 |
|    |   | Min            | I          | 0.0                   | 0.0 | -4.4  | -0.2  | -1.2  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -4.4  | -0.2  | -0.1  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -4.2  | -0.2  | -3.1  | 0.0 |
|    |   | pp             | I          | 0.0                   | 0.0 | -0.0  | -0.0  | -0.0  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -0.0  | -0.0  | -0.0  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -0.0  | -0.0  | 0.0   | 0.0 |
|    |   | perm           | I          | 0.0                   | 0.0 | -2.0  | -0.2  | -0.6  | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | -2.0  | -0.2  | -0.0  | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | -2.0  | -0.2  | 0.6   | 0.0 |
|    |   | acc            | I          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | CNT        | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   |                | J          | 0.0                   | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|    |   | Length = 2     | Type: Beam | Section: soletta      |     |       |       |       |     |
| 49 | 2 | 3 c mobili Max | I          | 0.0                   | 0.0 | 6.0   | 0.9   | 2.2   | 0.0 |



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|    |   |            |            |                  |     |       |      |      |     |     |
|----|---|------------|------------|------------------|-----|-------|------|------|-----|-----|
|    |   |            | CNT        | 0.0              | 0.0 | 6.0   | 0.9  | 0.5  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 6.4   | 0.9  | 2.5  | 0.0 |     |
|    |   | Min        | I          | 0.0              | 0.0 | -7.4  | -0.2 | -2.1 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -7.4  | -0.2 | -0.4 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -7.2  | -0.2 | -1.4 | 0.0 |     |
|    |   | PP         | I          | 0.0              | 0.0 | -0.0  | -0.0 | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -0.0  | -0.0 | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -0.0  | -0.0 | 0.0  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | -0.9  | -0.2 | -0.3 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -0.9  | -0.2 | -0.0 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -0.9  | -0.2 | 0.2  | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 50 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 3.3  | 0.9  | 1.6 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 3.3  | 0.9  | 0.8 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 3.7  | 0.9  | 3.7 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -10.8 | -0.2 | -3.0 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -10.8 | -0.2 | -0.7 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -10.6 | -0.2 | -0.9 | 0.0 |     |
|    |   | PP         | I          | 0.0              | 0.0 | -0.0  | -0.0 | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -0.0  | -0.0 | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -0.0  | -0.0 | 0.0  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | -0.2  | -0.2 | -0.1 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -0.2  | -0.2 | -0.0 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -0.2  | -0.2 | 0.0  | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 51 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 1.9  | 0.9  | 1.5 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 1.9  | 0.9  | 1.1 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 2.3  | 0.9  | 4.6 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -13.0 | -0.2 | -3.7 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -13.0 | -0.2 | -1.0 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -12.8 | -0.2 | -0.8 | 0.0 |     |
|    |   | PP         | I          | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 0.3   | -0.2 | 0.1  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.3   | -0.2 | -0.0 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.3   | -0.2 | -0.1 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 52 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 1.2  | 0.8  | 1.5 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 1.2  | 0.8  | 1.3 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 1.6  | 0.8  | 5.4 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -14.6 | -0.2 | -4.1 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -14.6 | -0.2 | -1.3 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -14.4 | -0.2 | -0.9 | 0.0 |     |
|    |   | PP         | I          | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 0.6   | -0.2 | 0.2  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.6   | -0.2 | -0.0 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.6   | -0.2 | -0.2 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 53 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 0.9  | 0.8  | 1.6 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 0.9  | 0.8  | 1.6 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 1.4  | 0.8  | 5.9 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -15.7 | -0.2 | -4.5 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -15.7 | -0.2 | -1.6 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -15.5 | -0.2 | -1.1 | 0.0 |     |
|    |   | PP         | I          | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 0.8   | -0.2 | 0.2  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.8   | -0.2 | -0.0 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.8   | -0.2 | -0.3 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |

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|    |            |            |            |     |                  |     |       |      |      |     |     |
|----|------------|------------|------------|-----|------------------|-----|-------|------|------|-----|-----|
|    |            |            | J          |     | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |     |
| 54 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 0.8   | 0.8  | 1.7  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.8   | 0.8  | 1.8  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.3   | 0.8  | 6.3  | 0.0 | 0.0 |
|    |            |            | Min        | I   | 0.0              | 0.0 | -16.4 | -0.2 | -4.7 | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | -16.4 | -0.2 | -1.9 | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | -16.3 | -0.2 | -1.3 | 0.0 | 0.0 |
|    |            |            | PP         | I   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            | perm       | I   | 0.0              | 0.0 | 1.0   | -0.2 | 0.3  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 1.0   | -0.2 | -0.0 | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.0   | -0.2 | -0.3 | 0.0 | 0.0 |
|    |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |     |
| 55 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 0.8   | 0.8  | 1.9  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.8   | 0.8  | 2.1  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.3   | 0.8  | 6.7  | 0.0 | 0.0 |
|    |            |            | Min        | I   | 0.0              | 0.0 | -16.9 | -0.2 | -4.7 | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | -16.9 | -0.2 | -2.1 | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | -16.8 | -0.2 | -1.5 | 0.0 | 0.0 |
|    |            |            | PP         | I   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            | perm       | I   | 0.0              | 0.0 | 1.1   | -0.2 | 0.3  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 1.1   | -0.2 | -0.0 | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.1   | -0.2 | -0.3 | 0.0 | 0.0 |
|    |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |     |
| 56 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 0.8   | 0.7  | 2.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.8   | 0.7  | 2.3  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.2   | 0.7  | 7.0  | 0.0 | 0.0 |
|    |            |            | Min        | I   | 0.0              | 0.0 | -17.3 | -0.2 | -4.8 | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | -17.3 | -0.2 | -2.4 | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | -17.1 | -0.2 | -1.7 | 0.0 | 0.0 |
|    |            |            | PP         | I   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            | perm       | I   | 0.0              | 0.0 | 1.2   | -0.2 | 0.4  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 1.2   | -0.2 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.2   | -0.2 | -0.4 | 0.0 | 0.0 |
|    |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |     |
| 57 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 0.8   | 0.7  | 2.2  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.8   | 0.7  | 2.6  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.3   | 0.7  | 7.3  | 0.0 | 0.0 |
|    |            |            | Min        | I   | 0.0              | 0.0 | -17.5 | -0.2 | -4.7 | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | -17.5 | -0.2 | -2.6 | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | -17.4 | -0.2 | -1.8 | 0.0 | 0.0 |
|    |            |            | PP         | I   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            | perm       | I   | 0.0              | 0.0 | 1.3   | -0.1 | 0.4  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 1.3   | -0.1 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.3   | -0.1 | -0.4 | 0.0 | 0.0 |
|    |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|    | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |     |
| 58 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 0.8   | 0.7  | 2.3  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.8   | 0.7  | 2.8  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 1.3   | 0.7  | 7.6  | 0.0 | 0.0 |
|    |            |            | Min        | I   | 0.0              | 0.0 | -17.7 | -0.2 | -4.7 | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | -17.7 | -0.2 | -2.8 | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | -17.6 | -0.2 | -2.0 | 0.0 | 0.0 |
|    |            |            | PP         | I   | 0.0              | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 | 0.0 |
|    |            |            |            | CNT | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            |            | J   | 0.0              | 0.0 | 0.0   | -0.0 | 0.0  | 0.0 | 0.0 |
|    |            |            | perm       | I   | 0.0              | 0.0 | 1.4   | -0.1 | 0.4  | 0.0 | 0.0 |

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|    |   |            |            |          |         |     |       |      |      |     |
|----|---|------------|------------|----------|---------|-----|-------|------|------|-----|
|    |   |            | CNT        | 0.0      | 0.0     | 1.4 | -0.1  | 0.0  | 0.0  |     |
|    |   |            | J          | 0.0      | 0.0     | 1.4 | -0.1  | -0.4 | 0.0  |     |
|    |   | acc        | I          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  |     |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  |     |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  |     |
|    |   | Length = 2 | Type: Beam | Section: | soletta |     |       |      |      |     |
| 59 | 2 | 3 c mobili | Max        | I        | 0.0     | 0.0 | 0.8   | 0.6  | 2.4  | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | 0.8   | 0.6  | 3.0  | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | 1.3   | 0.6  | 7.8  | 0.0 |
|    |   |            | Min        | I        | 0.0     | 0.0 | -17.9 | -0.2 | -4.8 | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | -17.9 | -0.2 | -3.0 | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | -17.7 | -0.2 | -2.1 | 0.0 |
|    |   | pp         | I          | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|    |   | perm       | I          | 0.0      | 0.0     | 1.4 | -0.1  | 0.4  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 1.4 | -0.1  | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 1.4 | -0.1  | -0.4 | 0.0  | 0.0 |
|    |   | acc        | I          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   | Length = 2 | Type: Beam | Section: | soletta |     |       |      |      |     |
| 60 | 2 | 3 c mobili | Max        | I        | 0.0     | 0.0 | 0.8   | 0.6  | 2.5  | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | 0.8   | 0.6  | 3.2  | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | 1.3   | 0.6  | 8.0  | 0.0 |
|    |   |            | Min        | I        | 0.0     | 0.0 | -18.0 | -0.2 | -4.9 | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | -18.0 | -0.2 | -3.1 | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | -17.8 | -0.2 | -2.3 | 0.0 |
|    |   | pp         | I          | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|    |   | perm       | I          | 0.0      | 0.0     | 1.5 | -0.1  | 0.5  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 1.5 | -0.1  | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 1.5 | -0.1  | -0.4 | 0.0  | 0.0 |
|    |   | acc        | I          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   | Length = 2 | Type: Beam | Section: | soletta |     |       |      |      |     |
| 61 | 2 | 3 c mobili | Max        | I        | 0.0     | 0.0 | 0.8   | 0.6  | 2.6  | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | 0.8   | 0.6  | 3.4  | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | 1.3   | 0.6  | 8.2  | 0.0 |
|    |   |            | Min        | I        | 0.0     | 0.0 | -18.0 | -0.2 | -4.9 | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | -18.0 | -0.2 | -3.3 | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | -17.9 | -0.2 | -2.4 | 0.0 |
|    |   | pp         | I          | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|    |   | perm       | I          | 0.0      | 0.0     | 1.5 | -0.1  | 0.5  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 1.5 | -0.1  | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 1.5 | -0.1  | -0.4 | 0.0  | 0.0 |
|    |   | acc        | I          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   | Length = 2 | Type: Beam | Section: | soletta |     |       |      |      |     |
| 62 | 2 | 3 c mobili | Max        | I        | 0.0     | 0.0 | 0.8   | 0.5  | 2.7  | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | 0.8   | 0.5  | 3.5  | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | 1.3   | 0.5  | 8.3  | 0.0 |
|    |   |            | Min        | I        | 0.0     | 0.0 | -18.1 | -0.2 | -4.9 | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | -18.1 | -0.2 | -3.4 | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | -18.0 | -0.2 | -2.5 | 0.0 |
|    |   | pp         | I          | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | -0.0  | 0.1  | 0.0  | 0.0 |
|    |   | perm       | I          | 0.0      | 0.0     | 1.6 | -0.1  | 0.5  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 1.6 | -0.1  | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 1.6 | -0.1  | -0.4 | 0.0  | 0.0 |
|    |   | acc        | I          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | CNT        | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   |            | J          | 0.0      | 0.0     | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|    |   | Length = 2 | Type: Beam | Section: | soletta |     |       |      |      |     |
| 63 | 2 | 3 c mobili | Max        | I        | 0.0     | 0.0 | 0.8   | 0.5  | 2.8  | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | 0.8   | 0.5  | 3.7  | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | 1.3   | 0.5  | 8.4  | 0.0 |
|    |   |            | Min        | I        | 0.0     | 0.0 | -18.1 | -0.2 | -5.0 | 0.0 |
|    |   |            |            | CNT      | 0.0     | 0.0 | -18.1 | -0.2 | -3.5 | 0.0 |
|    |   |            |            | J        | 0.0     | 0.0 | -18.0 | -0.2 | -2.6 | 0.0 |

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|    |            |            |            |      |                  |     |       |      |      |      |     |
|----|------------|------------|------------|------|------------------|-----|-------|------|------|------|-----|
|    |            |            |            | PP   | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            | perm | I                | 0.0 | 0.0   | 1.6  | -0.1 | 0.5  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 1.6  | -0.1 | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 1.6  | -0.1 | -0.4 | 0.0 |
|    |            |            |            | acc  | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    | Length = 2 |            | Type: Beam |      | Section: soletta |     |       |      |      |      |     |
| 64 | 2          | 3 c mobili | Max        | I    | 0.0              | 0.0 | 0.8   | 0.4  | 2.8  | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | 0.8   | 0.4  | 3.8  | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | 1.3   | 0.4  | 8.5  | 0.0  |     |
|    |            |            | Min        | I    | 0.0              | 0.0 | -18.1 | -0.2 | -5.0 | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | -18.1 | -0.2 | -3.6 | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | -18.0 | -0.2 | -2.7 | 0.0  |     |
|    |            |            |            | PP   | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            | perm | I                | 0.0 | 0.0   | 1.6  | -0.1 | 0.5  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 1.6  | -0.1 | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 1.6  | -0.1 | -0.4 | 0.0 |
|    |            |            |            | acc  | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    | Length = 2 |            | Type: Beam |      | Section: soletta |     |       |      |      |      |     |
| 65 | 2          | 3 c mobili | Max        | I    | 0.0              | 0.0 | 0.7   | 0.4  | 2.9  | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | 0.7   | 0.4  | 3.9  | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | 1.2   | 0.4  | 8.6  | 0.0  |     |
|    |            |            | Min        | I    | 0.0              | 0.0 | -18.2 | -0.2 | -5.0 | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | -18.2 | -0.2 | -3.7 | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | -18.0 | -0.2 | -2.7 | 0.0  |     |
|    |            |            |            | PP   | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            | perm | I                | 0.0 | 0.0   | 1.6  | -0.1 | 0.5  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 1.6  | -0.1 | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 1.6  | -0.1 | -0.4 | 0.0 |
|    |            |            |            | acc  | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    | Length = 2 |            | Type: Beam |      | Section: soletta |     |       |      |      |      |     |
| 66 | 2          | 3 c mobili | Max        | I    | 0.0              | 0.0 | 0.7   | 0.4  | 2.9  | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | 0.7   | 0.4  | 4.0  | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | 1.2   | 0.4  | 8.7  | 0.0  |     |
|    |            |            | Min        | I    | 0.0              | 0.0 | -18.2 | -0.2 | -5.1 | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | -18.2 | -0.2 | -3.7 | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | -18.0 | -0.2 | -2.8 | 0.0  |     |
|    |            |            |            | PP   | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            | perm | I                | 0.0 | 0.0   | 1.6  | -0.0 | 0.5  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 1.6  | -0.0 | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 1.6  | -0.0 | -0.5 | 0.0 |
|    |            |            |            | acc  | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    | Length = 2 |            | Type: Beam |      | Section: soletta |     |       |      |      |      |     |
| 67 | 2          | 3 c mobili | Max        | I    | 0.0              | 0.0 | 0.7   | 0.3  | 2.9  | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | 0.7   | 0.3  | 4.0  | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | 1.2   | 0.3  | 8.8  | 0.0  |     |
|    |            |            | Min        | I    | 0.0              | 0.0 | -18.2 | -0.3 | -5.1 | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | -18.2 | -0.3 | -3.8 | 0.0  |     |
|    |            |            |            | J    | 0.0              | 0.0 | -18.0 | -0.3 | -2.8 | 0.0  |     |
|    |            |            |            | PP   | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|    |            |            |            | perm | I                | 0.0 | 0.0   | 1.6  | -0.0 | 0.5  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 1.6  | -0.0 | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 1.6  | -0.0 | -0.5 | 0.0 |
|    |            |            |            | acc  | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    |            |            |            |      | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|    | Length = 2 |            | Type: Beam |      | Section: soletta |     |       |      |      |      |     |
| 68 | 2          | 3 c mobili | Max        | I    | 0.0              | 0.0 | 0.7   | 0.3  | 2.9  | 0.0  |     |
|    |            |            |            | CNT  | 0.0              | 0.0 | 0.7   | 0.3  | 4.1  | 0.0  |     |

|    |   |            |            |                  |     |       |      |      |     |     |
|----|---|------------|------------|------------------|-----|-------|------|------|-----|-----|
|    |   |            | J          | 0.0              | 0.0 | 1.2   | 0.3  | 8.8  | 0.0 |     |
|    |   | Min        | I          | 0.0              | 0.0 | -18.2 | -0.3 | -5.2 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -18.2 | -0.3 | -3.8 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -18.0 | -0.3 | -2.9 | 0.0 |     |
|    |   | pp         | I          | 0.0              | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 1.7   | -0.0 | 0.5  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 1.7   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 1.7   | -0.0 | -0.5 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 69 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 0.6  | 0.3  | 2.8 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 0.6  | 0.3  | 4.1 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 1.1  | 0.3  | 8.8 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -18.2 | -0.3 | -5.2 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -18.2 | -0.3 | -3.8 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -18.0 | -0.3 | -2.9 | 0.0 |     |
|    |   | pp         | I          | 0.0              | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 1.7   | -0.0 | 0.5  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 1.7   | -0.0 | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 1.7   | -0.0 | -0.5 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 70 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 0.6  | 0.3  | 2.8 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 0.6  | 0.3  | 4.1 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 1.1  | 0.3  | 8.8 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -18.2 | -0.3 | -5.2 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -18.2 | -0.3 | -3.8 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -18.0 | -0.3 | -2.9 | 0.0 |     |
|    |   | pp         | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 1.7   | 0.0  | 0.5  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 1.7   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 1.7   | 0.0  | -0.5 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 71 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 0.6  | 0.3  | 2.8 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 0.6  | 0.3  | 4.1 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 1.1  | 0.3  | 8.8 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -18.2 | -0.3 | -5.2 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -18.2 | -0.3 | -3.8 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -18.0 | -0.3 | -2.9 | 0.0 |     |
|    |   | pp         | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 1.7   | 0.0  | 0.5  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 1.7   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 1.7   | 0.0  | -0.5 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 72 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 0.7  | 0.3  | 2.9 | 0.0 |
|    |   |            |            | CNT              | 0.0 | 0.0   | 0.7  | 0.3  | 4.1 | 0.0 |
|    |   |            |            | J                | 0.0 | 0.0   | 1.2  | 0.3  | 8.8 | 0.0 |
|    |   | Min        | I          | 0.0              | 0.0 | -18.2 | -0.3 | -5.2 | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | -18.2 | -0.3 | -3.8 | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | -18.0 | -0.3 | -2.9 | 0.0 |     |
|    |   | pp         | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|    |   | perm       | I          | 0.0              | 0.0 | 1.7   | 0.0  | 0.5  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 1.7   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 1.7   | 0.0  | -0.5 | 0.0 |     |
|    |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|    |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |

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|            |     |            |                  |            |                  |       |       |       |       |      |      |     |
|------------|-----|------------|------------------|------------|------------------|-------|-------|-------|-------|------|------|-----|
| Length = 2 |     | Type: Beam | Section: soletta |            |                  |       |       |       |       |      |      |     |
| 73         | 2   | 3 c mobili | Max              | I          | 0.0              | 0.0   | 0.7   | 0.3   | 2.9   | 0.0  |      |     |
|            |     |            | CNT              | 0.0        | 0.0              | 0.7   | 0.3   | 4.0   | 0.0   |      |      |     |
|            |     |            | J                | 0.0        | 0.0              | 1.2   | 0.3   | 8.8   | 0.0   |      |      |     |
|            |     |            | Min              | I          | 0.0              | 0.0   | -18.2 | -0.3  | -5.1  | 0.0  |      |     |
|            |     |            | CNT              | 0.0        | 0.0              | -18.2 | -0.3  | -3.8  | 0.0   |      |      |     |
|            |     |            | J                | 0.0        | 0.0              | -18.0 | -0.3  | -2.8  | 0.0   |      |      |     |
|            |     |            | PP               | I          | 0.0              | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |      |     |
|            |     |            | CNT              | 0.0        | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
|            |     |            | J                | 0.0        | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
|            |     | perm       | I                | 0.0        | 0.0              | 1.6   | 0.0   | 0.5   | 0.0   |      |      |     |
|            |     | CNT        | 0.0              | 0.0        | 1.6              | 0.0   | 0.0   | 0.0   |       |      |      |     |
|            |     | J          | 0.0              | 0.0        | 1.6              | 0.0   | -0.5  | 0.0   |       |      |      |     |
|            |     | acc        | I                | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   | 0.0   |      |      |     |
|            |     | CNT        | 0.0              | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
|            |     | J          | 0.0              | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
|            |     | Length = 2 |                  | Type: Beam | Section: soletta |       |       |       |       |      |      |     |
|            |     | 74         | 2                | 3 c mobili | Max              | I     | 0.0   | 0.0   | 0.7   | 0.2  | 2.9  | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | 0.7   | 0.2   | 4.0  | 0.0  |     |
|            |     |            |                  |            | J                | 0.0   | 0.0   | 1.2   | 0.2   | 8.7  | 0.0  |     |
|            |     |            |                  |            | Min              | I     | 0.0   | 0.0   | -18.2 | -0.4 | -5.1 | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | -18.2 | -0.4  | -3.7 | 0.0  |     |
| J          | 0.0 |            |                  |            | 0.0              | -18.0 | -0.4  | -2.8  | 0.0   |      |      |     |
| PP         | I   |            |                  |            | 0.0              | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |      |     |
| CNT        | 0.0 |            |                  |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
| J          | 0.0 |            |                  |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
| perm       | I   |            |                  | 0.0        | 0.0              | 1.6   | 0.0   | 0.5   | 0.0   |      |      |     |
| CNT        | 0.0 |            |                  | 0.0        | 1.6              | 0.0   | 0.0   | 0.0   |       |      |      |     |
| J          | 0.0 |            |                  | 0.0        | 1.6              | 0.0   | -0.5  | 0.0   |       |      |      |     |
| acc        | I   |            |                  | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   | 0.0   |      |      |     |
| CNT        | 0.0 |            |                  | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
| J          | 0.0 |            |                  | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
| Length = 2 |     |            |                  | Type: Beam | Section: soletta |       |       |       |       |      |      |     |
| 75         | 2   |            |                  | 3 c mobili | Max              | I     | 0.0   | 0.0   | 0.7   | 0.2  | 2.9  | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | 0.7   | 0.2   | 3.9  | 0.0  |     |
|            |     |            |                  |            | J                | 0.0   | 0.0   | 1.2   | 0.2   | 8.6  | 0.0  |     |
|            |     |            |                  |            | Min              | I     | 0.0   | 0.0   | -18.2 | -0.4 | -5.0 | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | -18.2 | -0.4  | -3.7 | 0.0  |     |
|            |     | J          | 0.0              |            | 0.0              | -18.0 | -0.4  | -2.7  | 0.0   |      |      |     |
|            |     | PP         | I                |            | 0.0              | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |      |     |
|            |     | CNT        | 0.0              |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
|            |     | J          | 0.0              |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
|            |     | perm       | I                | 0.0        | 0.0              | 1.6   | 0.1   | 0.5   | 0.0   |      |      |     |
|            |     | CNT        | 0.0              | 0.0        | 1.6              | 0.1   | 0.0   | 0.0   |       |      |      |     |
|            |     | J          | 0.0              | 0.0        | 1.6              | 0.1   | -0.4  | 0.0   |       |      |      |     |
|            |     | acc        | I                | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   | 0.0   |      |      |     |
|            |     | CNT        | 0.0              | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
|            |     | J          | 0.0              | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
|            |     | Length = 2 |                  | Type: Beam | Section: soletta |       |       |       |       |      |      |     |
|            |     | 76         | 2                | 3 c mobili | Max              | I     | 0.0   | 0.0   | 0.8   | 0.2  | 2.8  | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | 0.8   | 0.2   | 3.8  | 0.0  |     |
|            |     |            |                  |            | J                | 0.0   | 0.0   | 1.3   | 0.2   | 8.5  | 0.0  |     |
|            |     |            |                  |            | Min              | I     | 0.0   | 0.0   | -18.1 | -0.4 | -5.0 | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | -18.1 | -0.4  | -3.6 | 0.0  |     |
| J          | 0.0 |            |                  |            | 0.0              | -18.0 | -0.4  | -2.7  | 0.0   |      |      |     |
| PP         | I   |            |                  |            | 0.0              | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |      |     |
| CNT        | 0.0 |            |                  |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
| J          | 0.0 |            |                  |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
| perm       | I   |            |                  | 0.0        | 0.0              | 1.6   | 0.1   | 0.5   | 0.0   |      |      |     |
| CNT        | 0.0 |            |                  | 0.0        | 1.6              | 0.1   | 0.0   | 0.0   |       |      |      |     |
| J          | 0.0 |            |                  | 0.0        | 1.6              | 0.1   | -0.4  | 0.0   |       |      |      |     |
| acc        | I   |            |                  | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   | 0.0   |      |      |     |
| CNT        | 0.0 |            |                  | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
| J          | 0.0 |            |                  | 0.0        | 0.0              | 0.0   | 0.0   | 0.0   |       |      |      |     |
| Length = 2 |     |            |                  | Type: Beam | Section: soletta |       |       |       |       |      |      |     |
| 77         | 2   |            |                  | 3 c mobili | Max              | I     | 0.0   | 0.0   | 0.8   | 0.2  | 2.8  | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | 0.8   | 0.2   | 3.7  | 0.0  |     |
|            |     |            |                  |            | J                | 0.0   | 0.0   | 1.3   | 0.2   | 8.4  | 0.0  |     |
|            |     |            |                  |            | Min              | I     | 0.0   | 0.0   | -18.1 | -0.5 | -5.0 | 0.0 |
|            |     |            |                  |            | CNT              | 0.0   | 0.0   | -18.1 | -0.5  | -3.5 | 0.0  |     |
|            |     | J          | 0.0              |            | 0.0              | -18.0 | -0.5  | -2.6  | 0.0   |      |      |     |
|            |     | PP         | I                |            | 0.0              | 0.0   | 0.0   | 0.0   | 0.1   | 0.0  |      |     |
|            |     | CNT        | 0.0              |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
|            |     | J          | 0.0              |            | 0.0              | 0.0   | 0.0   | 0.1   | 0.0   |      |      |     |
|            |     | perm       | I                | 0.0        | 0.0              | 1.6   | 0.1   | 0.5   | 0.0   |      |      |     |
|            |     | CNT        | 0.0              | 0.0        | 1.6              | 0.1   | 0.0   | 0.0   |       |      |      |     |



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|    |            |                |                  |     |     |     |       |      |      |     |     |     |
|----|------------|----------------|------------------|-----|-----|-----|-------|------|------|-----|-----|-----|
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            | perm           |                  | I   | 0.0 | 0.0 | 1.4   | 0.1  | 0.4  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 1.4   | 0.1  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.4   | 0.1  | -0.4 | 0.0 | 0.0 | 0.0 |
|    |            | acc            |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    | Length = 2 | Type: Beam     | Section: soletta |     |     |     |       |      |      |     |     |     |
| 83 | 2          | 3 c mobili Max |                  | I   | 0.0 | 0.0 | 0.8   | 0.2  | 2.2  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.8   | 0.2  | 2.6  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.3   | 0.2  | 7.3  | 0.0 | 0.0 | 0.0 |
|    |            | Min            |                  | I   | 0.0 | 0.0 | -17.5 | -0.7 | -4.7 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | -17.5 | -0.7 | -2.6 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | -17.4 | -0.7 | -1.8 | 0.0 | 0.0 | 0.0 |
|    |            | pp             |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            | perm           |                  | I   | 0.0 | 0.0 | 1.3   | 0.1  | 0.4  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 1.3   | 0.1  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.3   | 0.1  | -0.4 | 0.0 | 0.0 | 0.0 |
|    |            | acc            |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    | Length = 2 | Type: Beam     | Section: soletta |     |     |     |       |      |      |     |     |     |
| 84 | 2          | 3 c mobili Max |                  | I   | 0.0 | 0.0 | 0.8   | 0.2  | 2.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.8   | 0.2  | 2.3  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.2   | 0.2  | 7.0  | 0.0 | 0.0 | 0.0 |
|    |            | Min            |                  | I   | 0.0 | 0.0 | -17.3 | -0.7 | -4.8 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | -17.3 | -0.7 | -2.4 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | -17.1 | -0.7 | -1.7 | 0.0 | 0.0 | 0.0 |
|    |            | pp             |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            | perm           |                  | I   | 0.0 | 0.0 | 1.2   | 0.2  | 0.4  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 1.2   | 0.2  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.2   | 0.2  | -0.4 | 0.0 | 0.0 | 0.0 |
|    |            | acc            |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    | Length = 2 | Type: Beam     | Section: soletta |     |     |     |       |      |      |     |     |     |
| 85 | 2          | 3 c mobili Max |                  | I   | 0.0 | 0.0 | 0.8   | 0.2  | 1.9  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.8   | 0.2  | 2.1  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.3   | 0.2  | 6.7  | 0.0 | 0.0 | 0.0 |
|    |            | Min            |                  | I   | 0.0 | 0.0 | -16.9 | -0.8 | -4.7 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | -16.9 | -0.8 | -2.1 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | -16.8 | -0.8 | -1.5 | 0.0 | 0.0 | 0.0 |
|    |            | pp             |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            | perm           |                  | I   | 0.0 | 0.0 | 1.1   | 0.2  | 0.3  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 1.1   | 0.2  | -0.0 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.1   | 0.2  | -0.3 | 0.0 | 0.0 | 0.0 |
|    |            | acc            |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    | Length = 2 | Type: Beam     | Section: soletta |     |     |     |       |      |      |     |     |     |
| 86 | 2          | 3 c mobili Max |                  | I   | 0.0 | 0.0 | 0.8   | 0.2  | 1.7  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.8   | 0.2  | 1.8  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.3   | 0.2  | 6.3  | 0.0 | 0.0 | 0.0 |
|    |            | Min            |                  | I   | 0.0 | 0.0 | -16.4 | -0.8 | -4.7 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | -16.4 | -0.8 | -1.9 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | -16.3 | -0.8 | -1.3 | 0.0 | 0.0 | 0.0 |
|    |            | pp             |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            | perm           |                  | I   | 0.0 | 0.0 | 1.0   | 0.2  | 0.3  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 1.0   | 0.2  | -0.0 | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.0   | 0.2  | -0.3 | 0.0 | 0.0 | 0.0 |
|    |            | acc            |                  | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 |
|    | Length = 2 | Type: Beam     | Section: soletta |     |     |     |       |      |      |     |     |     |
| 87 | 2          | 3 c mobili Max |                  | I   | 0.0 | 0.0 | 0.9   | 0.2  | 1.6  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | CNT | 0.0 | 0.0 | 0.9   | 0.2  | 1.6  | 0.0 | 0.0 | 0.0 |
|    |            |                |                  | J   | 0.0 | 0.0 | 1.4   | 0.2  | 5.9  | 0.0 | 0.0 | 0.0 |



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|    |   |   |              |            |            |     |       |                  |      |      |     |
|----|---|---|--------------|------------|------------|-----|-------|------------------|------|------|-----|
|    |   |   |              | Min        | I          | 0.0 | 0.0   | -15.7            | -0.8 | -4.5 | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | -15.7            | -0.8 | -1.6 | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | -15.5            | -0.8 | -1.1 | 0.0 |
|    |   |   |              | pp         | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              | perm       | I          | 0.0 | 0.0   | 0.8              | 0.2  | 0.2  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.8              | 0.2  | -0.0 | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.8              | 0.2  | -0.3 | 0.0 |
|    |   |   |              | acc        | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              | Length = 2 | Type: Beam |     |       | Section: soletta |      |      |     |
| 88 | 2 | 3 | c mobili Max | I          | 0.0        | 0.0 | 1.2   | 0.2              | 1.5  | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | 1.2   | 0.2              | 1.3  | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | 1.6              | 0.2  | 5.4  | 0.0 |
|    |   |   | Min          | I          | 0.0        | 0.0 | -14.6 | -0.8             | -4.1 | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | -14.6 | -0.8             | -1.3 | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | -14.4            | -0.8 | -0.9 | 0.0 |
|    |   |   |              | pp         | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              | perm       | I          | 0.0 | 0.0   | 0.6              | 0.2  | 0.2  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.6              | 0.2  | -0.0 | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.6              | 0.2  | -0.2 | 0.0 |
|    |   |   |              | acc        | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              | Length = 2 | Type: Beam |     |       | Section: soletta |      |      |     |
| 89 | 2 | 3 | c mobili Max | I          | 0.0        | 0.0 | 1.9   | 0.2              | 1.5  | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | 1.9   | 0.2              | 1.1  | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | 2.3              | 0.2  | 4.6  | 0.0 |
|    |   |   | Min          | I          | 0.0        | 0.0 | -13.0 | -0.9             | -3.7 | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | -13.0 | -0.9             | -1.0 | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | -12.8            | -0.9 | -0.8 | 0.0 |
|    |   |   |              | pp         | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              | perm       | I          | 0.0 | 0.0   | 0.3              | 0.2  | 0.1  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.3              | 0.2  | -0.0 | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.3              | 0.2  | -0.1 | 0.0 |
|    |   |   |              | acc        | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              | Length = 2 | Type: Beam |     |       | Section: soletta |      |      |     |
| 90 | 2 | 3 | c mobili Max | I          | 0.0        | 0.0 | 3.3   | 0.2              | 1.6  | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | 3.3   | 0.2              | 0.8  | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | 3.7              | 0.2  | 3.7  | 0.0 |
|    |   |   | Min          | I          | 0.0        | 0.0 | -10.8 | -0.9             | -3.0 | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | -10.8 | -0.9             | -0.7 | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | -10.6            | -0.9 | -0.9 | 0.0 |
|    |   |   |              | pp         | I          | 0.0 | 0.0   | -0.0             | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | -0.0             | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | -0.0             | 0.0  | 0.0  | 0.0 |
|    |   |   |              | perm       | I          | 0.0 | 0.0   | -0.2             | 0.2  | -0.1 | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | -0.2             | 0.2  | -0.0 | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | -0.2             | 0.2  | 0.0  | 0.0 |
|    |   |   |              | acc        | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              | Length = 2 | Type: Beam |     |       | Section: soletta |      |      |     |
| 91 | 2 | 3 | c mobili Max | I          | 0.0        | 0.0 | 6.0   | 0.2              | 2.2  | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | 6.0   | 0.2              | 0.5  | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | 6.4              | 0.2  | 2.5  | 0.0 |
|    |   |   | Min          | I          | 0.0        | 0.0 | -7.4  | -0.9             | -2.1 | 0.0  |     |
|    |   |   |              | CNT        | 0.0        | 0.0 | -7.4  | -0.9             | -0.4 | 0.0  |     |
|    |   |   |              |            | J          | 0.0 | 0.0   | -7.2             | -0.9 | -1.4 | 0.0 |
|    |   |   |              | pp         | I          | 0.0 | 0.0   | -0.0             | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | -0.0             | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | -0.0             | 0.0  | 0.0  | 0.0 |
|    |   |   |              | perm       | I          | 0.0 | 0.0   | -0.9             | 0.2  | -0.3 | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | -0.9             | 0.2  | -0.0 | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | -0.9             | 0.2  | 0.2  | 0.0 |
|    |   |   |              | acc        | I          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | CNT        | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |
|    |   |   |              |            | J          | 0.0 | 0.0   | 0.0              | 0.0  | 0.0  | 0.0 |

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|              |     |              |                  |            |                       |        |        |        |        |        |       |     |
|--------------|-----|--------------|------------------|------------|-----------------------|--------|--------|--------|--------|--------|-------|-----|
| Length = 2   |     | Type: Beam   | Section: soletta |            |                       |        |        |        |        |        |       |     |
| 92           | 2   | 3 c mobili   | Max              | I          | 0.0                   | 0.0    | 11.1   | 0.2    | 3.6    | 0.0    |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | 11.1   | 0.2    | 0.3    | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | 11.5   | 0.2    | 1.4    | 0.0    |        |       |     |
|              |     |              | Min              | I          | 0.0                   | 0.0    | -4.4   | -0.9   | -1.2   | 0.0    |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | -4.4   | -0.9   | -0.1   | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | -4.2   | -0.9   | -3.1   | 0.0    |        |       |     |
|              |     | pp           | I                | 0.0        | 0.0                   | -0.0   | 0.0    | -0.0   | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | -0.0   | 0.0    | -0.0   | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | -0.0   | 0.0    | 0.0    | 0.0    |        |       |     |
|              |     | perm         | I                | 0.0        | 0.0                   | -2.0   | 0.2    | -0.6   | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | -2.0   | 0.2    | -0.0   | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | -2.0   | 0.2    | 0.6    | 0.0    |        |       |     |
|              |     | acc          | I                | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              |     | Length = 2   |                  | Type: Beam | Section: soletta      |        |        |        |        |        |       |     |
|              |     | 93           | 2                | 4 c mobili | Max                   | I      | 0.0    | 0.0    | 79.8   | 4.1    | 49.8  | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | 79.8   | 4.1    | 39.2   | 0.0   |     |
|              |     |              |                  |            | J                     | 0.0    | 0.0    | 79.8   | 4.1    | 39.1   | 0.0   |     |
|              |     |              |                  |            | Min                   | I      | 0.0    | 0.0    | -38.3  | -14.4  | -18.0 | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | -38.3  | -14.4  | -18.2  | 0.0   |     |
| J            | 0.0 |              |                  |            | 0.0                   | -38.1  | -14.4  | -24.7  | 0.0    |        |       |     |
| pp           | I   |              |                  | 0.0        | 0.0                   | -0.6   | 0.2    | -0.9   | 0.0    |        |       |     |
|              | CNT |              |                  | 0.0        | 0.0                   | -0.6   | 0.2    | -0.7   | 0.0    |        |       |     |
|              | J   |              |                  | 0.0        | 0.0                   | -0.6   | 0.2    | -0.6   | 0.0    |        |       |     |
| perm         | I   |              |                  | 0.0        | 0.0                   | -17.7  | 2.9    | -10.6  | 0.0    |        |       |     |
|              | CNT |              |                  | 0.0        | 0.0                   | -17.7  | 2.9    | -5.3   | 0.0    |        |       |     |
|              | J   |              |                  | 0.0        | 0.0                   | -17.7  | 2.9    | 0.0    | 0.0    |        |       |     |
| acc          | I   |              |                  | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              | CNT |              |                  | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              | J   |              |                  | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
| Length = 2   |     |              |                  | Type: Beam | Section: traverso cap |        |        |        |        |        |       |     |
| 94           | 1   |              |                  | 1 c mobili | Max                   | I      | 0.0    | 0.0    | 134.5  | 57.6   | 7.6   | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | 134.5  | 57.6   | 22.8   | 0.0   |     |
|              |     |              |                  |            | J                     | 0.0    | 0.0    | 134.5  | 57.6   | 38.7   | 0.0   |     |
|              |     |              |                  |            | Min                   | I      | 0.0    | 0.0    | -63.3  | -139.1 | -9.6  | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | -63.3  | -139.1 | -36.3  | 0.0   |     |
|              |     | J            | 0.0              |            | 0.0                   | -63.3  | -139.1 | -69.9  | 0.0    |        |       |     |
|              |     | pp           | I                | 0.0        | 0.0                   | 0.7    | 2.3    | -0.2   | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | 7.0    | 2.3    | -1.1   | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | 13.4   | 2.3    | -3.7   | 0.0    |        |       |     |
|              |     | perm         | I                | 0.0        | 0.0                   | -3.7   | 22.8   | 0.5    | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | -2.2   | 22.8   | 1.2    | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | -0.7   | 22.8   | 1.6    | 0.0    |        |       |     |
|              |     | acc          | I                | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              |     | Length = 0.5 |                  | Type: Beam | Section: cap          |        |        |        |        |        |       |     |
|              |     | 95           | 1                | 1 c mobili | Max                   | I      | 0.0    | 0.0    | 8.3    | 55.1   | 39.1  | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | 8.3    | 55.1   | 62.7   | 0.0   |     |
|              |     |              |                  |            | J                     | 0.0    | 0.0    | 8.3    | 55.1   | 120.1  | 0.0   |     |
|              |     |              |                  |            | Min                   | I      | 0.0    | 0.0    | -265.6 | -149.9 | -70.0 | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | -265.6 | -149.9 | -51.5  | 0.0   |     |
| J            | 0.0 |              |                  |            | 0.0                   | -265.6 | -149.9 | -46.9  | 0.0    |        |       |     |
| pp           | I   |              |                  | 0.0        | 0.0                   | -279.6 | 2.4    | -3.7   | 0.0    |        |       |     |
|              | CNT |              |                  | 0.0        | 0.0                   | -273.3 | 2.4    | 65.4   | 0.0    |        |       |     |
|              | J   |              |                  | 0.0        | 0.0                   | -266.9 | 2.4    | 132.9  | 0.0    |        |       |     |
| perm         | I   |              |                  | 0.0        | 0.0                   | -78.3  | 25.6   | 1.6    | 0.0    |        |       |     |
|              | CNT |              |                  | 0.0        | 0.0                   | -76.8  | 25.6   | 21.0   | 0.0    |        |       |     |
|              | J   |              |                  | 0.0        | 0.0                   | -75.3  | 25.6   | 40.1   | 0.0    |        |       |     |
| acc          | I   |              |                  | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              | CNT |              |                  | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
|              | J   |              |                  | 0.0        | 0.0                   | 0.0    | 0.0    | 0.0    | 0.0    |        |       |     |
| Length = 0.5 |     |              |                  | Type: Beam | Section: cap          |        |        |        |        |        |       |     |
| 96           | 1   |              |                  | 1 c mobili | Max                   | I      | 0.0    | 0.0    | 11.2   | 52.9   | 120.0 | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | 11.2   | 52.9   | 166.9  | 0.0   |     |
|              |     |              |                  |            | J                     | 0.0    | 0.0    | 11.2   | 52.9   | 227.7  | 0.0   |     |
|              |     |              |                  |            | Min                   | I      | 0.0    | 0.0    | -244.6 | -155.0 | -46.8 | 0.0 |
|              |     |              |                  |            | CNT                   | 0.0    | 0.0    | -244.6 | -155.0 | -45.4  | 0.0   |     |
|              |     | J            | 0.0              |            | 0.0                   | -244.6 | -155.0 | -43.9  | 0.0    |        |       |     |
|              |     | pp           | I                | 0.0        | 0.0                   | -266.9 | 2.4    | 132.9  | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | -260.5 | 2.4    | 198.8  | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | -254.1 | 2.4    | 263.2  | 0.0    |        |       |     |
|              |     | perm         | I                | 0.0        | 0.0                   | -75.9  | 26.9   | 40.1   | 0.0    |        |       |     |
|              |     |              | CNT              | 0.0        | 0.0                   | -74.4  | 26.9   | 58.9   | 0.0    |        |       |     |
|              |     |              | J                | 0.0        | 0.0                   | -72.9  | 26.9   | 77.3   | 0.0    |        |       |     |

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|     |              |                |              |     |     |        |        |       |     |  |
|-----|--------------|----------------|--------------|-----|-----|--------|--------|-------|-----|--|
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |       |     |  |
| 97  | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 18.8   | 50.7   | 227.5 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 18.8   | 50.7   | 266.1 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 18.8   | 50.7   | 323.0 | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -229.0 | -156.6 | -43.9 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -229.0 | -156.6 | -42.7 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -229.0 | -156.6 | -41.5 | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -254.1 | 2.4    | 263.2 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -247.8 | 2.4    | 325.9 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -241.4 | 2.4    | 387.0 | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -73.0  | 27.3   | 77.3  | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -71.5  | 27.3   | 95.4  | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -70.0  | 27.3   | 113.1 | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |       |     |  |
| 98  | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 28.4   | 48.4   | 322.8 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 28.4   | 48.4   | 354.8 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 28.4   | 48.4   | 408.7 | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -216.9 | -155.9 | -41.5 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -216.9 | -155.9 | -40.5 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -216.9 | -155.9 | -39.5 | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -241.4 | 2.4    | 387.0 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -235.0 | 2.4    | 446.6 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -228.7 | 2.4    | 504.6 | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -69.8  | 27.2   | 113.1 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -68.3  | 27.2   | 130.4 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -66.8  | 27.2   | 147.3 | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |       |     |  |
| 99  | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 38.3   | 46.1   | 408.4 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 38.3   | 46.1   | 435.4 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 38.3   | 46.1   | 486.4 | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -207.2 | -153.5 | -39.5 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -207.2 | -153.5 | -38.6 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -207.2 | -153.5 | -37.7 | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -228.7 | 2.4    | 504.5 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -222.3 | 2.4    | 560.9 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -215.9 | 2.4    | 615.7 | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -66.4  | 26.7   | 147.4 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -64.9  | 26.7   | 163.8 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -63.4  | 26.7   | 179.8 | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |       |     |  |
| 100 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 46.1   | 43.7   | 486.2 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 46.1   | 43.7   | 510.7 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 46.1   | 43.7   | 557.4 | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -198.9 | -149.9 | -37.7 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -198.9 | -149.9 | -37.0 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -198.9 | -149.9 | -36.2 | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -216.0 | 2.3    | 615.7 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -209.6 | 2.3    | 668.9 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -203.2 | 2.3    | 720.5 | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -62.9  | 25.8   | 179.9 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -61.4  | 25.8   | 195.4 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -59.9  | 25.8   | 210.5 | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |       |     |  |
| 101 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 52.4   | 41.2   | 557.2 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 52.4   | 41.2   | 579.6 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 52.4   | 41.2   | 622.5 | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -191.7 | -145.4 | -36.2 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -191.7 | -145.4 | -35.5 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -191.7 | -145.4 | -34.8 | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -203.2 | 2.2    | 720.5 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -196.9 | 2.2    | 770.5 | 0.0 |  |

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|     |              |            |              |     |     |        |        |        |       |     |
|-----|--------------|------------|--------------|-----|-----|--------|--------|--------|-------|-----|
|     |              |            | J            | 0.0 | 0.0 | -190.5 | 2.2    | 818.9  | 0.0   |     |
|     |              | perm       | I            | 0.0 | 0.0 | -59.3  | 24.8   | 210.6  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -57.8  | 24.8   | 225.2  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -56.3  | 24.8   | 239.5  | 0.0   |     |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |       |     |
| 102 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 57.6   | 38.8   | 622.3 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 57.6   | 38.8   | 642.8 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 57.6   | 38.8   | 682.1 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -185.1 | -140.1 | -34.8  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -185.1 | -140.1 | -34.1  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -185.1 | -140.1 | -33.5  | 0.0   |     |
|     |              | pp         | I            | 0.0 | 0.0 | -190.5 | 2.1    | 818.9  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -184.1 | 2.1    | 865.7  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -177.8 | 2.1    | 911.0  | 0.0   |     |
|     |              | perm       | I            | 0.0 | 0.0 | -55.6  | 23.7   | 239.5  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -54.1  | 23.7   | 253.2  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -52.6  | 23.7   | 266.5  | 0.0   |     |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |       |     |
| 103 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 62.1   | 36.3   | 681.9 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 62.1   | 36.3   | 700.7 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 62.1   | 36.3   | 736.8 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -179.0 | -134.2 | -33.5  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -179.0 | -134.2 | -32.8  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -179.0 | -134.2 | -32.2  | 0.0   |     |
|     |              | pp         | I            | 0.0 | 0.0 | -177.8 | 2.0    | 911.0  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -171.4 | 2.0    | 954.6  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -165.1 | 2.0    | 996.7  | 0.0   |     |
|     |              | perm       | I            | 0.0 | 0.0 | -51.9  | 22.4   | 266.5  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -50.4  | 22.4   | 279.3  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -48.9  | 22.4   | 291.7  | 0.0   |     |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |       |     |
| 104 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 66.1   | 35.9   | 736.6 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 66.1   | 35.9   | 753.6 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 66.1   | 35.9   | 786.7 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -173.3 | -127.9 | -32.2  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -173.3 | -127.9 | -31.6  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -173.3 | -127.9 | -31.0  | 0.0   |     |
|     |              | pp         | I            | 0.0 | 0.0 | -165.1 | 1.9    | 996.7  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -158.7 | 1.9    | 1037.1 | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -152.4 | 1.9    | 1076.0 | 0.0   |     |
|     |              | perm       | I            | 0.0 | 0.0 | -48.1  | 21.0   | 291.8  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -46.6  | 21.0   | 303.6  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -45.1  | 21.0   | 315.1  | 0.0   |     |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |       |     |
| 105 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 69.7   | 36.1   | 786.6 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 69.7   | 36.1   | 801.9 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 69.7   | 36.1   | 832.1 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -167.8 | -121.1 | -31.0  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -167.8 | -121.1 | -30.5  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -167.8 | -121.1 | -29.9  | 0.0   |     |
|     |              | pp         | I            | 0.0 | 0.0 | -152.4 | 1.8    | 1076.0 | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -146.0 | 1.8    | 1113.3 | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -139.6 | 1.8    | 1149.0 | 0.0   |     |
|     |              | perm       | I            | 0.0 | 0.0 | -44.4  | 19.5   | 315.1  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | -42.9  | 19.5   | 326.0  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | -41.4  | 19.5   | 336.5  | 0.0   |     |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |       |     |
| 106 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 73.1   | 35.8   | 831.9 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 73.1   | 35.8   | 845.6 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 73.1   | 35.8   | 873.1 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -162.6 | -114.1 | -29.9  | 0.0   |     |

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|     |   |                                            |     |     |     |        |        |        |        |     |
|-----|---|--------------------------------------------|-----|-----|-----|--------|--------|--------|--------|-----|
|     |   |                                            | CNT | 0.0 | 0.0 | -162.6 | -114.1 | -29.4  | 0.0    |     |
|     |   |                                            | J   | 0.0 | 0.0 | -162.6 | -114.1 | -28.8  | 0.0    |     |
|     |   |                                            | pp  | 0.0 | 0.0 | -139.7 | 1.7    | 1149.0 | 0.0    |     |
|     |   |                                            | CNT | 0.0 | 0.0 | -133.3 | 1.7    | 1183.1 | 0.0    |     |
|     |   |                                            | J   | 0.0 | 0.0 | -126.9 | 1.7    | 1215.7 | 0.0    |     |
|     |   | perm                                       | I   | 0.0 | 0.0 | -40.6  | 18.0   | 336.6  | 0.0    |     |
|     |   |                                            | CNT | 0.0 | 0.0 | -39.1  | 18.0   | 346.5  | 0.0    |     |
|     |   |                                            | J   | 0.0 | 0.0 | -37.6  | 18.0   | 356.1  | 0.0    |     |
|     |   | acc                                        | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |                                            | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |                                            | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5    Type: Beam    Section: cap |     |     |     |        |        |        |        |     |
| 107 | 1 | 1 c mobili                                 | Max | I   | 0.0 | 0.0    | 77.0   | 35.0   | 873.0  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 77.0   | 35.0   | 885.0  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 77.0   | 35.0   | 909.8  | 0.0 |
|     |   |                                            | Min | I   | 0.0 | 0.0    | -157.5 | -106.8 | -28.8  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -157.5 | -106.8 | -28.3  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -157.5 | -106.8 | -27.8  | 0.0 |
|     |   |                                            | pp  | I   | 0.0 | 0.0    | -127.0 | 1.5    | 1215.7 | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -120.6 | 1.5    | 1246.6 | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -114.2 | 1.5    | 1276.0 | 0.0 |
|     |   | perm                                       |     | I   | 0.0 | 0.0    | -36.9  | 16.4   | 356.2  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -35.4  | 16.4   | 365.2  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -33.9  | 16.4   | 373.9  | 0.0 |
|     |   | acc                                        |     | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5    Type: Beam    Section: cap |     |     |     |        |        |        |        |     |
| 108 | 1 | 1 c mobili                                 | Max | I   | 0.0 | 0.0    | 81.0   | 34.4   | 909.7  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 81.0   | 34.4   | 920.2  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 81.0   | 34.4   | 942.3  | 0.0 |
|     |   |                                            | Min | I   | 0.0 | 0.0    | -152.5 | -99.3  | -27.7  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -152.5 | -99.3  | -27.2  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -152.5 | -99.3  | -26.7  | 0.0 |
|     |   |                                            | pp  | I   | 0.0 | 0.0    | -114.3 | 1.4    | 1276.0 | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -107.9 | 1.4    | 1303.7 | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -101.5 | 1.4    | 1329.9 | 0.0 |
|     |   | perm                                       |     | I   | 0.0 | 0.0    | -33.2  | 14.8   | 373.9  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -31.7  | 14.8   | 382.0  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -30.2  | 14.8   | 389.7  | 0.0 |
|     |   | acc                                        |     | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5    Type: Beam    Section: cap |     |     |     |        |        |        |        |     |
| 109 | 1 | 1 c mobili                                 | Max | I   | 0.0 | 0.0    | 84.8   | 35.3   | 942.2  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 84.8   | 35.3   | 951.2  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 84.8   | 35.3   | 970.8  | 0.0 |
|     |   |                                            | Min | I   | 0.0 | 0.0    | -147.7 | -91.8  | -26.7  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -147.7 | -91.8  | -26.2  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -147.7 | -91.8  | -25.7  | 0.0 |
|     |   |                                            | pp  | I   | 0.0 | 0.0    | -101.6 | 1.3    | 1329.9 | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -95.2  | 1.3    | 1354.5 | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -88.8  | 1.3    | 1377.5 | 0.0 |
|     |   | perm                                       |     | I   | 0.0 | 0.0    | -29.4  | 13.1   | 389.7  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -27.9  | 13.1   | 396.9  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -26.4  | 13.1   | 403.7  | 0.0 |
|     |   | acc                                        |     | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5    Type: Beam    Section: cap |     |     |     |        |        |        |        |     |
| 110 | 1 | 1 c mobili                                 | Max | I   | 0.0 | 0.0    | 88.7   | 36.0   | 970.7  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 88.7   | 36.0   | 978.0  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 88.7   | 36.0   | 995.1  | 0.0 |
|     |   |                                            | Min | I   | 0.0 | 0.0    | -143.0 | -84.5  | -25.7  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -143.0 | -84.5  | -25.2  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -143.0 | -84.5  | -24.7  | 0.0 |
|     |   |                                            | pp  | I   | 0.0 | 0.0    | -88.9  | 1.1    | 1377.5 | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -82.5  | 1.1    | 1398.9 | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -76.1  | 1.1    | 1418.8 | 0.0 |
|     |   | perm                                       |     | I   | 0.0 | 0.0    | -25.7  | 11.4   | 403.7  | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | -24.2  | 11.4   | 409.9  | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | -22.7  | 11.4   | 415.8  | 0.0 |
|     |   | acc                                        |     | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |                                            |     | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5    Type: Beam    Section: cap |     |     |     |        |        |        |        |     |

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|     |   |                |     |     |     |        |       |        |     |
|-----|---|----------------|-----|-----|-----|--------|-------|--------|-----|
| 111 | 1 | 1 c mobili Max | I   | 0.0 | 0.0 | 92.5   | 36.8  | 995.0  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 92.5   | 36.8  | 1000.9 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 92.5   | 36.8  | 1015.5 | 0.0 |
|     |   | Min            | I   | 0.0 | 0.0 | -138.4 | -77.2 | -24.7  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -138.4 | -77.2 | -24.2  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -138.4 | -77.2 | -23.7  | 0.0 |
|     |   | PP             | I   | 0.0 | 0.0 | -76.2  | 0.9   | 1418.8 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -69.8  | 0.9   | 1437.0 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -63.4  | 0.9   | 1453.7 | 0.0 |
|     |   | perm           | I   | 0.0 | 0.0 | -22.0  | 9.7   | 415.8  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -20.5  | 9.7   | 421.1  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -19.0  | 9.7   | 426.0  | 0.0 |
|     |   | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |                |     |     |     |        |       |        |     |
|-----|---|----------------|-----|-----|-----|--------|-------|--------|-----|
| 112 | 1 | 1 c mobili Max | I   | 0.0 | 0.0 | 96.2   | 37.4  | 1015.4 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 96.2   | 37.4  | 1019.8 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 96.2   | 37.4  | 1032.0 | 0.0 |
|     |   | Min            | I   | 0.0 | 0.0 | -133.8 | -70.0 | -23.7  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -133.8 | -70.0 | -23.2  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -133.8 | -70.0 | -22.8  | 0.0 |
|     |   | PP             | I   | 0.0 | 0.0 | -63.5  | 0.8   | 1453.7 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -57.1  | 0.8   | 1468.7 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -50.7  | 0.8   | 1482.2 | 0.0 |
|     |   | perm           | I   | 0.0 | 0.0 | -18.2  | 8.0   | 426.1  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -16.7  | 8.0   | 430.4  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -15.2  | 8.0   | 434.4  | 0.0 |
|     |   | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |                |     |     |     |        |       |        |     |
|-----|---|----------------|-----|-----|-----|--------|-------|--------|-----|
| 113 | 1 | 1 c mobili Max | I   | 0.0 | 0.0 | 100.0  | 37.8  | 1031.9 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 100.0  | 37.8  | 1034.7 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 100.0  | 37.8  | 1044.5 | 0.0 |
|     |   | Min            | I   | 0.0 | 0.0 | -129.3 | -62.9 | -22.8  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -129.3 | -62.9 | -22.3  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -129.3 | -62.9 | -21.8  | 0.0 |
|     |   | PP             | I   | 0.0 | 0.0 | -50.8  | 0.6   | 1482.2 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -44.4  | 0.6   | 1494.1 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -38.1  | 0.6   | 1504.4 | 0.0 |
|     |   | perm           | I   | 0.0 | 0.0 | -14.5  | 6.2   | 434.4  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -13.0  | 6.2   | 437.9  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -11.5  | 6.2   | 440.9  | 0.0 |
|     |   | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |                |     |     |     |        |       |        |     |
|-----|---|----------------|-----|-----|-----|--------|-------|--------|-----|
| 114 | 1 | 1 c mobili Max | I   | 0.0 | 0.0 | 104.0  | 38.6  | 1044.4 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 104.0  | 38.6  | 1045.8 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 104.0  | 38.6  | 1053.1 | 0.0 |
|     |   | Min            | I   | 0.0 | 0.0 | -124.9 | -57.1 | -21.8  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -124.9 | -57.1 | -21.3  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -124.9 | -57.1 | -20.9  | 0.0 |
|     |   | PP             | I   | 0.0 | 0.0 | -38.1  | 0.4   | 1504.4 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -31.7  | 0.4   | 1513.2 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -25.4  | 0.4   | 1520.3 | 0.0 |
|     |   | perm           | I   | 0.0 | 0.0 | -10.8  | 4.4   | 440.9  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -9.3   | 4.4   | 443.5  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -7.8   | 4.4   | 445.6  | 0.0 |
|     |   | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |                |     |     |     |        |       |        |     |
|-----|---|----------------|-----|-----|-----|--------|-------|--------|-----|
| 115 | 1 | 1 c mobili Max | I   | 0.0 | 0.0 | 108.0  | 41.6  | 1053.0 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | 108.0  | 41.6  | 1052.9 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | 108.0  | 41.6  | 1057.9 | 0.0 |
|     |   | Min            | I   | 0.0 | 0.0 | -120.6 | -52.0 | -20.9  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -120.6 | -52.0 | -20.4  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -120.6 | -52.0 | -19.9  | 0.0 |
|     |   | PP             | I   | 0.0 | 0.0 | -25.4  | 0.3   | 1520.3 | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -19.0  | 0.3   | 1525.8 | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -12.7  | 0.3   | 1529.8 | 0.0 |
|     |   | perm           | I   | 0.0 | 0.0 | -7.1   | 2.7   | 445.6  | 0.0 |
|     |   |                | CNT | 0.0 | 0.0 | -5.6   | 2.7   | 447.2  | 0.0 |
|     |   |                | J   | 0.0 | 0.0 | -4.1   | 2.7   | 448.4  | 0.0 |

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|     |              |                |              |     |     |        |       |        |     |
|-----|--------------|----------------|--------------|-----|-----|--------|-------|--------|-----|
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |       |        |     |
| 116 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 112.1  | 44.8  | 1057.8 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 112.1  | 44.8  | 1056.2 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 112.1  | 44.8  | 1058.7 | 0.0 |
|     |              | Min            | I            | 0.0 | 0.0 | -116.3 | -48.3 | -19.9  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | -116.3 | -48.3 | -19.5  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | -116.3 | -48.3 | -19.0  | 0.0 |
|     |              | pp             | I            | 0.0 | 0.0 | -12.7  | 0.1   | 1529.8 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | -6.3   | 0.1   | 1532.2 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.1   | 1533.0 | 0.0 |
|     |              | perm           | I            | 0.0 | 0.0 | -3.4   | 0.9   | 448.4  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | -1.9   | 0.9   | 449.0  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | -0.4   | 0.9   | 449.3  | 0.0 |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |       |        |     |
| 117 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 116.3  | 48.3  | 1058.7 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 116.3  | 48.3  | 1056.2 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 116.3  | 48.3  | 1057.8 | 0.0 |
|     |              | Min            | I            | 0.0 | 0.0 | -112.1 | -44.8 | -19.0  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | -112.1 | -44.8 | -19.5  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | -112.1 | -44.8 | -19.9  | 0.0 |
|     |              | pp             | I            | 0.0 | 0.0 | -0.0   | -0.1  | 1533.0 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 6.3    | -0.1  | 1532.2 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 12.7   | -0.1  | 1529.8 | 0.0 |
|     |              | perm           | I            | 0.0 | 0.0 | 0.4    | -0.9  | 449.3  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 1.9    | -0.9  | 449.0  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 3.4    | -0.9  | 448.4  | 0.0 |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |       |        |     |
| 118 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 120.6  | 52.0  | 1057.9 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 120.6  | 52.0  | 1052.9 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 120.6  | 52.0  | 1053.0 | 0.0 |
|     |              | Min            | I            | 0.0 | 0.0 | -108.0 | -41.6 | -19.9  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | -108.0 | -41.6 | -20.4  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | -108.0 | -41.6 | -20.9  | 0.0 |
|     |              | pp             | I            | 0.0 | 0.0 | 12.7   | -0.3  | 1529.8 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 19.0   | -0.3  | 1525.8 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 25.4   | -0.3  | 1520.3 | 0.0 |
|     |              | perm           | I            | 0.0 | 0.0 | 4.1    | -2.7  | 448.4  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 5.6    | -2.7  | 447.2  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 7.1    | -2.7  | 445.6  | 0.0 |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |       |        |     |
| 119 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 124.9  | 57.1  | 1053.1 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 124.9  | 57.1  | 1045.8 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 124.9  | 57.1  | 1044.4 | 0.0 |
|     |              | Min            | I            | 0.0 | 0.0 | -104.0 | -38.6 | -20.9  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | -104.0 | -38.6 | -21.3  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | -104.0 | -38.6 | -21.8  | 0.0 |
|     |              | pp             | I            | 0.0 | 0.0 | 25.4   | -0.4  | 1520.3 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 31.7   | -0.4  | 1513.2 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 38.1   | -0.4  | 1504.4 | 0.0 |
|     |              | perm           | I            | 0.0 | 0.0 | 7.8    | -4.4  | 445.6  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 9.3    | -4.4  | 443.5  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 10.8   | -4.4  | 440.9  | 0.0 |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |       |        |     |
| 120 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 129.3  | 62.9  | 1044.5 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 129.3  | 62.9  | 1034.7 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 129.3  | 62.9  | 1031.9 | 0.0 |
|     |              | Min            | I            | 0.0 | 0.0 | -100.0 | -37.8 | -21.8  | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | -100.0 | -37.8 | -22.3  | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | -100.0 | -37.8 | -22.8  | 0.0 |
|     |              | pp             | I            | 0.0 | 0.0 | 38.1   | -0.6  | 1504.4 | 0.0 |
|     |              |                | CNT          | 0.0 | 0.0 | 44.4   | -0.6  | 1494.1 | 0.0 |
|     |              |                | J            | 0.0 | 0.0 | 50.8   | -0.6  | 1482.2 | 0.0 |

|     |   |              |              |              |     |     |       |       |        |        |     |
|-----|---|--------------|--------------|--------------|-----|-----|-------|-------|--------|--------|-----|
|     |   |              |              | perm         | I   | 0.0 | 0.0   | 11.5  | -6.2   | 440.9  | 0.0 |
|     |   |              |              |              | CNT | 0.0 | 0.0   | 13.0  | -6.2   | 437.9  | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 14.5  | -6.2   | 434.4  | 0.0 |
|     |   |              |              | acc          | I   | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              |              | CNT | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |       |       |        |        |     |
| 121 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 133.8 | 70.0  | 1032.0 | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 133.8 | 70.0  | 1019.8 | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 133.8 | 70.0   | 1015.4 | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -96.2 | -37.4 | -22.8  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -96.2 | -37.4 | -23.2  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | -96.2 | -37.4  | -23.7  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 50.7  | -0.8  | 1482.2 | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 57.1  | -0.8  | 1468.7 | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 63.5  | -0.8   | 1453.7 | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 15.2  | -8.0  | 434.4  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 16.7  | -8.0  | 430.4  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 18.2  | -8.0   | 426.1  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |       |       |        |        |     |
| 122 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 138.4 | 77.2  | 1015.5 | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 138.4 | 77.2  | 1000.9 | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 138.4 | 77.2   | 995.0  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -92.5 | -36.8 | -23.7  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -92.5 | -36.8 | -24.2  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | -92.5 | -36.8  | -24.7  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 63.4  | -0.9  | 1453.7 | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 69.8  | -0.9  | 1437.0 | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 76.2  | -0.9   | 1418.8 | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 19.0  | -9.7  | 426.0  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 20.5  | -9.7  | 421.1  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 22.0  | -9.7   | 415.8  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |       |       |        |        |     |
| 123 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 143.0 | 84.5  | 995.1  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 143.0 | 84.5  | 978.0  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 143.0 | 84.5   | 970.7  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -88.7 | -36.0 | -24.7  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -88.7 | -36.0 | -25.2  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | -88.7 | -36.0  | -25.7  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 76.1  | -1.1  | 1418.8 | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 82.5  | -1.1  | 1398.9 | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 88.9  | -1.1   | 1377.5 | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 22.7  | -11.4 | 415.8  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 24.2  | -11.4 | 409.9  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 25.7  | -11.4  | 403.7  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |       |       |        |        |     |
| 124 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 147.7 | 91.8  | 970.8  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 147.7 | 91.8  | 951.2  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 147.7 | 91.8   | 942.2  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -84.8 | -35.3 | -25.7  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -84.8 | -35.3 | -26.2  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | -84.8 | -35.3  | -26.7  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 88.8  | -1.3  | 1377.5 | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 95.2  | -1.3  | 1354.5 | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 101.6 | -1.3   | 1329.9 | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 26.4  | -13.1 | 403.7  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 27.9  | -13.1 | 396.9  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 29.4  | -13.1  | 389.7  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |       |       |        |        |     |
| 125 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 152.5 | 99.3  | 942.3  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 152.5 | 99.3  | 920.2  | 0.0    | 0.0 |
|     |   |              |              |              | J   | 0.0 | 0.0   | 152.5 | 99.3   | 909.7  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -81.0 | -34.4 | -26.7  | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -81.0 | -34.4 | -27.2  | 0.0    | 0.0 |



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|              |   |            |            |              |     |       |       |        |     |
|--------------|---|------------|------------|--------------|-----|-------|-------|--------|-----|
|              |   |            | J          | 0.0          | 0.0 | -81.0 | -34.4 | -27.7  | 0.0 |
|              |   |            | PP I       | 0.0          | 0.0 | 101.5 | -1.4  | 1329.9 | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 107.9 | -1.4  | 1303.7 | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 114.3 | -1.4  | 1276.0 | 0.0 |
|              |   |            | perm I     | 0.0          | 0.0 | 30.2  | -14.8 | 389.7  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 31.7  | -14.8 | 382.0  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 33.2  | -14.8 | 373.9  | 0.0 |
|              |   |            | acc I      | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |       |       |        |     |
| 126          | 1 | 1 c mobili | Max I      | 0.0          | 0.0 | 157.5 | 106.8 | 909.8  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 157.5 | 106.8 | 885.0  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 157.5 | 106.8 | 873.0  | 0.0 |
|              |   |            | Min I      | 0.0          | 0.0 | -77.0 | -35.0 | -27.8  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | -77.0 | -35.0 | -28.3  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | -77.0 | -35.0 | -28.8  | 0.0 |
|              |   |            | PP I       | 0.0          | 0.0 | 114.2 | -1.5  | 1276.0 | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 120.6 | -1.5  | 1246.6 | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 127.0 | -1.5  | 1215.7 | 0.0 |
|              |   |            | perm I     | 0.0          | 0.0 | 33.9  | -16.4 | 373.9  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 35.4  | -16.4 | 365.2  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 36.9  | -16.4 | 356.2  | 0.0 |
|              |   |            | acc I      | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |       |       |        |     |
| 127          | 1 | 1 c mobili | Max I      | 0.0          | 0.0 | 162.6 | 114.1 | 873.1  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 162.6 | 114.1 | 845.6  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 162.6 | 114.1 | 831.9  | 0.0 |
|              |   |            | Min I      | 0.0          | 0.0 | -73.1 | -35.8 | -28.8  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | -73.1 | -35.8 | -29.4  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | -73.1 | -35.8 | -29.9  | 0.0 |
|              |   |            | PP I       | 0.0          | 0.0 | 126.9 | -1.7  | 1215.7 | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 133.3 | -1.7  | 1183.1 | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 139.7 | -1.7  | 1149.0 | 0.0 |
|              |   |            | perm I     | 0.0          | 0.0 | 37.6  | -18.0 | 356.1  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 39.1  | -18.0 | 346.5  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 40.6  | -18.0 | 336.6  | 0.0 |
|              |   |            | acc I      | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |       |       |        |     |
| 128          | 1 | 1 c mobili | Max I      | 0.0          | 0.0 | 167.8 | 121.1 | 832.1  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 167.8 | 121.1 | 801.9  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 167.8 | 121.1 | 786.6  | 0.0 |
|              |   |            | Min I      | 0.0          | 0.0 | -69.7 | -36.1 | -29.9  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | -69.7 | -36.1 | -30.5  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | -69.7 | -36.1 | -31.0  | 0.0 |
|              |   |            | PP I       | 0.0          | 0.0 | 139.6 | -1.8  | 1149.0 | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 146.0 | -1.8  | 1113.3 | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 152.4 | -1.8  | 1076.0 | 0.0 |
|              |   |            | perm I     | 0.0          | 0.0 | 41.4  | -19.5 | 336.5  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 42.9  | -19.5 | 326.0  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 44.4  | -19.5 | 315.1  | 0.0 |
|              |   |            | acc I      | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |       |       |        |     |
| 129          | 1 | 1 c mobili | Max I      | 0.0          | 0.0 | 173.3 | 127.9 | 786.7  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 173.3 | 127.9 | 753.6  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 173.3 | 127.9 | 736.6  | 0.0 |
|              |   |            | Min I      | 0.0          | 0.0 | -66.1 | -35.9 | -31.0  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | -66.1 | -35.9 | -31.6  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | -66.1 | -35.9 | -32.2  | 0.0 |
|              |   |            | PP I       | 0.0          | 0.0 | 152.4 | -1.9  | 1076.0 | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 158.7 | -1.9  | 1037.1 | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 165.1 | -1.9  | 996.7  | 0.0 |
|              |   |            | perm I     | 0.0          | 0.0 | 45.1  | -21.0 | 315.1  | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 46.6  | -21.0 | 303.6  | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 48.1  | -21.0 | 291.8  | 0.0 |
|              |   |            | acc I      | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | CNT        | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|              |   |            | J          | 0.0          | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |       |       |        |     |

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|     |   |              |              |     |     |              |       |       |       |     |  |
|-----|---|--------------|--------------|-----|-----|--------------|-------|-------|-------|-----|--|
| 130 | 1 | 1            | c mobili Max | I   | 0.0 | 0.0          | 179.0 | 134.2 | 736.8 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 179.0 | 134.2 | 700.7 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 179.0 | 134.2 | 681.9 | 0.0 |  |
|     |   |              | Min          | I   | 0.0 | 0.0          | -62.1 | -36.3 | -32.2 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | -62.1 | -36.3 | -32.8 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | -62.1 | -36.3 | -33.5 | 0.0 |  |
|     |   |              | pp           | I   | 0.0 | 0.0          | 165.1 | -2.0  | 996.7 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 171.4 | -2.0  | 954.6 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 177.8 | -2.0  | 911.0 | 0.0 |  |
|     |   |              | perm         | I   | 0.0 | 0.0          | 48.9  | -22.4 | 291.7 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 50.4  | -22.4 | 279.3 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 51.9  | -22.4 | 266.5 | 0.0 |  |
|     |   |              | acc          | I   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   | Length = 0.5 | Type: Beam   |     |     | Section: cap |       |       |       |     |  |
| 131 | 1 | 1            | c mobili Max | I   | 0.0 | 0.0          | 185.1 | 140.1 | 682.1 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 185.1 | 140.1 | 642.8 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 185.1 | 140.1 | 622.3 | 0.0 |  |
|     |   |              | Min          | I   | 0.0 | 0.0          | -57.6 | -38.8 | -33.5 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | -57.6 | -38.8 | -34.1 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | -57.6 | -38.8 | -34.8 | 0.0 |  |
|     |   |              | pp           | I   | 0.0 | 0.0          | 177.8 | -2.1  | 911.0 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 184.1 | -2.1  | 865.7 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 190.5 | -2.1  | 818.9 | 0.0 |  |
|     |   |              | perm         | I   | 0.0 | 0.0          | 52.6  | -23.7 | 266.5 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 54.1  | -23.7 | 253.2 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 55.6  | -23.7 | 239.5 | 0.0 |  |
|     |   |              | acc          | I   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   | Length = 0.5 | Type: Beam   |     |     | Section: cap |       |       |       |     |  |
| 132 | 1 | 1            | c mobili Max | I   | 0.0 | 0.0          | 191.7 | 145.4 | 622.5 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 191.7 | 145.4 | 579.6 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 191.7 | 145.4 | 557.2 | 0.0 |  |
|     |   |              | Min          | I   | 0.0 | 0.0          | -52.4 | -41.2 | -34.8 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | -52.4 | -41.2 | -35.5 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | -52.4 | -41.2 | -36.2 | 0.0 |  |
|     |   |              | pp           | I   | 0.0 | 0.0          | 190.5 | -2.2  | 818.9 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 196.9 | -2.2  | 770.5 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 203.2 | -2.2  | 720.5 | 0.0 |  |
|     |   |              | perm         | I   | 0.0 | 0.0          | 56.3  | -24.8 | 239.5 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 57.8  | -24.8 | 225.2 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 59.3  | -24.8 | 210.6 | 0.0 |  |
|     |   |              | acc          | I   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   | Length = 0.5 | Type: Beam   |     |     | Section: cap |       |       |       |     |  |
| 133 | 1 | 1            | c mobili Max | I   | 0.0 | 0.0          | 198.9 | 149.9 | 557.4 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 198.9 | 149.9 | 510.7 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 198.9 | 149.9 | 486.2 | 0.0 |  |
|     |   |              | Min          | I   | 0.0 | 0.0          | -46.1 | -43.7 | -36.2 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | -46.1 | -43.7 | -37.0 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | -46.1 | -43.7 | -37.7 | 0.0 |  |
|     |   |              | pp           | I   | 0.0 | 0.0          | 203.2 | -2.3  | 720.5 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 209.6 | -2.3  | 668.9 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 216.0 | -2.3  | 615.7 | 0.0 |  |
|     |   |              | perm         | I   | 0.0 | 0.0          | 59.9  | -25.8 | 210.5 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 61.4  | -25.8 | 195.4 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 62.9  | -25.8 | 179.9 | 0.0 |  |
|     |   |              | acc          | I   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |
|     |   | Length = 0.5 | Type: Beam   |     |     | Section: cap |       |       |       |     |  |
| 134 | 1 | 1            | c mobili Max | I   | 0.0 | 0.0          | 207.2 | 153.5 | 486.4 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 207.2 | 153.5 | 435.4 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 207.2 | 153.5 | 408.4 | 0.0 |  |
|     |   |              | Min          | I   | 0.0 | 0.0          | -38.3 | -46.1 | -37.7 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | -38.3 | -46.1 | -38.6 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | -38.3 | -46.1 | -39.5 | 0.0 |  |
|     |   |              | pp           | I   | 0.0 | 0.0          | 215.9 | -2.4  | 615.7 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 222.3 | -2.4  | 560.9 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 228.7 | -2.4  | 504.5 | 0.0 |  |
|     |   |              | perm         | I   | 0.0 | 0.0          | 63.4  | -26.7 | 179.8 | 0.0 |  |
|     |   |              |              | CNT | 0.0 | 0.0          | 64.9  | -26.7 | 163.8 | 0.0 |  |
|     |   |              |              | J   | 0.0 | 0.0          | 66.4  | -26.7 | 147.4 | 0.0 |  |
|     |   |              | acc          | I   | 0.0 | 0.0          | 0.0   | 0.0   | 0.0   | 0.0 |  |

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|              |            |                |     |     |     |        |       |       |     |
|--------------|------------|----------------|-----|-----|-----|--------|-------|-------|-----|
|              |            |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
| Length = 0.5 | Type: Beam | Section: cap   |     |     |     |        |       |       |     |
| 135          | 1          | 1 c mobili Max | I   | 0.0 | 0.0 | 216.9  | 155.9 | 408.7 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 216.9  | 155.9 | 354.8 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 216.9  | 155.9 | 322.8 | 0.0 |
|              |            | Min            | I   | 0.0 | 0.0 | -28.4  | -48.4 | -39.5 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | -28.4  | -48.4 | -40.5 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | -28.4  | -48.4 | -41.5 | 0.0 |
|              |            | pp             | I   | 0.0 | 0.0 | 228.7  | -2.4  | 504.6 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 235.0  | -2.4  | 446.6 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 241.4  | -2.4  | 387.0 | 0.0 |
|              |            | perm           | I   | 0.0 | 0.0 | 66.8   | -27.2 | 147.3 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 68.3   | -27.2 | 130.4 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 69.8   | -27.2 | 113.1 | 0.0 |
|              |            | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
| Length = 0.5 | Type: Beam | Section: cap   |     |     |     |        |       |       |     |
| 136          | 1          | 1 c mobili Max | I   | 0.0 | 0.0 | 229.0  | 156.6 | 323.0 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 229.0  | 156.6 | 266.1 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 229.0  | 156.6 | 227.5 | 0.0 |
|              |            | Min            | I   | 0.0 | 0.0 | -18.8  | -50.7 | -41.5 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | -18.8  | -50.7 | -42.7 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | -18.8  | -50.7 | -43.9 | 0.0 |
|              |            | pp             | I   | 0.0 | 0.0 | 241.4  | -2.4  | 387.0 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 247.8  | -2.4  | 325.9 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 254.1  | -2.4  | 263.2 | 0.0 |
|              |            | perm           | I   | 0.0 | 0.0 | 70.0   | -27.3 | 113.1 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 71.5   | -27.3 | 95.4  | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 73.0   | -27.3 | 77.3  | 0.0 |
|              |            | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
| Length = 0.5 | Type: Beam | Section: cap   |     |     |     |        |       |       |     |
| 137          | 1          | 1 c mobili Max | I   | 0.0 | 0.0 | 244.6  | 155.0 | 227.7 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 244.6  | 155.0 | 166.9 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 244.6  | 155.0 | 120.0 | 0.0 |
|              |            | Min            | I   | 0.0 | 0.0 | -11.2  | -52.9 | -43.9 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | -11.2  | -52.9 | -45.4 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | -11.2  | -52.9 | -46.8 | 0.0 |
|              |            | pp             | I   | 0.0 | 0.0 | 254.1  | -2.4  | 263.2 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 260.5  | -2.4  | 198.8 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 266.9  | -2.4  | 132.9 | 0.0 |
|              |            | perm           | I   | 0.0 | 0.0 | 72.9   | -26.9 | 77.3  | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 74.4   | -26.9 | 58.9  | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 75.9   | -26.9 | 40.1  | 0.0 |
|              |            | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
| Length = 0.5 | Type: Beam | Section: cap   |     |     |     |        |       |       |     |
| 138          | 1          | 1 c mobili Max | I   | 0.0 | 0.0 | 265.6  | 149.9 | 120.1 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 265.6  | 149.9 | 62.7  | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 265.6  | 149.9 | 39.1  | 0.0 |
|              |            | Min            | I   | 0.0 | 0.0 | -8.3   | -55.1 | -46.9 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | -8.3   | -55.1 | -51.5 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | -8.3   | -55.1 | -70.0 | 0.0 |
|              |            | pp             | I   | 0.0 | 0.0 | 266.9  | -2.4  | 132.9 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 273.3  | -2.4  | 65.4  | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 279.6  | -2.4  | -3.7  | 0.0 |
|              |            | perm           | I   | 0.0 | 0.0 | 75.3   | -25.6 | 40.1  | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 76.8   | -25.6 | 21.0  | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 78.3   | -25.6 | 1.6   | 0.0 |
|              |            | acc            | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
| Length = 0.5 | Type: Beam | Section: cap   |     |     |     |        |       |       |     |
| 139          | 1          | 1 c mobili Max | I   | 0.0 | 0.0 | 63.3   | 139.1 | 38.7  | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | 63.3   | 139.1 | 22.8  | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | 63.3   | 139.1 | 7.6   | 0.0 |
|              |            | Min            | I   | 0.0 | 0.0 | -134.5 | -57.6 | -69.9 | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | -134.5 | -57.6 | -36.3 | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | -134.5 | -57.6 | -9.6  | 0.0 |
|              |            | pp             | I   | 0.0 | 0.0 | -13.4  | -2.3  | -3.7  | 0.0 |
|              |            |                | CNT | 0.0 | 0.0 | -7.0   | -2.3  | -1.1  | 0.0 |
|              |            |                | J   | 0.0 | 0.0 | -0.7   | -2.3  | -0.2  | 0.0 |

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|     |              |   |          |            |     |     |     |                        |       |       |     |
|-----|--------------|---|----------|------------|-----|-----|-----|------------------------|-------|-------|-----|
|     |              |   |          | perm       | I   | 0.0 | 0.0 | 0.7                    | -22.8 | 1.6   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 2.2                    | -22.8 | 1.2   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 3.7                    | -22.8 | 0.5   | 0.0 |
|     |              |   |          | acc        | I   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     | Length = 0.5 |   |          | Type: Beam |     |     |     | Section: cap           |       |       |     |
| 140 | 2            | 4 | c mobili | Max        | I   | 0.0 | 0.0 | 112.0                  | 20.2  | 60.8  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 112.0                  | 20.2  | 47.9  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 112.0                  | 20.2  | 42.9  | 0.0 |
|     |              |   |          | Min        | I   | 0.0 | 0.0 | -47.8                  | -10.9 | -59.1 | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -47.8                  | -10.9 | -50.4 | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -47.8                  | -10.9 | -56.8 | 0.0 |
|     |              |   |          | PP         | I   | 0.0 | 0.0 | -1.3                   | -0.4  | -1.5  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -1.3                   | -0.4  | -1.2  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -1.3                   | -0.4  | -0.8  | 0.0 |
|     |              |   |          | perm       | I   | 0.0 | 0.0 | -14.0                  | -2.4  | -0.6  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -14.0                  | -2.4  | 3.6   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -14.0                  | -2.4  | 7.8   | 0.0 |
|     |              |   |          | acc        | I   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     | Length = 2   |   |          | Type: Beam |     |     |     | Section: trasverso cap |       |       |     |
| 141 | 2            | 3 | c mobili | Max        | I   | 0.0 | 0.0 | 11.1                   | 1.2   | 2.8   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 11.1                   | 1.2   | 0.3   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 11.1                   | 1.2   | 2.5   | 0.0 |
|     |              |   |          | Min        | I   | 0.0 | 0.0 | -7.7                   | -0.6  | -2.2  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -7.7                   | -0.6  | -0.6  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -7.7                   | -0.6  | -3.9  | 0.0 |
|     |              |   |          | PP         | I   | 0.0 | 0.0 | -0.1                   | -0.0  | -0.0  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -0.1                   | -0.0  | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -0.1                   | -0.0  | 0.0   | 0.0 |
|     |              |   |          | perm       | I   | 0.0 | 0.0 | -0.7                   | -0.1  | -0.2  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -0.7                   | -0.1  | -0.0  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -0.7                   | -0.1  | 0.2   | 0.0 |
|     |              |   |          | acc        | I   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     | Length = 2   |   |          | Type: Beam |     |     |     | Section: soletta       |       |       |     |
| 142 | 2            | 3 | c mobili | Max        | I   | 0.0 | 0.0 | 5.2                    | 1.2   | 1.2   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 5.2                    | 1.2   | 0.8   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 5.2                    | 1.2   | 2.8   | 0.0 |
|     |              |   |          | Min        | I   | 0.0 | 0.0 | -7.4                   | -0.6  | -1.8  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -7.4                   | -0.6  | -1.0  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -7.4                   | -0.6  | -2.4  | 0.0 |
|     |              |   |          | PP         | I   | 0.0 | 0.0 | -0.0                   | -0.0  | 0.0   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -0.0                   | -0.0  | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -0.0                   | -0.0  | 0.0   | 0.0 |
|     |              |   |          | perm       | I   | 0.0 | 0.0 | -0.3                   | -0.1  | -0.2  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -0.3                   | -0.1  | -0.1  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -0.3                   | -0.1  | 0.0   | 0.0 |
|     |              |   |          | acc        | I   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     | Length = 2   |   |          | Type: Beam |     |     |     | Section: soletta       |       |       |     |
| 143 | 2            | 3 | c mobili | Max        | I   | 0.0 | 0.0 | 2.7                    | 1.2   | 1.5   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 2.7                    | 1.2   | 1.5   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 2.7                    | 1.2   | 3.1   | 0.0 |
|     |              |   |          | Min        | I   | 0.0 | 0.0 | -6.9                   | -0.6  | -2.2  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -6.9                   | -0.6  | -1.3  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -6.9                   | -0.6  | -1.8  | 0.0 |
|     |              |   |          | PP         | I   | 0.0 | 0.0 | 0.0                    | -0.0  | 0.0   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 0.0                    | -0.0  | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 0.0                    | -0.0  | 0.0   | 0.0 |
|     |              |   |          | perm       | I   | 0.0 | 0.0 | -0.1                   | -0.1  | -0.2  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -0.1                   | -0.1  | -0.1  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -0.1                   | -0.1  | -0.1  | 0.0 |
|     |              |   |          | acc        | I   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 0.0                    | 0.0   | 0.0   | 0.0 |
|     | Length = 2   |   |          | Type: Beam |     |     |     | Section: soletta       |       |       |     |
| 144 | 2            | 3 | c mobili | Max        | I   | 0.0 | 0.0 | 1.4                    | 1.2   | 2.1   | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | 1.4                    | 1.2   | 2.1   | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | 1.4                    | 1.2   | 3.5   | 0.0 |
|     |              |   |          | Min        | I   | 0.0 | 0.0 | -7.8                   | -0.6  | -2.6  | 0.0 |
|     |              |   |          |            | CNT | 0.0 | 0.0 | -7.8                   | -0.6  | -1.7  | 0.0 |
|     |              |   |          |            | J   | 0.0 | 0.0 | -7.8                   | -0.6  | -1.3  | 0.0 |

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|            |   |   |              |            |                  |     |       |      |      |      |     |
|------------|---|---|--------------|------------|------------------|-----|-------|------|------|------|-----|
|            |   |   |              | pp         | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              | perm       | I                | 0.0 | 0.0   | 0.1  | -0.1 | -0.2 | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.1  | -0.1 | -0.2 | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.1  | -0.1 | -0.2 | 0.0 |
|            |   |   |              | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |   |              | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 145        | 2 | 3 | c mobili Max | I          | 0.0              | 0.0 | 1.4   | 1.2  | 2.8  | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | 1.4   | 1.2  | 2.7  | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | 1.4   | 1.2  | 4.2  | 0.0  |     |
|            |   |   | Min          | I          | 0.0              | 0.0 | -8.4  | -0.6 | -3.2 | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | -8.4  | -0.6 | -2.0 | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | -8.4  | -0.6 | -1.1 | 0.0  |     |
|            |   |   |              | pp         | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              | perm       | I                | 0.0 | 0.0   | 0.2  | -0.1 | -0.2 | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.2  | -0.1 | -0.2 | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.2  | -0.1 | -0.3 | 0.0 |
|            |   |   |              | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |   |              | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 146        | 2 | 3 | c mobili Max | I          | 0.0              | 0.0 | 1.7   | 1.2  | 3.4  | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | 1.7   | 1.2  | 3.3  | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | 1.7   | 1.2  | 4.8  | 0.0  |     |
|            |   |   | Min          | I          | 0.0              | 0.0 | -8.8  | -0.6 | -3.9 | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | -8.8  | -0.6 | -2.2 | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | -8.8  | -0.6 | -1.3 | 0.0  |     |
|            |   |   |              | pp         | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              | perm       | I                | 0.0 | 0.0   | 0.3  | -0.1 | -0.2 | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.3  | -0.1 | -0.3 | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.3  | -0.1 | -0.4 | 0.0 |
|            |   |   |              | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |   |              | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 147        | 2 | 3 | c mobili Max | I          | 0.0              | 0.0 | 1.9   | 1.1  | 4.0  | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | 1.9   | 1.1  | 3.8  | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | 1.9   | 1.1  | 5.4  | 0.0  |     |
|            |   |   | Min          | I          | 0.0              | 0.0 | -9.7  | -0.6 | -4.4 | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | -9.7  | -0.6 | -2.4 | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | -9.7  | -0.6 | -1.5 | 0.0  |     |
|            |   |   |              | pp         | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.0  | 0.0 |
|            |   |   |              | perm       | I                | 0.0 | 0.0   | 0.4  | -0.1 | -0.2 | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.4  | -0.1 | -0.4 | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.4  | -0.1 | -0.5 | 0.0 |
|            |   |   |              | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |   |              | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 148        | 2 | 3 | c mobili Max | I          | 0.0              | 0.0 | 2.1   | 1.1  | 4.5  | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | 2.1   | 1.1  | 4.4  | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | 2.1   | 1.1  | 5.9  | 0.0  |     |
|            |   |   | Min          | I          | 0.0              | 0.0 | -10.3 | -0.5 | -4.9 | 0.0  |     |
|            |   |   |              | CNT        | 0.0              | 0.0 | -10.3 | -0.5 | -2.8 | 0.0  |     |
|            |   |   |              | J          | 0.0              | 0.0 | -10.3 | -0.5 | -1.8 | 0.0  |     |
|            |   |   |              | pp         | I                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | -0.0 | 0.1  | 0.0 |
|            |   |   |              | perm       | I                | 0.0 | 0.0   | 0.4  | -0.1 | -0.3 | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.4  | -0.1 | -0.4 | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.4  | -0.1 | -0.5 | 0.0 |
|            |   |   |              | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|            |   |   |              |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |   |              | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 149        | 2 | 3 | c mobili Max | I          | 0.0              | 0.0 | 2.3   | 1.1  | 5.0  | 0.0  |     |

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|     |            |                |                  |     |     |       |      |      |     |
|-----|------------|----------------|------------------|-----|-----|-------|------|------|-----|
|     |            |                | CNT              | 0.0 | 0.0 | 2.3   | 1.1  | 4.9  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.3   | 1.1  | 6.4  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -10.8 | -0.5 | -5.2 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -10.8 | -0.5 | -3.0 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -10.8 | -0.5 | -2.0 | 0.0 |
|     |            | PP             | I                | 0.0 | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.5   | -0.1 | -0.3 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.5   | -0.1 | -0.5 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.5   | -0.1 | -0.6 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 150 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 2.4   | 1.0  | 5.4  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 2.4   | 1.0  | 5.3  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.4   | 1.0  | 6.9  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -11.1 | -0.5 | -5.5 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -11.1 | -0.5 | -3.2 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -11.1 | -0.5 | -2.2 | 0.0 |
|     |            | PP             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.6   | -0.1 | -0.3 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.6   | -0.1 | -0.5 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.6   | -0.1 | -0.7 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 151 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 2.5   | 1.0  | 5.8  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 2.5   | 1.0  | 5.7  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.5   | 1.0  | 7.3  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -11.4 | -0.5 | -5.7 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -11.4 | -0.5 | -3.5 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -11.4 | -0.5 | -2.4 | 0.0 |
|     |            | PP             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.6   | -0.1 | -0.3 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.6   | -0.1 | -0.5 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.6   | -0.1 | -0.7 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 152 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 2.6   | 0.9  | 6.2  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 2.6   | 0.9  | 6.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.6   | 0.9  | 7.7  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -11.6 | -0.4 | -5.9 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -11.6 | -0.4 | -3.7 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -11.6 | -0.4 | -2.5 | 0.0 |
|     |            | PP             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.7   | -0.1 | -0.4 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.7   | -0.1 | -0.6 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.7   | -0.1 | -0.8 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 153 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 2.7   | 0.9  | 6.5  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 2.7   | 0.9  | 6.4  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.7   | 0.9  | 8.1  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -11.8 | -0.4 | -6.1 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -11.8 | -0.4 | -3.9 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -11.8 | -0.4 | -2.7 | 0.0 |
|     |            | PP             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.7   | -0.1 | -0.4 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.7   | -0.1 | -0.6 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.7   | -0.1 | -0.8 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |

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|     |            | J              | 0.0              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  |     |
|-----|------------|----------------|------------------|-----|-----|-------|------|------|-----|
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 154 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 2.8   | 0.8  | 6.7  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 2.8   | 0.8  | 6.7  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.8   | 0.8  | 6.7  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -12.0 | -0.4 | -6.2 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -12.0 | -0.4 | -4.1 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -12.0 | -0.4 | -2.9 | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.8   | -0.1 | -0.4 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.8   | -0.1 | -0.6 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.8   | -0.1 | -0.9 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 155 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 2.9   | 0.7  | 7.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 2.9   | 0.7  | 7.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.9   | 0.7  | 8.6  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -12.1 | -0.4 | -6.3 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -12.1 | -0.4 | -4.2 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -12.1 | -0.4 | -3.0 | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.8   | -0.1 | -0.4 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.8   | -0.1 | -0.7 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.8   | -0.1 | -0.9 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 156 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 2.9   | 0.7  | 7.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 2.9   | 0.7  | 7.2  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 2.9   | 0.7  | 8.9  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -12.2 | -0.4 | -6.5 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -12.2 | -0.4 | -4.4 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -12.2 | -0.4 | -3.1 | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.8   | -0.1 | -0.4 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.8   | -0.1 | -0.7 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.8   | -0.1 | -1.0 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 157 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 3.0   | 0.6  | 7.3  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 3.0   | 0.6  | 7.3  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 3.0   | 0.6  | 9.1  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -12.3 | -0.3 | -6.6 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -12.3 | -0.3 | -4.5 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -12.3 | -0.3 | -3.2 | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.9   | -0.1 | -0.5 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.9   | -0.1 | -0.7 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.9   | -0.1 | -1.0 | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 158 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 3.0   | 0.6  | 7.4  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 3.0   | 0.6  | 7.5  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 3.0   | 0.6  | 9.2  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -12.4 | -0.3 | -6.7 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -12.4 | -0.3 | -4.6 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -12.4 | -0.3 | -3.3 | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.9   | -0.0 | -0.5 | 0.0 |

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|     |            |            |                  |     |     |       |      |      |     |
|-----|------------|------------|------------------|-----|-----|-------|------|------|-----|
|     |            |            | CNT              | 0.0 | 0.0 | 0.9   | -0.0 | -0.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.9   | -0.0 | -1.0 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 159 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.0   | 0.5  | 7.5  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.0   | 0.5  | 7.6  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.0   | 0.5  | 9.4  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -12.5 | -0.3 | -6.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -12.5 | -0.3 | -4.6 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -12.5 | -0.3 | -3.4 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.9   | -0.0 | -0.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.9   | -0.0 | -0.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.9   | -0.0 | -1.0 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 160 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.0   | 0.5  | 7.5  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.0   | 0.5  | 7.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.0   | 0.5  | 9.4  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -12.5 | -0.3 | -6.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -12.5 | -0.3 | -4.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -12.5 | -0.3 | -3.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.9   | -0.0 | -0.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.9   | -0.0 | -0.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.9   | -0.0 | -1.0 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 161 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.0   | 0.4  | 7.5  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.0   | 0.4  | 7.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.0   | 0.4  | 9.5  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -12.5 | -0.3 | -6.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -12.5 | -0.3 | -4.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -12.5 | -0.3 | -3.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.9   | -0.0 | -0.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.9   | -0.0 | -0.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.9   | -0.0 | -1.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 162 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.0   | 0.4  | 7.6  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.0   | 0.4  | 7.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.0   | 0.4  | 9.5  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -12.5 | -0.3 | -6.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -12.5 | -0.3 | -4.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -12.5 | -0.3 | -3.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.1   | -0.0 | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.1   | -0.0 | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.9   | -0.0 | -0.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.9   | -0.0 | -0.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.9   | -0.0 | -1.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 163 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.0   | 0.4  | 7.5  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.0   | 0.4  | 7.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.0   | 0.4  | 9.5  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -12.5 | -0.4 | -6.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -12.5 | -0.4 | -4.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -12.5 | -0.4 | -3.5 | 0.0 |



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|     |   |            |              |            |     |                  |     |       |      |      |     |
|-----|---|------------|--------------|------------|-----|------------------|-----|-------|------|------|-----|
|     |   |            |              | PP         | I   | 0.0              | 0.0 | 0.1   | 0.0  | 0.2  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            | perm         |            | I   | 0.0              | 0.0 | 0.9   | 0.0  | -0.5 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.9   | 0.0  | -0.8 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.9   | 0.0  | -1.1 | 0.0 |
|     |   |            | acc          |            | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |              | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 164 | 2 | 3          | c mobili Max |            | I   | 0.0              | 0.0 | 3.0   | 0.3  | 7.6  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 3.0   | 0.3  | 7.7  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 3.0   | 0.3  | 9.5  | 0.0 |
|     |   |            | Min          |            | I   | 0.0              | 0.0 | -12.5 | -0.4 | -6.9 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | -12.5 | -0.4 | -4.8 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | -12.5 | -0.4 | -3.5 | 0.0 |
|     |   |            | PP           |            | I   | 0.0              | 0.0 | 0.1   | 0.0  | 0.2  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            | perm         |            | I   | 0.0              | 0.0 | 0.9   | 0.0  | -0.5 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.9   | 0.0  | -0.8 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.9   | 0.0  | -1.1 | 0.0 |
|     |   |            | acc          |            | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |              | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 165 | 2 | 3          | c mobili Max |            | I   | 0.0              | 0.0 | 3.0   | 0.3  | 7.5  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 3.0   | 0.3  | 7.7  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 3.0   | 0.3  | 9.5  | 0.0 |
|     |   |            | Min          |            | I   | 0.0              | 0.0 | -12.5 | -0.4 | -6.9 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | -12.5 | -0.4 | -4.7 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | -12.5 | -0.4 | -3.5 | 0.0 |
|     |   |            | PP           |            | I   | 0.0              | 0.0 | 0.1   | 0.0  | 0.2  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            | perm         |            | I   | 0.0              | 0.0 | 0.9   | 0.0  | -0.5 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.9   | 0.0  | -0.8 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.9   | 0.0  | -1.1 | 0.0 |
|     |   |            | acc          |            | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |              | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 166 | 2 | 3          | c mobili Max |            | I   | 0.0              | 0.0 | 3.0   | 0.3  | 7.5  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 3.0   | 0.3  | 7.7  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 3.0   | 0.3  | 9.4  | 0.0 |
|     |   |            | Min          |            | I   | 0.0              | 0.0 | -12.5 | -0.5 | -6.9 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | -12.5 | -0.5 | -4.7 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | -12.5 | -0.5 | -3.5 | 0.0 |
|     |   |            | PP           |            | I   | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            | perm         |            | I   | 0.0              | 0.0 | 0.9   | 0.0  | -0.5 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.9   | 0.0  | -0.8 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.9   | 0.0  | -1.0 | 0.0 |
|     |   |            | acc          |            | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |              | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 167 | 2 | 3          | c mobili Max |            | I   | 0.0              | 0.0 | 3.0   | 0.3  | 7.5  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 3.0   | 0.3  | 7.6  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 3.0   | 0.3  | 9.4  | 0.0 |
|     |   |            | Min          |            | I   | 0.0              | 0.0 | -12.5 | -0.5 | -6.8 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | -12.5 | -0.5 | -4.6 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | -12.5 | -0.5 | -3.4 | 0.0 |
|     |   |            | PP           |            | I   | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |
|     |   |            | perm         |            | I   | 0.0              | 0.0 | 0.9   | 0.0  | -0.5 | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.9   | 0.0  | -0.8 | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.9   | 0.0  | -1.0 | 0.0 |
|     |   |            | acc          |            | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   |            |              |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |              | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 168 | 2 | 3          | c mobili Max |            | I   | 0.0              | 0.0 | 3.0   | 0.3  | 7.4  | 0.0 |
|     |   |            |              |            | CNT | 0.0              | 0.0 | 3.0   | 0.3  | 7.5  | 0.0 |

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|     |   |            |            |                  |     |       |      |      |     |     |
|-----|---|------------|------------|------------------|-----|-------|------|------|-----|-----|
|     |   |            | J          | 0.0              | 0.0 | 3.0   | 0.3  | 9.2  | 0.0 |     |
|     |   | Min        | I          | 0.0              | 0.0 | -12.4 | -0.6 | -6.7 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | -12.4 | -0.6 | -4.6 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | -12.4 | -0.6 | -3.3 | 0.0 |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.9   | 0.0  | -0.5 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.9   | 0.0  | -0.7 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.9   | 0.0  | -1.0 | 0.0 |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 169 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 3.0  | 0.3  | 7.3 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0   | 3.0  | 0.3  | 7.3 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0   | 3.0  | 0.3  | 9.1 | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -12.3 | -0.6 | -6.6 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | -12.3 | -0.6 | -4.5 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | -12.3 | -0.6 | -3.2 | 0.0 |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.9   | 0.1  | -0.5 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.9   | 0.1  | -0.7 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.9   | 0.1  | -1.0 | 0.0 |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 170 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 2.9  | 0.4  | 7.1 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0   | 2.9  | 0.4  | 7.2 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0   | 2.9  | 0.4  | 8.9 | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -12.2 | -0.7 | -6.5 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | -12.2 | -0.7 | -4.4 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | -12.2 | -0.7 | -3.1 | 0.0 |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.8   | 0.1  | -0.4 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.8   | 0.1  | -0.7 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.8   | 0.1  | -1.0 | 0.0 |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 171 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 2.9  | 0.4  | 7.0 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0   | 2.9  | 0.4  | 7.0 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0   | 2.9  | 0.4  | 8.6 | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -12.1 | -0.7 | -6.3 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | -12.1 | -0.7 | -4.2 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | -12.1 | -0.7 | -3.0 | 0.0 |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.8   | 0.1  | -0.4 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.8   | 0.1  | -0.7 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.8   | 0.1  | -0.9 | 0.0 |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 172 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0   | 2.8  | 0.4  | 6.7 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0   | 2.8  | 0.4  | 6.7 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0   | 2.8  | 0.4  | 8.4 | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -12.0 | -0.8 | -6.2 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | -12.0 | -0.8 | -4.1 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | -12.0 | -0.8 | -2.9 | 0.0 |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.8   | 0.1  | -0.4 | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.8   | 0.1  | -0.6 | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.8   | 0.1  | -0.9 | 0.0 |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |

|            |   |            |      |                  |     |     |       |      |      |     |     |
|------------|---|------------|------|------------------|-----|-----|-------|------|------|-----|-----|
| Length = 2 |   | Type: Beam |      | Section: soletta |     |     |       |      |      |     |     |
| 173        | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 2.7   | 0.4  | 6.5  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 2.7   | 0.4  | 6.4  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 2.7   | 0.4  | 8.1  | 0.0 |     |
|            |   |            | Min  | I                | 0.0 | 0.0 | -11.8 | -0.9 | -6.1 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | -11.8 | -0.9 | -3.9 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | -11.8 | -0.9 | -2.7 | 0.0 |     |
|            |   |            |      | PP               | I   | 0.0 | 0.0   | 0.1  | 0.0  | 0.1 | 0.0 |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            | perm | I                | 0.0 | 0.0 | 0.7   | 0.1  | -0.4 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.7   | 0.1  | -0.6 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.7   | 0.1  | -0.8 | 0.0 |     |
|            |   |            | acc  | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
| Length = 2 |   | Type: Beam |      | Section: soletta |     |     |       |      |      |     |     |
| 174        | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 2.6   | 0.4  | 6.2  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 2.6   | 0.4  | 6.1  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 2.6   | 0.4  | 7.7  | 0.0 |     |
|            |   |            | Min  | I                | 0.0 | 0.0 | -11.6 | -0.9 | -5.9 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | -11.6 | -0.9 | -3.7 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | -11.6 | -0.9 | -2.5 | 0.0 |     |
|            |   |            |      | PP               | I   | 0.0 | 0.0   | 0.1  | 0.0  | 0.1 | 0.0 |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            | perm | I                | 0.0 | 0.0 | 0.7   | 0.1  | -0.4 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.7   | 0.1  | -0.6 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.7   | 0.1  | -0.8 | 0.0 |     |
|            |   |            | acc  | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
| Length = 2 |   | Type: Beam |      | Section: soletta |     |     |       |      |      |     |     |
| 175        | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 2.5   | 0.5  | 5.8  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 2.5   | 0.5  | 5.7  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 2.5   | 0.5  | 7.3  | 0.0 |     |
|            |   |            | Min  | I                | 0.0 | 0.0 | -11.4 | -1.0 | -5.7 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | -11.4 | -1.0 | -3.5 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | -11.4 | -1.0 | -2.4 | 0.0 |     |
|            |   |            |      | PP               | I   | 0.0 | 0.0   | 0.1  | 0.0  | 0.1 | 0.0 |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            | perm | I                | 0.0 | 0.0 | 0.6   | 0.1  | -0.3 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.6   | 0.1  | -0.5 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.6   | 0.1  | -0.7 | 0.0 |     |
|            |   |            | acc  | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
| Length = 2 |   | Type: Beam |      | Section: soletta |     |     |       |      |      |     |     |
| 176        | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 2.4   | 0.5  | 5.4  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 2.4   | 0.5  | 5.3  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 2.4   | 0.5  | 6.9  | 0.0 |     |
|            |   |            | Min  | I                | 0.0 | 0.0 | -11.1 | -1.0 | -5.5 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | -11.1 | -1.0 | -3.2 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | -11.1 | -1.0 | -2.2 | 0.0 |     |
|            |   |            |      | PP               | I   | 0.0 | 0.0   | 0.1  | 0.0  | 0.1 | 0.0 |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.1   | 0.0  | 0.1  | 0.0 |     |
|            |   |            | perm | I                | 0.0 | 0.0 | 0.6   | 0.1  | -0.3 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.6   | 0.1  | -0.5 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.6   | 0.1  | -0.7 | 0.0 |     |
|            |   |            | acc  | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
| Length = 2 |   | Type: Beam |      | Section: soletta |     |     |       |      |      |     |     |
| 177        | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 2.3   | 0.5  | 5.0  | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 2.3   | 0.5  | 4.9  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 2.3   | 0.5  | 6.4  | 0.0 |     |
|            |   |            | Min  | I                | 0.0 | 0.0 | -10.8 | -1.1 | -5.2 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | -10.8 | -1.1 | -3.0 | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | -10.8 | -1.1 | -2.0 | 0.0 |     |
|            |   |            |      | PP               | I   | 0.0 | 0.0   | 0.0  | 0.0  | 0.1 | 0.0 |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|            |   |            |      | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |     |
|            |   |            | perm | I                | 0.0 | 0.0 | 0.5   | 0.1  | -0.3 | 0.0 |     |
|            |   |            |      | CNT              | 0.0 | 0.0 | 0.5   | 0.1  | -0.5 | 0.0 |     |

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|     |            |            |                  |     |     |       |      |      |     |
|-----|------------|------------|------------------|-----|-----|-------|------|------|-----|
|     |            |            | J                | 0.0 | 0.0 | 0.5   | 0.1  | -0.6 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 178 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 2.1   | 0.5  | 4.5  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 2.1   | 0.5  | 4.4  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 2.1   | 0.5  | 5.9  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -10.3 | -1.1 | -4.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -10.3 | -1.1 | -2.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -10.3 | -1.1 | -1.8 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.4   | 0.1  | -0.3 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.4   | 0.1  | -0.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.4   | 0.1  | -0.5 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 179 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 1.9   | 0.6  | 4.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 1.9   | 0.6  | 3.8  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 1.9   | 0.6  | 5.4  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -9.7  | -1.1 | -4.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.7  | -1.1 | -2.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.7  | -1.1 | -1.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.4   | 0.1  | -0.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.4   | 0.1  | -0.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.4   | 0.1  | -0.5 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 180 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 1.7   | 0.6  | 3.4  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 1.7   | 0.6  | 3.3  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 1.7   | 0.6  | 4.8  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -8.8  | -1.2 | -3.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -8.8  | -1.2 | -2.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -8.8  | -1.2 | -1.3 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3   | 0.1  | -0.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3   | 0.1  | -0.3 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3   | 0.1  | -0.4 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 181 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 1.4   | 0.6  | 2.8  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 1.4   | 0.6  | 2.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 1.4   | 0.6  | 4.2  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -8.4  | -1.2 | -3.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -8.4  | -1.2 | -2.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -8.4  | -1.2 | -1.1 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.2   | 0.1  | -0.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2   | 0.1  | -0.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2   | 0.1  | -0.3 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 182 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 1.4   | 0.6  | 2.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 1.4   | 0.6  | 2.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 1.4   | 0.6  | 3.5  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -7.8  | -1.2 | -2.6 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -7.8  | -1.2 | -1.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -7.8  | -1.2 | -1.3 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |

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|     |   |            |              |                        |     |     |       |       |       |     |     |
|-----|---|------------|--------------|------------------------|-----|-----|-------|-------|-------|-----|-----|
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            | perm         | I                      | 0.0 | 0.0 | 0.1   | 0.1   | -0.2  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.1   | 0.1   | -0.2  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.1   | 0.1   | -0.2  | 0.0 | 0.0 |
|     |   |            | acc          | I                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   | Length = 2 | Type: Beam   | Section: soletta       |     |     |       |       |       |     |     |
| 183 | 2 | 3          | c mobili Max | I                      | 0.0 | 0.0 | 2.7   | 0.6   | 1.5   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 2.7   | 0.6   | 1.5   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 2.7   | 0.6   | 3.1   | 0.0 | 0.0 |
|     |   |            | Min          | I                      | 0.0 | 0.0 | -6.9  | -1.2  | -2.2  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -6.9  | -1.2  | -1.3  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -6.9  | -1.2  | -1.8  | 0.0 | 0.0 |
|     |   |            | pp           | I                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            | perm         | I                      | 0.0 | 0.0 | -0.1  | 0.1   | -0.2  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -0.1  | 0.1   | -0.1  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -0.1  | 0.1   | -0.1  | 0.0 | 0.0 |
|     |   |            | acc          | I                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   | Length = 2 | Type: Beam   | Section: soletta       |     |     |       |       |       |     |     |
| 184 | 2 | 3          | c mobili Max | I                      | 0.0 | 0.0 | 5.2   | 0.6   | 1.2   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 5.2   | 0.6   | 0.8   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 5.2   | 0.6   | 2.8   | 0.0 | 0.0 |
|     |   |            | Min          | I                      | 0.0 | 0.0 | -7.4  | -1.2  | -1.8  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -7.4  | -1.2  | -1.0  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -7.4  | -1.2  | -2.4  | 0.0 | 0.0 |
|     |   |            | pp           | I                      | 0.0 | 0.0 | -0.0  | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -0.0  | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -0.0  | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            | perm         | I                      | 0.0 | 0.0 | -0.3  | 0.1   | -0.2  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -0.3  | 0.1   | -0.1  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -0.3  | 0.1   | 0.0   | 0.0 | 0.0 |
|     |   |            | acc          | I                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   | Length = 2 | Type: Beam   | Section: soletta       |     |     |       |       |       |     |     |
| 185 | 2 | 3          | c mobili Max | I                      | 0.0 | 0.0 | 11.1  | 0.6   | 2.8   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 11.1  | 0.6   | 0.3   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 11.1  | 0.6   | 2.5   | 0.0 | 0.0 |
|     |   |            | Min          | I                      | 0.0 | 0.0 | -7.7  | -1.2  | -2.2  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -7.7  | -1.2  | -0.6  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -7.7  | -1.2  | -3.9  | 0.0 | 0.0 |
|     |   |            | pp           | I                      | 0.0 | 0.0 | -0.1  | 0.0   | -0.0  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -0.1  | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -0.1  | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            | perm         | I                      | 0.0 | 0.0 | -0.7  | 0.1   | -0.2  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -0.7  | 0.1   | -0.0  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -0.7  | 0.1   | 0.2   | 0.0 | 0.0 |
|     |   |            | acc          | I                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   | Length = 2 | Type: Beam   | Section: soletta       |     |     |       |       |       |     |     |
| 186 | 2 | 4          | c mobili Max | I                      | 0.0 | 0.0 | 112.0 | 10.9  | 60.8  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 112.0 | 10.9  | 47.9  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 112.0 | 10.9  | 42.9  | 0.0 | 0.0 |
|     |   |            | Min          | I                      | 0.0 | 0.0 | -47.8 | -20.2 | -59.1 | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -47.8 | -20.2 | -50.4 | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -47.8 | -20.2 | -56.8 | 0.0 | 0.0 |
|     |   |            | pp           | I                      | 0.0 | 0.0 | -1.3  | 0.4   | -1.5  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -1.3  | 0.4   | -1.2  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -1.3  | 0.4   | -0.8  | 0.0 | 0.0 |
|     |   |            | perm         | I                      | 0.0 | 0.0 | -14.0 | 2.4   | -0.6  | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | -14.0 | 2.4   | 3.6   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | -14.0 | 2.4   | 7.8   | 0.0 | 0.0 |
|     |   |            | acc          | I                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 | 0.0 |
|     |   | Length = 2 | Type: Beam   | Section: trasverso cap |     |     |       |       |       |     |     |
| 187 | 1 | 1          | c mobili Max | I                      | 0.0 | 0.0 | 154.6 | 133.4 | 8.7   | 0.0 | 0.0 |
|     |   |            |              | CNT                    | 0.0 | 0.0 | 154.6 | 133.4 | 22.3  | 0.0 | 0.0 |
|     |   |            |              | J                      | 0.0 | 0.0 | 154.6 | 133.4 | 36.7  | 0.0 | 0.0 |

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|     |   |            |                                      |     |     |     |     |        |        |       |     |
|-----|---|------------|--------------------------------------|-----|-----|-----|-----|--------|--------|-------|-----|
|     |   |            |                                      | Min | I   | 0.0 | 0.0 | -57.5  | -188.2 | -11.5 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -57.5  | -188.2 | -41.1 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -57.5  | -188.2 | -79.8 | 0.0 |
|     |   |            | pp                                   |     | I   | 0.0 | 0.0 | 0.6    | 4.1    | -0.3  | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 6.9    | 4.1    | -1.2  | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 13.3   | 4.1    | -3.8  | 0.0 |
|     |   |            | perm                                 |     | I   | 0.0 | 0.0 | -9.0   | 13.9   | 1.4   | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -7.5   | 13.9   | 3.5   | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -6.0   | 13.9   | 5.2   | 0.0 |
|     |   |            | acc                                  |     | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            | Length = 0.5 Type: Beam Section: cap |     |     |     |     |        |        |       |     |
| 188 | 1 | 1 c mobili | Max                                  |     | I   | 0.0 | 0.0 | 10.7   | 145.4  | 37.2  | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 10.7   | 145.4  | 64.7  | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 10.7   | 145.4  | 136.4 | 0.0 |
|     |   |            | Min                                  |     | I   | 0.0 | 0.0 | -308.1 | -204.3 | -79.9 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -308.1 | -204.3 | -64.1 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -308.1 | -204.3 | -59.5 | 0.0 |
|     |   |            | pp                                   |     | I   | 0.0 | 0.0 | -279.2 | 4.3    | -3.8  | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -272.8 | 4.3    | 65.2  | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -266.4 | 4.3    | 132.6 | 0.0 |
|     |   |            | perm                                 |     | I   | 0.0 | 0.0 | -74.0  | 14.7   | 5.3   | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -72.5  | 14.7   | 23.6  | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -71.0  | 14.7   | 41.5  | 0.0 |
|     |   |            | acc                                  |     | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            | Length = 0.5 Type: Beam Section: cap |     |     |     |     |        |        |       |     |
| 189 | 1 | 1 c mobili | Max                                  |     | I   | 0.0 | 0.0 | 26.1   | 147.2  | 136.1 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 26.1   | 147.2  | 184.0 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 26.1   | 147.2  | 255.0 | 0.0 |
|     |   |            | Min                                  |     | I   | 0.0 | 0.0 | -284.7 | -215.8 | -59.5 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -284.7 | -215.8 | -57.4 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -284.7 | -215.8 | -55.3 | 0.0 |
|     |   |            | pp                                   |     | I   | 0.0 | 0.0 | -266.4 | 4.4    | 132.6 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -260.1 | 4.4    | 198.4 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -253.7 | 4.4    | 262.6 | 0.0 |
|     |   |            | perm                                 |     | I   | 0.0 | 0.0 | -71.3  | 15.1   | 41.6  | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -69.8  | 15.1   | 59.2  | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -68.3  | 15.1   | 76.5  | 0.0 |
|     |   |            | acc                                  |     | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            | Length = 0.5 Type: Beam Section: cap |     |     |     |     |        |        |       |     |
| 190 | 1 | 1 c mobili | Max                                  |     | I   | 0.0 | 0.0 | 35.5   | 150.6  | 254.7 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 35.5   | 150.6  | 291.6 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 35.5   | 150.6  | 358.5 | 0.0 |
|     |   |            | Min                                  |     | I   | 0.0 | 0.0 | -268.3 | -220.7 | -55.2 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -268.3 | -220.7 | -53.3 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -268.3 | -220.7 | -51.4 | 0.0 |
|     |   |            | pp                                   |     | I   | 0.0 | 0.0 | -253.7 | 4.3    | 262.6 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -247.3 | 4.3    | 325.2 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -240.9 | 4.3    | 386.3 | 0.0 |
|     |   |            | perm                                 |     | I   | 0.0 | 0.0 | -68.4  | 15.2   | 76.6  | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -66.9  | 15.2   | 93.5  | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -65.4  | 15.2   | 110.0 | 0.0 |
|     |   |            | acc                                  |     | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            | Length = 0.5 Type: Beam Section: cap |     |     |     |     |        |        |       |     |
| 191 | 1 | 1 c mobili | Max                                  |     | I   | 0.0 | 0.0 | 48.6   | 147.5  | 358.1 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 48.6   | 147.5  | 387.0 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 48.6   | 147.5  | 450.5 | 0.0 |
|     |   |            | Min                                  |     | I   | 0.0 | 0.0 | -255.6 | -220.8 | -51.4 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -255.6 | -220.8 | -49.7 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -255.6 | -220.8 | -47.9 | 0.0 |
|     |   |            | pp                                   |     | I   | 0.0 | 0.0 | -241.0 | 4.3    | 386.3 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -234.6 | 4.3    | 445.7 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -228.2 | 4.3    | 503.6 | 0.0 |
|     |   |            | perm                                 |     | I   | 0.0 | 0.0 | -65.4  | 15.1   | 110.1 | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | -63.9  | 15.1   | 126.3 | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | -62.4  | 15.1   | 142.1 | 0.0 |
|     |   |            | acc                                  |     | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |                                      |     | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |

|      |     |              |          |            |              |            |              |              |        |       |      |       |       |     |
|------|-----|--------------|----------|------------|--------------|------------|--------------|--------------|--------|-------|------|-------|-------|-----|
|      |     | Length = 0.5 |          | Type: Beam | Section: cap |            |              |              |        |       |      |       |       |     |
| 192  | 1   | 1            | c mobili | Max        | I            | 0.0        | 0.0          | 61.1         | 144.8  | 450.1 | 0.0  |       |       |     |
|      |     |              |          |            | CNT          | 0.0        | 0.0          | 61.1         | 144.8  | 473.1 | 0.0  |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | 61.1         | 144.8        | 533.3  | 0.0   |      |       |       |     |
|      |     |              |          | Min        | I            | 0.0        | 0.0          | -245.0       | -217.8 | -47.9 | 0.0  |       |       |     |
|      |     |              |          |            | CNT          | 0.0        | 0.0          | -245.0       | -217.8 | -46.4 | 0.0  |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | -245.0       | -217.8       | -44.8  | 0.0   |      |       |       |     |
|      |     |              | pp       | I          | 0.0          | 0.0        | -228.2       | 4.2          | 503.5  | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | -221.9       | 4.2          | 559.8  | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | -215.5       | 4.2          | 614.5  | 0.0   |      |       |       |     |
|      |     |              | perm     | I          | 0.0          | 0.0        | -62.3        | 14.9         | 142.1  | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | -60.8        | 14.9         | 157.5  | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | -59.3        | 14.9         | 172.5  | 0.0   |      |       |       |     |
|      |     |              | acc      | I          | 0.0          | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     |              |          |            | Length = 0.5 |            | Type: Beam   | Section: cap |        |       |      |       |       |     |
|      |     |              | 193      | 1          | 1            | c mobili   | Max          | I            | 0.0    | 0.0   | 70.8 | 142.3 | 532.9 | 0.0 |
|      |     |              |          |            |              |            |              | CNT          | 0.0    | 0.0   | 70.8 | 142.3 | 553.4 | 0.0 |
| J    | 0.0 | 0.0          |          |            |              |            | 70.8         | 142.3        | 608.1  | 0.0   |      |       |       |     |
| Min  | I   | 0.0          |          |            |              |            | 0.0          | -235.9       | -212.7 | -44.8 | 0.0  |       |       |     |
|      | CNT | 0.0          |          |            |              |            | 0.0          | -235.9       | -212.7 | -43.4 | 0.0  |       |       |     |
| J    | 0.0 | 0.0          |          |            |              |            | -235.9       | -212.7       | -42.0  | 0.0   |      |       |       |     |
| pp   | I   | 0.0          |          |            |              | 0.0        | -215.5       | 4.1          | 614.5  | 0.0   |      |       |       |     |
|      | CNT | 0.0          |          |            |              | 0.0        | -209.2       | 4.1          | 667.5  | 0.0   |      |       |       |     |
|      | J   | 0.0          |          |            |              | 0.0        | -202.8       | 4.1          | 719.0  | 0.0   |      |       |       |     |
| perm | I   | 0.0          |          |            |              | 0.0        | -59.1        | 14.6         | 172.6  | 0.0   |      |       |       |     |
|      | CNT | 0.0          |          |            |              | 0.0        | -57.6        | 14.6         | 187.2  | 0.0   |      |       |       |     |
|      | J   | 0.0          |          |            |              | 0.0        | -56.1        | 14.6         | 201.4  | 0.0   |      |       |       |     |
| acc  | I   | 0.0          |          |            |              | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      | CNT | 0.0          |          |            |              | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      | J   | 0.0          |          |            |              | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     | Length = 0.5 |          |            |              | Type: Beam | Section: cap |              |        |       |      |       |       |     |
| 194  | 1   | 1            |          |            |              | c mobili   | Max          | I            | 0.0    | 0.0   | 79.0 | 140.0 | 607.8 | 0.0 |
|      |     |              |          |            |              |            |              | CNT          | 0.0    | 0.0   | 79.0 | 140.0 | 626.0 | 0.0 |
|      |     |              | J        | 0.0        | 0.0          |            | 79.0         | 140.0        | 676.0  | 0.0   |      |       |       |     |
|      |     |              | Min      | I          | 0.0          |            | 0.0          | -227.9       | -206.4 | -42.0 | 0.0  |       |       |     |
|      |     |              |          | CNT        | 0.0          |            | 0.0          | -227.9       | -206.4 | -40.7 | 0.0  |       |       |     |
|      |     |              | J        | 0.0        | 0.0          |            | -227.9       | -206.4       | -39.5  | 0.0   |      |       |       |     |
|      |     |              | pp       | I          | 0.0          | 0.0        | -202.8       | 3.9          | 719.0  | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | -196.5       | 3.9          | 768.9  | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | -190.1       | 3.9          | 817.2  | 0.0   |      |       |       |     |
|      |     |              | perm     | I          | 0.0          | 0.0        | -55.9        | 14.1         | 201.5  | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | -54.4        | 14.1         | 215.3  | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | -52.9        | 14.1         | 228.7  | 0.0   |      |       |       |     |
|      |     |              | acc      | I          | 0.0          | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     |              |          |            | Length = 0.5 |            | Type: Beam   | Section: cap |        |       |      |       |       |     |
|      |     |              | 195      | 1          | 1            | c mobili   | Max          | I            | 0.0    | 0.0   | 86.0 | 137.6 | 675.6 | 0.0 |
|      |     |              |          |            |              |            |              | CNT          | 0.0    | 0.0   | 86.0 | 137.6 | 691.9 | 0.0 |
| J    | 0.0 | 0.0          |          |            |              |            | 86.0         | 137.6        | 737.6  | 0.0   |      |       |       |     |
| Min  | I   | 0.0          |          |            |              |            | 0.0          | -220.6       | -199.2 | -39.4 | 0.0  |       |       |     |
|      | CNT | 0.0          |          |            |              |            | 0.0          | -220.6       | -199.2 | -38.3 | 0.0  |       |       |     |
| J    | 0.0 | 0.0          |          |            |              |            | -220.6       | -199.2       | -37.2  | 0.0   |      |       |       |     |
| pp   | I   | 0.0          |          |            |              | 0.0        | -190.1       | 3.8          | 817.2  | 0.0   |      |       |       |     |
|      | CNT | 0.0          |          |            |              | 0.0        | -183.8       | 3.8          | 864.0  | 0.0   |      |       |       |     |
|      | J   | 0.0          |          |            |              | 0.0        | -177.4       | 3.8          | 909.1  | 0.0   |      |       |       |     |
| perm | I   | 0.0          |          |            |              | 0.0        | -52.6        | 13.6         | 228.8  | 0.0   |      |       |       |     |
|      | CNT | 0.0          |          |            |              | 0.0        | -51.1        | 13.6         | 241.7  | 0.0   |      |       |       |     |
|      | J   | 0.0          |          |            |              | 0.0        | -49.6        | 13.6         | 254.3  | 0.0   |      |       |       |     |
| acc  | I   | 0.0          |          |            |              | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      | CNT | 0.0          |          |            |              | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      | J   | 0.0          |          |            |              | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   |      |       |       |     |
|      |     | Length = 0.5 |          |            |              | Type: Beam | Section: cap |              |        |       |      |       |       |     |
| 196  | 1   | 1            |          |            |              | c mobili   | Max          | I            | 0.0    | 0.0   | 92.1 | 135.1 | 737.3 | 0.0 |
|      |     |              |          |            |              |            |              | CNT          | 0.0    | 0.0   | 92.1 | 135.1 | 751.7 | 0.0 |
|      |     |              | J        | 0.0        | 0.0          |            | 92.1         | 135.1        | 793.6  | 0.0   |      |       |       |     |
|      |     |              | Min      | I          | 0.0          |            | 0.0          | -214.0       | -191.6 | -37.2 | 0.0  |       |       |     |
|      |     |              |          | CNT        | 0.0          |            | 0.0          | -214.0       | -191.6 | -36.1 | 0.0  |       |       |     |
|      |     |              | J        | 0.0        | 0.0          |            | -214.0       | -191.6       | -35.1  | 0.0   |      |       |       |     |
|      |     |              | pp       | I          | 0.0          | 0.0        | -177.4       | 3.6          | 909.1  | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | -171.1       | 3.6          | 952.7  | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | -164.7       | 3.6          | 994.6  | 0.0   |      |       |       |     |
|      |     |              | perm     | I          | 0.0          | 0.0        | -49.2        | 12.9         | 254.4  | 0.0   |      |       |       |     |
|      |     |              |          | CNT        | 0.0          | 0.0        | -47.7        | 12.9         | 266.5  | 0.0   |      |       |       |     |
|      |     |              |          | J          | 0.0          | 0.0        | -46.2        | 12.9         | 278.3  | 0.0   |      |       |       |     |

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|     |              |                |              |     |     |        |        |        |     |     |  |
|-----|--------------|----------------|--------------|-----|-----|--------|--------|--------|-----|-----|--|
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |        |     |     |  |
| 197 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 97.6   | 132.3  | 793.3  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 97.6   | 132.3  | 805.9  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 97.6   | 132.3  | 844.2  |     | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -207.9 | -183.6 | -35.1  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -207.9 | -183.6 | -34.2  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -207.9 | -183.6 | -33.2  |     | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -164.8 | 3.4    | 994.6  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -158.4 | 3.4    | 1035.0 |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -152.0 | 3.4    | 1073.8 |     | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -45.9  | 12.2   | 278.3  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -44.4  | 12.2   | 289.6  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -42.9  | 12.2   | 300.5  |     | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |        |     |     |  |
| 198 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 102.5  | 129.3  | 843.9  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 102.5  | 129.3  | 854.9  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 102.5  | 129.3  | 889.9  |     | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -202.1 | -175.4 | -33.2  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -202.1 | -175.4 | -32.4  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -202.1 | -175.4 | -31.5  |     | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -152.1 | 3.2    | 1073.8 |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -145.7 | 3.2    | 1111.0 |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -139.3 | 3.2    | 1146.7 |     | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -42.4  | 11.5   | 300.6  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -40.9  | 11.5   | 311.0  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -39.4  | 11.5   | 321.1  |     | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |        |     |     |  |
| 199 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 107.1  | 126.0  | 889.6  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 107.1  | 126.0  | 899.1  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 107.1  | 126.0  | 930.9  |     | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -196.7 | -167.1 | -31.5  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -196.7 | -167.1 | -30.7  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -196.7 | -167.1 | -29.9  |     | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -139.4 | 2.9    | 1146.7 |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -133.0 | 2.9    | 1180.7 |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -126.7 | 2.9    | 1213.2 |     | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -39.0  | 10.7   | 321.1  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -37.5  | 10.7   | 330.7  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -36.0  | 10.7   | 339.8  |     | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |        |     |     |  |
| 200 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 111.4  | 122.5  | 930.7  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 111.4  | 122.5  | 938.6  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 111.4  | 122.5  | 967.5  |     | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -191.5 | -158.8 | -29.9  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -191.5 | -158.8 | -29.2  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -191.5 | -158.8 | -28.5  |     | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -126.7 | 2.7    | 1213.2 |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -120.4 | 2.7    | 1244.0 |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -114.0 | 2.7    | 1273.3 |     | 0.0 |  |
|     |              | perm           | I            | 0.0 | 0.0 | -35.5  | 9.8    | 339.9  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -34.0  | 9.8    | 348.6  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -32.5  | 9.8    | 356.9  |     | 0.0 |  |
|     |              | acc            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    |     | 0.0 |  |
|     | Length = 0.5 | Type: Beam     | Section: cap |     |     |        |        |        |     |     |  |
| 201 | 1            | 1 c mobili Max | I            | 0.0 | 0.0 | 115.4  | 118.9  | 967.2  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | 115.4  | 118.9  | 973.7  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | 115.4  | 118.9  | 999.7  |     | 0.0 |  |
|     |              | Min            | I            | 0.0 | 0.0 | -186.5 | -150.5 | -28.5  |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -186.5 | -150.5 | -27.8  |     | 0.0 |  |
|     |              |                | J            | 0.0 | 0.0 | -186.5 | -150.5 | -27.1  |     | 0.0 |  |
|     |              | pp             | I            | 0.0 | 0.0 | -114.1 | 2.4    | 1273.3 |     | 0.0 |  |
|     |              |                | CNT          | 0.0 | 0.0 | -107.7 | 2.4    | 1301.0 |     | 0.0 |  |



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|     |   |              |            |              |     |        |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|--------|--------|--------|--------|-----|
|     |   |              | J          | 0.0          | 0.0 | -101.3 | 2.4    | 1327.2 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -32.0  | 8.9    | 356.9  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -30.5  | 8.9    | 364.7  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -29.0  | 8.9    | 372.2  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 202 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 119.4  | 115.0  | 999.4  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 119.4  | 115.0  | 1004.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 119.4  | 115.0  | 1027.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -181.7 | -142.3 | -27.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -181.7 | -142.3 | -26.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -181.7 | -142.3 | -25.8  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -101.4 | 2.2    | 1327.2 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -95.0  | 2.2    | 1351.7 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -88.6  | 2.2    | 1374.7 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -28.4  | 7.9    | 372.2  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -26.9  | 7.9    | 379.1  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -25.4  | 7.9    | 385.7  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 203 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 123.5  | 111.0  | 1027.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 123.5  | 111.0  | 1031.2 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 123.5  | 111.0  | 1051.5 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -177.1 | -134.1 | -25.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -177.1 | -134.1 | -25.2  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -177.1 | -134.1 | -24.6  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -88.7  | 1.9    | 1374.7 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -82.3  | 1.9    | 1396.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -76.0  | 1.9    | 1415.8 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -24.9  | 6.9    | 385.7  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -23.4  | 6.9    | 391.7  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -21.9  | 6.9    | 397.4  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 204 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 127.5  | 106.9  | 1051.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 127.5  | 106.9  | 1053.8 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 127.5  | 106.9  | 1071.4 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -172.6 | -125.9 | -24.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -172.6 | -125.9 | -24.0  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -172.6 | -125.9 | -23.4  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -76.0  | 1.6    | 1415.8 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -69.7  | 1.6    | 1434.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -63.3  | 1.6    | 1450.7 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -21.3  | 5.9    | 397.4  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -19.8  | 5.9    | 402.6  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -18.3  | 5.9    | 407.3  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 205 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 131.4  | 103.2  | 1071.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 131.4  | 103.2  | 1072.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 131.4  | 103.2  | 1087.3 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -168.2 | -118.0 | -23.4  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -168.2 | -118.0 | -22.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -168.2 | -118.0 | -22.3  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -63.4  | 1.3    | 1450.7 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -57.0  | 1.3    | 1465.7 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -50.6  | 1.3    | 1479.2 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -17.7  | 4.8    | 407.4  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -16.2  | 4.8    | 411.6  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -14.7  | 4.8    | 415.5  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 206 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 135.4  | 100.2  | 1087.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 135.4  | 100.2  | 1086.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 135.4  | 100.2  | 1099.3 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -163.8 | -111.9 | -22.3  | 0.0 |

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|     |   |              |            |              |     |        |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|--------|--------|--------|--------|-----|
|     |   |              | CNT        | 0.0          | 0.0 | -163.8 | -111.9 | -21.8  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -163.8 | -111.9 | -21.3  | 0.0    |     |
|     |   | pp           | I          | 0.0          | 0.0 | -50.7  | 1.0    | 1479.2 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -44.3  | 1.0    | 1491.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -38.0  | 1.0    | 1501.3 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -14.1  | 3.8    | 415.5  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -12.6  | 3.8    | 418.8  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -11.1  | 3.8    | 421.8  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 207 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 139.3  | 98.7   | 1099.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 139.3  | 98.7   | 1097.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 139.3  | 98.7   | 1107.4 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -159.6 | -106.9 | -21.3  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -159.6 | -106.9 | -20.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -159.6 | -106.9 | -20.2  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -38.0  | 0.7    | 1501.3 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -31.7  | 0.7    | 1510.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -25.3  | 0.7    | 1517.2 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -10.5  | 2.7    | 421.8  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -9.0   | 2.7    | 424.3  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -7.5   | 2.7    | 426.3  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 208 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 143.3  | 99.5   | 1107.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 143.3  | 99.5   | 1104.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 143.3  | 99.5   | 1111.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -155.4 | -103.6 | -20.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -155.4 | -103.6 | -19.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -155.4 | -103.6 | -19.2  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -25.4  | 0.4    | 1517.1 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -19.0  | 0.4    | 1522.7 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -12.6  | 0.4    | 1526.6 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -6.9   | 1.6    | 426.3  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -5.4   | 1.6    | 427.9  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -3.9   | 1.6    | 429.0  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 209 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 147.3  | 100.5  | 1111.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 147.3  | 100.5  | 1107.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 147.3  | 100.5  | 1111.9 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -151.3 | -101.9 | -19.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -151.3 | -101.9 | -18.8  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -151.3 | -101.9 | -18.3  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -12.7  | 0.2    | 1526.6 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -6.3   | 0.2    | 1529.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.2    | 1529.8 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -3.3   | 0.5    | 429.0  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -1.8   | 0.5    | 429.7  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -0.3   | 0.5    | 429.9  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 210 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 151.3  | 101.9  | 1111.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 151.3  | 101.9  | 1107.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 151.3  | 101.9  | 1111.5 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -147.3 | -100.5 | -18.3  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -147.3 | -100.5 | -18.8  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -147.3 | -100.5 | -19.2  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | -0.0   | -0.2   | 1529.8 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 6.3    | -0.2   | 1529.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 12.7   | -0.2   | 1526.6 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 0.3    | -0.5   | 429.9  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 1.8    | -0.5   | 429.7  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 3.3    | -0.5   | 429.0  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |

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|     |     |            |      |     |     |     |        |       |        |     |
|-----|-----|------------|------|-----|-----|-----|--------|-------|--------|-----|
| 211 | 1   | 1 c mobili | Max  | I   | 0.0 | 0.0 | 155.4  | 103.6 | 1111.6 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 155.4  | 103.6 | 1104.4 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 155.4  | 103.6 | 1107.2 | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | -143.3 | -99.5 | -19.2  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | -143.3 | -99.5 | -19.7  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | -143.3 | -99.5 | -20.2  | 0.0 |
|     |     |            | pp   | I   | 0.0 | 0.0 | 12.6   | -0.4  | 1526.6 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 19.0   | -0.4  | 1522.7 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 25.4   | -0.4  | 1517.1 | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 3.9    | -1.6  | 429.0  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 5.4    | -1.6  | 427.9  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 6.9    | -1.6  | 426.3  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |       |        |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |       |        |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |       |        |     |

Length = 0.5      Type: Beam      Section: cap

|     |     |            |      |     |     |     |        |       |        |     |
|-----|-----|------------|------|-----|-----|-----|--------|-------|--------|-----|
| 212 | 1   | 1 c mobili | Max  | I   | 0.0 | 0.0 | 159.6  | 106.9 | 1107.4 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 159.6  | 106.9 | 1097.6 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 159.6  | 106.9 | 1099.1 | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | -139.3 | -98.7 | -20.2  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | -139.3 | -98.7 | -20.7  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | -139.3 | -98.7 | -21.3  | 0.0 |
|     |     |            | pp   | I   | 0.0 | 0.0 | 25.3   | -0.7  | 1517.2 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 31.7   | -0.7  | 1510.0 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 38.0   | -0.7  | 1501.3 | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 7.5    | -2.7  | 426.3  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 9.0    | -2.7  | 424.3  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 10.5   | -2.7  | 421.8  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |       |        |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |       |        |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |       |        |     |

Length = 0.5      Type: Beam      Section: cap

|     |     |            |      |     |     |     |        |        |        |     |
|-----|-----|------------|------|-----|-----|-----|--------|--------|--------|-----|
| 213 | 1   | 1 c mobili | Max  | I   | 0.0 | 0.0 | 163.8  | 111.9  | 1099.3 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 163.8  | 111.9  | 1086.9 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 163.8  | 111.9  | 1087.1 | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | -135.4 | -100.2 | -21.3  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | -135.4 | -100.2 | -21.8  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | -135.4 | -100.2 | -22.3  | 0.0 |
|     |     |            | pp   | I   | 0.0 | 0.0 | 38.0   | -1.0   | 1501.3 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 44.3   | -1.0   | 1491.0 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 50.7   | -1.0   | 1479.2 | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 11.1   | -3.8   | 421.8  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 12.6   | -3.8   | 418.8  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 14.1   | -3.8   | 415.5  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |        |        |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |        |        |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |        |        |     |

Length = 0.5      Type: Beam      Section: cap

|     |     |            |      |     |     |     |        |        |        |     |
|-----|-----|------------|------|-----|-----|-----|--------|--------|--------|-----|
| 214 | 1   | 1 c mobili | Max  | I   | 0.0 | 0.0 | 168.2  | 118.0  | 1087.3 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 168.2  | 118.0  | 1072.3 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 168.2  | 118.0  | 1071.2 | 0.0 |
|     |     |            | Min  | I   | 0.0 | 0.0 | -131.4 | -103.2 | -22.3  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | -131.4 | -103.2 | -22.9  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | -131.4 | -103.2 | -23.4  | 0.0 |
|     |     |            | pp   | I   | 0.0 | 0.0 | 50.6   | -1.3   | 1479.2 | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 57.0   | -1.3   | 1465.7 | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 63.4   | -1.3   | 1450.7 | 0.0 |
|     |     |            | perm | I   | 0.0 | 0.0 | 14.7   | -4.8   | 415.5  | 0.0 |
|     |     |            |      | CNT | 0.0 | 0.0 | 16.2   | -4.8   | 411.6  | 0.0 |
|     |     |            |      | J   | 0.0 | 0.0 | 17.7   | -4.8   | 407.4  | 0.0 |
| acc | I   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |        |        |     |
|     | CNT | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |        |        |     |
|     | J   | 0.0        | 0.0  | 0.0 | 0.0 | 0.0 | 0.0    |        |        |     |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |     |        |        |        |     |
|-----|---|------------|------|-----|-----|-----|--------|--------|--------|-----|
| 215 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 172.6  | 125.9  | 1071.4 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 172.6  | 125.9  | 1053.8 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 172.6  | 125.9  | 1051.4 | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -127.5 | -106.9 | -23.4  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -127.5 | -106.9 | -24.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -127.5 | -106.9 | -24.6  | 0.0 |
|     |   |            | pp   | I   | 0.0 | 0.0 | 63.3   | -1.6   | 1450.7 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 69.7   | -1.6   | 1434.0 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 76.0   | -1.6   | 1415.8 | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 18.3   | -5.9   | 407.3  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 19.8   | -5.9   | 402.6  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 21.3   | -5.9   | 397.4  | 0.0 |

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|     |              |            |            |              |     |     |        |        |        |     |     |
|-----|--------------|------------|------------|--------------|-----|-----|--------|--------|--------|-----|-----|
|     |              |            | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     |              |            |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     |              |            |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     | Length = 0.5 |            | Type: Beam | Section: cap |     |     |        |        |        |     |     |
| 216 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 177.1  | 134.1  | 1051.5 | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 177.1  | 134.1  | 1031.2 | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 177.1  | 134.1  | 1027.4 | 0.0 |     |
|     |              |            | Min        | I            | 0.0 | 0.0 | -123.5 | -111.0 | -24.6  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | -123.5 | -111.0 | -25.2  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | -123.5 | -111.0 | -25.8  | 0.0 |     |
|     |              |            | pp         | I            | 0.0 | 0.0 | 76.0   | -1.9   | 1415.8 | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 82.3   | -1.9   | 1396.0 | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 88.7   | -1.9   | 1374.7 | 0.0 |     |
|     |              |            | perm       | I            | 0.0 | 0.0 | 21.9   | -6.9   | 397.4  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 23.4   | -6.9   | 391.7  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 24.9   | -6.9   | 385.7  | 0.0 |     |
|     |              |            | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |     |     |        |        |        |     |     |
| 217 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 181.7  | 142.3  | 1027.7 | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 181.7  | 142.3  | 1004.6 | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 181.7  | 142.3  | 999.4  | 0.0 |     |
|     |              |            | Min        | I            | 0.0 | 0.0 | -119.4 | -115.0 | -25.8  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | -119.4 | -115.0 | -26.4  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | -119.4 | -115.0 | -27.1  | 0.0 |     |
|     |              |            | pp         | I            | 0.0 | 0.0 | 88.6   | -2.2   | 1374.7 | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 95.0   | -2.2   | 1351.7 | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 101.4  | -2.2   | 1327.2 | 0.0 |     |
|     |              |            | perm       | I            | 0.0 | 0.0 | 25.4   | -7.9   | 385.7  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 26.9   | -7.9   | 379.1  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 28.4   | -7.9   | 372.2  | 0.0 |     |
|     |              |            | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |     |     |        |        |        |     |     |
| 218 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 186.5  | 150.5  | 999.7  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 186.5  | 150.5  | 973.7  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 186.5  | 150.5  | 967.2  | 0.0 |     |
|     |              |            | Min        | I            | 0.0 | 0.0 | -115.4 | -118.9 | -27.1  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | -115.4 | -118.9 | -27.8  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | -115.4 | -118.9 | -28.5  | 0.0 |     |
|     |              |            | pp         | I            | 0.0 | 0.0 | 101.3  | -2.4   | 1327.2 | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 107.7  | -2.4   | 1301.0 | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 114.1  | -2.4   | 1273.3 | 0.0 |     |
|     |              |            | perm       | I            | 0.0 | 0.0 | 29.0   | -8.9   | 372.2  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 30.5   | -8.9   | 364.7  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 32.0   | -8.9   | 356.9  | 0.0 |     |
|     |              |            | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |     |     |        |        |        |     |     |
| 219 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 191.5  | 158.8  | 967.5  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 191.5  | 158.8  | 938.6  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 191.5  | 158.8  | 930.7  | 0.0 |     |
|     |              |            | Min        | I            | 0.0 | 0.0 | -111.4 | -122.5 | -28.5  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | -111.4 | -122.5 | -29.2  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | -111.4 | -122.5 | -29.9  | 0.0 |     |
|     |              |            | pp         | I            | 0.0 | 0.0 | 114.0  | -2.7   | 1273.3 | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 120.4  | -2.7   | 1244.0 | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 126.7  | -2.7   | 1213.2 | 0.0 |     |
|     |              |            | perm       | I            | 0.0 | 0.0 | 32.5   | -9.8   | 356.9  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 34.0   | -9.8   | 348.6  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 35.5   | -9.8   | 339.9  | 0.0 |     |
|     |              |            | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap |     |     |        |        |        |     |     |
| 220 | 1            | 1 c mobili | Max        | I            | 0.0 | 0.0 | 196.7  | 167.1  | 930.9  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 196.7  | 167.1  | 899.1  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 196.7  | 167.1  | 889.6  | 0.0 |     |
|     |              |            | Min        | I            | 0.0 | 0.0 | -107.1 | -126.0 | -29.9  | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | -107.1 | -126.0 | -30.7  | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | -107.1 | -126.0 | -31.5  | 0.0 |     |
|     |              |            | pp         | I            | 0.0 | 0.0 | 126.7  | -2.9   | 1213.2 | 0.0 |     |
|     |              |            |            | CNT          | 0.0 | 0.0 | 133.0  | -2.9   | 1180.7 | 0.0 |     |
|     |              |            |            | J            | 0.0 | 0.0 | 139.4  | -2.9   | 1146.7 | 0.0 |     |

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|     |   |              |              |              |     |     |        |        |        |     |
|-----|---|--------------|--------------|--------------|-----|-----|--------|--------|--------|-----|
|     |   |              | perm         | I            | 0.0 | 0.0 | 36.0   | -10.7  | 339.8  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 37.5   | -10.7  | 330.7  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 39.0   | -10.7  | 321.1  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |
| 221 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 202.1  | 175.4  | 889.9  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 202.1  | 175.4  | 854.9  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 202.1  | 175.4  | 843.9  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -102.5 | -129.3 | -31.5  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -102.5 | -129.3 | -32.4  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | -102.5 | -129.3 | -33.2  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 139.3  | -3.2   | 1146.7 | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 145.7  | -3.2   | 1111.0 | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 152.1  | -3.2   | 1073.8 | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 39.4   | -11.5  | 321.1  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 40.9   | -11.5  | 311.0  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 42.4   | -11.5  | 300.6  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |
| 222 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 207.9  | 183.6  | 844.2  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 207.9  | 183.6  | 805.9  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 207.9  | 183.6  | 793.3  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -97.6  | -132.3 | -33.2  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -97.6  | -132.3 | -34.2  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | -97.6  | -132.3 | -35.1  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 152.0  | -3.4   | 1073.8 | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 158.4  | -3.4   | 1035.0 | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 164.8  | -3.4   | 994.6  | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 42.9   | -12.2  | 300.5  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 44.4   | -12.2  | 289.6  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 45.9   | -12.2  | 278.3  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |
| 223 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 214.0  | 191.6  | 793.6  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 214.0  | 191.6  | 751.7  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 214.0  | 191.6  | 737.3  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -92.1  | -135.1 | -35.1  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -92.1  | -135.1 | -36.1  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | -92.1  | -135.1 | -37.2  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 164.7  | -3.6   | 994.6  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 171.1  | -3.6   | 952.7  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 177.4  | -3.6   | 909.1  | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 46.2   | -12.9  | 278.3  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 47.7   | -12.9  | 266.5  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 49.2   | -12.9  | 254.4  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |
| 224 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 220.6  | 199.2  | 737.6  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 220.6  | 199.2  | 691.9  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 220.6  | 199.2  | 675.6  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -86.0  | -137.6 | -37.2  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -86.0  | -137.6 | -38.3  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | -86.0  | -137.6 | -39.4  | 0.0 |
|     |   |              | pp           | I            | 0.0 | 0.0 | 177.4  | -3.8   | 909.1  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 183.8  | -3.8   | 864.0  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 190.1  | -3.8   | 817.2  | 0.0 |
|     |   |              | perm         | I            | 0.0 | 0.0 | 49.6   | -13.6  | 254.3  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 51.1   | -13.6  | 241.7  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 52.6   | -13.6  | 228.8  | 0.0 |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |
| 225 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 227.9  | 206.4  | 676.0  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 227.9  | 206.4  | 626.0  | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 227.9  | 206.4  | 607.8  | 0.0 |
|     |   |              | Min          | I            | 0.0 | 0.0 | -79.0  | -140.0 | -39.5  | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | -79.0  | -140.0 | -40.7  | 0.0 |

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|     |   |              |            |              |     |       |        |        |       |     |
|-----|---|--------------|------------|--------------|-----|-------|--------|--------|-------|-----|
|     |   |              | J          | 0.0          | 0.0 | -79.0 | -140.0 | -42.0  | 0.0   |     |
|     |   | PP           | I          | 0.0          | 0.0 | 190.1 | -3.9   | 817.2  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 196.5 | -3.9   | 768.9  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 202.8 | -3.9   | 719.0  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 52.9  | -14.1  | 228.7  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 54.4  | -14.1  | 215.3  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 55.9  | -14.1  | 201.5  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 226 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 235.9  | 212.7  | 608.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 235.9  | 212.7  | 553.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 235.9  | 212.7  | 532.9 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -70.8  | -142.3 | -42.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -70.8  | -142.3 | -43.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -70.8  | -142.3 | -44.8 | 0.0 |
|     |   | PP           | I          | 0.0          | 0.0 | 202.8 | -4.1   | 719.0  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 209.2 | -4.1   | 667.5  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 215.5 | -4.1   | 614.5  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 56.1  | -14.6  | 201.4  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 57.6  | -14.6  | 187.2  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 59.1  | -14.6  | 172.6  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 227 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 245.0  | 217.8  | 533.3 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 245.0  | 217.8  | 473.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 245.0  | 217.8  | 450.1 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -61.1  | -144.8 | -44.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -61.1  | -144.8 | -46.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -61.1  | -144.8 | -47.9 | 0.0 |
|     |   | PP           | I          | 0.0          | 0.0 | 215.5 | -4.2   | 614.5  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 221.9 | -4.2   | 559.8  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 228.2 | -4.2   | 503.5  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 59.3  | -14.9  | 172.5  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 60.8  | -14.9  | 157.5  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 62.3  | -14.9  | 142.1  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 228 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 255.6  | 220.8  | 450.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 255.6  | 220.8  | 387.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 255.6  | 220.8  | 358.1 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -48.6  | -147.5 | -47.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -48.6  | -147.5 | -49.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -48.6  | -147.5 | -51.4 | 0.0 |
|     |   | PP           | I          | 0.0          | 0.0 | 228.2 | -4.3   | 503.6  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 234.6 | -4.3   | 445.7  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 241.0 | -4.3   | 386.3  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 62.4  | -15.1  | 142.1  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 63.9  | -15.1  | 126.3  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 65.4  | -15.1  | 110.1  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 229 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 268.3  | 220.7  | 358.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 268.3  | 220.7  | 291.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 268.3  | 220.7  | 254.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -35.5  | -150.6 | -51.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -35.5  | -150.6 | -53.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -35.5  | -150.6 | -55.2 | 0.0 |
|     |   | PP           | I          | 0.0          | 0.0 | 240.9 | -4.3   | 386.3  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 247.3 | -4.3   | 325.2  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 253.7 | -4.3   | 262.6  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 65.4  | -15.2  | 110.0  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 66.9  | -15.2  | 93.5   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 68.4  | -15.2  | 76.6   | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |

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|              |   |            |                       |     |     |     |        |        |       |     |
|--------------|---|------------|-----------------------|-----|-----|-----|--------|--------|-------|-----|
| 230          | 1 | 1 c mobili | Max                   | I   | 0.0 | 0.0 | 284.7  | 215.8  | 255.0 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 284.7  | 215.8  | 184.0 | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 284.7  | 215.8  | 136.1 | 0.0 |
|              |   |            | Min                   | I   | 0.0 | 0.0 | -26.1  | -147.2 | -55.3 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -26.1  | -147.2 | -57.4 | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -26.1  | -147.2 | -59.5 | 0.0 |
|              |   |            | PP                    | I   | 0.0 | 0.0 | 253.7  | -4.4   | 262.6 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 260.1  | -4.4   | 198.4 | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 266.4  | -4.4   | 132.6 | 0.0 |
|              |   |            | perm                  | I   | 0.0 | 0.0 | 68.3   | -15.1  | 76.5  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 69.8   | -15.1  | 59.2  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 71.3   | -15.1  | 41.6  | 0.0 |
|              |   |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
| Length = 0.5 |   | Type: Beam | Section: cap          |     |     |     |        |        |       |     |
| 231          | 1 | 1 c mobili | Max                   | I   | 0.0 | 0.0 | 308.1  | 204.3  | 136.4 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 308.1  | 204.3  | 64.7  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 308.1  | 204.3  | 37.2  | 0.0 |
|              |   |            | Min                   | I   | 0.0 | 0.0 | -10.7  | -145.4 | -59.5 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -10.7  | -145.4 | -64.1 | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -10.7  | -145.4 | -79.9 | 0.0 |
|              |   |            | PP                    | I   | 0.0 | 0.0 | 266.4  | -4.3   | 132.6 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 272.8  | -4.3   | 65.2  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 279.2  | -4.3   | -3.8  | 0.0 |
|              |   |            | perm                  | I   | 0.0 | 0.0 | 71.0   | -14.7  | 41.5  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 72.5   | -14.7  | 23.6  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 74.0   | -14.7  | 5.3   | 0.0 |
|              |   |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
| Length = 0.5 |   | Type: Beam | Section: cap          |     |     |     |        |        |       |     |
| 232          | 1 | 1 c mobili | Max                   | I   | 0.0 | 0.0 | 57.5   | 188.2  | 36.7  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 57.5   | 188.2  | 22.3  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 57.5   | 188.2  | 8.7   | 0.0 |
|              |   |            | Min                   | I   | 0.0 | 0.0 | -154.6 | -133.4 | -79.8 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -154.6 | -133.4 | -41.1 | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -154.6 | -133.4 | -11.5 | 0.0 |
|              |   |            | PP                    | I   | 0.0 | 0.0 | -13.3  | -4.1   | -3.8  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -6.9   | -4.1   | -1.2  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -0.6   | -4.1   | -0.3  | 0.0 |
|              |   |            | perm                  | I   | 0.0 | 0.0 | 6.0    | -13.9  | 5.2   | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 7.5    | -13.9  | 3.5   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 9.0    | -13.9  | 1.4   | 0.0 |
|              |   |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
| Length = 0.5 |   | Type: Beam | Section: cap          |     |     |     |        |        |       |     |
| 233          | 2 | 4 c mobili | Max                   | I   | 0.0 | 0.0 | 120.7  | 23.7   | 76.1  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 131.1  | 23.7   | 52.6  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 131.1  | 23.7   | 36.1  | 0.0 |
|              |   |            | Min                   | I   | 0.0 | 0.0 | -143.1 | -17.3  | -67.5 | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -92.5  | -17.3  | -56.0 | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -92.5  | -17.3  | -68.5 | 0.0 |
|              |   |            | PP                    | I   | 0.0 | 0.0 | -1.9   | -0.7   | -2.7  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -1.9   | -0.7   | -2.2  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -1.9   | -0.7   | -1.6  | 0.0 |
|              |   |            | perm                  | I   | 0.0 | 0.0 | -4.9   | -1.0   | 7.1   | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -4.9   | -1.0   | 8.6   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -4.9   | -1.0   | 10.1  | 0.0 |
|              |   |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
| Length = 2   |   | Type: Beam | Section: traverso cap |     |     |     |        |        |       |     |
| 234          | 2 | 3 c mobili | Max                   | I   | 0.0 | 0.0 | 15.7   | 1.4    | 4.9   | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | 26.0   | 1.4    | 0.4   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | 26.0   | 1.4    | 2.3   | 0.0 |
|              |   |            | Min                   | I   | 0.0 | 0.0 | -103.1 | -1.0   | -2.8  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -8.1   | -1.0   | -0.3  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -8.1   | -1.0   | -7.5  | 0.0 |
|              |   |            | PP                    | I   | 0.0 | 0.0 | -0.1   | -0.0   | -0.0  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -0.1   | -0.0   | 0.0   | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -0.1   | -0.0   | 0.0   | 0.0 |
|              |   |            | perm                  | I   | 0.0 | 0.0 | -0.1   | -0.1   | -0.0  | 0.0 |
|              |   |            |                       | CNT | 0.0 | 0.0 | -0.1   | -0.1   | -0.0  | 0.0 |
|              |   |            |                       | J   | 0.0 | 0.0 | -0.1   | -0.1   | 0.0   | 0.0 |
|              |   |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |

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|     |            |            |                  |     |     |        |      |      |     |
|-----|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 235 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 15.6   | 1.4  | 5.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 24.7   | 1.4  | 1.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 24.7   | 1.4  | 1.2  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -99.2  | -1.0 | -1.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -3.7   | -1.0 | -0.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -3.7   | -1.0 | -6.8 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | -0.0   | -0.0 | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.0   | -0.0 | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.0   | -0.0 | 0.0  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.0   | -0.1 | -0.1 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.0   | -0.1 | -0.1 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.0   | -0.1 | -0.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 236 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 16.9   | 1.4  | 6.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 25.2   | 1.4  | 1.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 25.2   | 1.4  | 1.5  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -98.3  | -1.0 | -1.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -1.8   | -1.0 | -1.1 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -1.8   | -1.0 | -7.0 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | -0.0   | -0.0 | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.0   | -0.0 | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.0   | -0.0 | 0.0  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.0    | -0.1 | -0.1 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | -0.1 | -0.1 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | -0.1 | -0.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 237 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 17.2   | 1.4  | 6.8  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 25.7   | 1.4  | 2.4  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 25.7   | 1.4  | 2.2  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -99.0  | -1.0 | -2.0 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -2.0   | -1.0 | -1.5 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -2.0   | -1.0 | -6.9 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.0    | -0.0 | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | -0.0 | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | -0.0 | 0.0  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.0    | -0.1 | -0.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | -0.1 | -0.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | -0.1 | -0.2 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 238 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 17.3   | 1.4  | 7.5  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 25.8   | 1.4  | 3.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 25.8   | 1.4  | 3.0  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -100.0 | -1.0 | -2.7 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -3.0   | -1.0 | -1.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -3.0   | -1.0 | -6.4 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.0    | -0.0 | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | -0.0 | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | -0.0 | 0.0  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.1    | -0.1 | -0.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.1    | -0.1 | -0.3 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.1    | -0.1 | -0.3 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 239 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 17.6   | 1.4  | 8.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 25.8   | 1.4  | 3.9  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 25.8   | 1.4  | 3.6  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -101.0 | -1.0 | -3.3 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -3.9   | -1.0 | -2.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -3.9   | -1.0 | -5.9 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |



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|     |   |            |      |            |     |     |                  |      |      |     |
|-----|---|------------|------|------------|-----|-----|------------------|------|------|-----|
|     |   |            | perm | I          | 0.0 | 0.0 | 0.1              | -0.1 | -0.3 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.1              | -0.1 | -0.3 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.1              | -0.1 | -0.4 | 0.0 |
|     |   |            | acc  | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam |     |     | Section: soletta |      |      |     |
| 240 | 2 | 3 c mobili | Max  | I          | 0.0 | 0.0 | 18.2             | 1.3  | 8.9  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 25.8             | 1.3  | 4.6  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 25.8             | 1.3  | 4.2  | 0.0 |
|     |   |            | Min  | I          | 0.0 | 0.0 | -101.7           | -1.0 | -3.8 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | -4.8             | -1.0 | -2.6 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | -4.8             | -1.0 | -5.9 | 0.0 |
|     |   |            | PP   | I          | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I          | 0.0 | 0.0 | 0.1              | -0.1 | -0.4 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.1              | -0.1 | -0.4 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.1              | -0.1 | -0.4 | 0.0 |
|     |   |            | acc  | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam |     |     | Section: soletta |      |      |     |
| 241 | 2 | 3 c mobili | Max  | I          | 0.0 | 0.0 | 18.7             | 1.3  | 9.6  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 25.8             | 1.3  | 5.2  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 25.8             | 1.3  | 4.8  | 0.0 |
|     |   |            | Min  | I          | 0.0 | 0.0 | -102.3           | -0.9 | -4.3 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | -5.5             | -0.9 | -3.0 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | -5.5             | -0.9 | -5.9 | 0.0 |
|     |   |            | PP   | I          | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I          | 0.0 | 0.0 | 0.2              | -0.1 | -0.4 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.2              | -0.1 | -0.5 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.2              | -0.1 | -0.5 | 0.0 |
|     |   |            | acc  | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam |     |     | Section: soletta |      |      |     |
| 242 | 2 | 3 c mobili | Max  | I          | 0.0 | 0.0 | 19.1             | 1.2  | 10.2 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 25.9             | 1.2  | 5.8  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 25.9             | 1.2  | 5.3  | 0.0 |
|     |   |            | Min  | I          | 0.0 | 0.0 | -102.7           | -0.9 | -4.8 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | -6.1             | -0.9 | -3.3 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | -6.1             | -0.9 | -5.9 | 0.0 |
|     |   |            | PP   | I          | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I          | 0.0 | 0.0 | 0.2              | -0.0 | -0.5 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.2              | -0.0 | -0.5 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.2              | -0.0 | -0.6 | 0.0 |
|     |   |            | acc  | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam |     |     | Section: soletta |      |      |     |
| 243 | 2 | 3 c mobili | Max  | I          | 0.0 | 0.0 | 19.5             | 1.2  | 10.8 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 25.9             | 1.2  | 6.4  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 25.9             | 1.2  | 5.8  | 0.0 |
|     |   |            | Min  | I          | 0.0 | 0.0 | -103.1           | -0.9 | -5.2 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | -6.6             | -0.9 | -3.6 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | -6.6             | -0.9 | -5.8 | 0.0 |
|     |   |            | PP   | I          | 0.0 | 0.0 | 0.1              | -0.0 | 0.2  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.1              | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I          | 0.0 | 0.0 | 0.2              | -0.0 | -0.5 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.2              | -0.0 | -0.6 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.2              | -0.0 | -0.6 | 0.0 |
|     |   |            | acc  | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam |     |     | Section: soletta |      |      |     |
| 244 | 2 | 3 c mobili | Max  | I          | 0.0 | 0.0 | 19.8             | 1.1  | 11.4 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | 26.0             | 1.1  | 6.9  | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | 26.0             | 1.1  | 6.2  | 0.0 |
|     |   |            | Min  | I          | 0.0 | 0.0 | -103.4           | -0.8 | -5.5 | 0.0 |
|     |   |            |      | CNT        | 0.0 | 0.0 | -7.0             | -0.8 | -3.9 | 0.0 |
|     |   |            |      | J          | 0.0 | 0.0 | -7.0             | -0.8 | -5.7 | 0.0 |

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|     |   |            |      |                  |     |     |        |      |      |     |
|-----|---|------------|------|------------------|-----|-----|--------|------|------|-----|
|     |   |            | pp   | I                | 0.0 | 0.0 | 0.1    | -0.0 | 0.2  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I                | 0.0 | 0.0 | 0.2    | -0.0 | -0.6 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.2    | -0.0 | -0.6 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.2    | -0.0 | -0.7 | 0.0 |
|     |   |            | acc  | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam       |     |     |        |      |      |     |
|     |   |            |      | Section: soletta |     |     |        |      |      |     |
| 245 | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 20.1   | 1.0  | 11.9 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 26.1   | 1.0  | 7.3  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 26.1   | 1.0  | 6.6  | 0.0 |
|     |   |            | Min  | I                | 0.0 | 0.0 | -103.7 | -0.8 | -5.8 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | -7.4   | -0.8 | -4.1 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | -7.4   | -0.8 | -5.7 | 0.0 |
|     |   |            | pp   | I                | 0.0 | 0.0 | 0.1    | -0.0 | 0.2  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I                | 0.0 | 0.0 | 0.2    | -0.0 | -0.6 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.2    | -0.0 | -0.7 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.2    | -0.0 | -0.8 | 0.0 |
|     |   |            | acc  | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam       |     |     |        |      |      |     |
|     |   |            |      | Section: soletta |     |     |        |      |      |     |
| 246 | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 20.3   | 1.0  | 12.4 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 26.2   | 1.0  | 7.7  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 26.2   | 1.0  | 6.9  | 0.0 |
|     |   |            | Min  | I                | 0.0 | 0.0 | -103.9 | -0.7 | -6.1 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | -7.7   | -0.7 | -4.4 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | -7.7   | -0.7 | -5.6 | 0.0 |
|     |   |            | pp   | I                | 0.0 | 0.0 | 0.1    | -0.0 | 0.2  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I                | 0.0 | 0.0 | 0.3    | -0.0 | -0.7 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.3    | -0.0 | -0.7 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.3    | -0.0 | -0.8 | 0.0 |
|     |   |            | acc  | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam       |     |     |        |      |      |     |
|     |   |            |      | Section: soletta |     |     |        |      |      |     |
| 247 | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 20.5   | 0.9  | 12.8 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 26.2   | 0.9  | 8.1  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 26.2   | 0.9  | 7.1  | 0.0 |
|     |   |            | Min  | I                | 0.0 | 0.0 | -104.1 | -0.7 | -6.3 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | -8.0   | -0.7 | -4.6 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | -8.0   | -0.7 | -5.6 | 0.0 |
|     |   |            | pp   | I                | 0.0 | 0.0 | 0.1    | -0.0 | 0.2  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.1    | -0.0 | 0.2  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I                | 0.0 | 0.0 | 0.3    | -0.0 | -0.7 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.3    | -0.0 | -0.8 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.3    | -0.0 | -0.9 | 0.0 |
|     |   |            | acc  | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam       |     |     |        |      |      |     |
|     |   |            |      | Section: soletta |     |     |        |      |      |     |
| 248 | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 20.7   | 0.8  | 13.2 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 26.3   | 0.8  | 8.4  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 26.3   | 0.8  | 7.4  | 0.0 |
|     |   |            | Min  | I                | 0.0 | 0.0 | -104.3 | -0.7 | -6.6 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | -8.2   | -0.7 | -4.8 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | -8.2   | -0.7 | -5.6 | 0.0 |
|     |   |            | pp   | I                | 0.0 | 0.0 | 0.1    | -0.0 | 0.2  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.1    | -0.0 | 0.2  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.1    | -0.0 | 0.1  | 0.0 |
|     |   |            | perm | I                | 0.0 | 0.0 | 0.3    | -0.0 | -0.7 | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.3    | -0.0 | -0.8 | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.3    | -0.0 | -0.9 | 0.0 |
|     |   |            | acc  | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 |      | Type: Beam       |     |     |        |      |      |     |
|     |   |            |      | Section: soletta |     |     |        |      |      |     |
| 249 | 2 | 3 c mobili | Max  | I                | 0.0 | 0.0 | 20.8   | 0.8  | 13.5 | 0.0 |

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|     |   |            |            |                  |     |        |      |      |      |     |
|-----|---|------------|------------|------------------|-----|--------|------|------|------|-----|
|     |   |            |            | CNT              | 0.0 | 0.0    | 26.4 | 0.8  | 8.7  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 26.4 | 0.8  | 7.6  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -104.4 | -0.6 | -6.7 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | -8.5   | -0.6 | -4.9 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | -8.5   | -0.6 | -5.6 | 0.0  | 0.0 |
|     |   | PP         | I          | 0.0              | 0.0 | 0.1    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.1    | -0.0 | 0.1  | 0.0  | 0.0 |
|     |   | perm       | I          | 0.0              | 0.0 | 0.3    | -0.0 | -0.8 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.3    | -0.0 | -0.9 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.3    | -0.0 | -0.9 | 0.0  | 0.0 |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 250 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 20.9 | 0.7  | 13.8 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 26.4 | 0.7  | 8.9  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 26.4 | 0.7  | 7.7  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -104.5 | -0.6 | -6.9 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | -8.6   | -0.6 | -5.1 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | -8.6   | -0.6 | -5.5 | 0.0  | 0.0 |
|     |   | PP         | I          | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | -0.0 | 0.1  | 0.0  | 0.0 |
|     |   | perm       | I          | 0.0              | 0.0 | 0.3    | -0.0 | -0.8 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.3    | -0.0 | -0.9 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.3    | -0.0 | -1.0 | 0.0  | 0.0 |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 251 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 21.0 | 0.6  | 14.0 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 26.5 | 0.6  | 9.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 26.5 | 0.6  | 7.8  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -104.6 | -0.6 | -7.1 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | -8.8   | -0.6 | -5.2 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | -8.8   | -0.6 | -5.5 | 0.0  | 0.0 |
|     |   | PP         | I          | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | -0.0 | 0.1  | 0.0  | 0.0 |
|     |   | perm       | I          | 0.0              | 0.0 | 0.3    | -0.0 | -0.8 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.3    | -0.0 | -0.9 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.3    | -0.0 | -1.0 | 0.0  | 0.0 |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 252 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 21.1 | 0.6  | 14.2 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 26.5 | 0.6  | 9.3  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 26.5 | 0.6  | 7.9  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -104.7 | -0.5 | -7.2 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | -8.9   | -0.5 | -5.3 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | -8.9   | -0.5 | -5.5 | 0.0  | 0.0 |
|     |   | PP         | I          | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | -0.0 | 0.1  | 0.0  | 0.0 |
|     |   | perm       | I          | 0.0              | 0.0 | 0.3    | -0.0 | -0.8 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.3    | -0.0 | -0.9 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.3    | -0.0 | -1.0 | 0.0  | 0.0 |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 253 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 21.1 | 0.5  | 14.3 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 26.5 | 0.5  | 9.4  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 26.5 | 0.5  | 8.0  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -104.7 | -0.5 | -7.3 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | -9.0   | -0.5 | -5.4 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | -9.0   | -0.5 | -5.5 | 0.0  | 0.0 |
|     |   | PP         | I          | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | -0.0 | 0.2  | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | -0.0 | 0.1  | 0.0  | 0.0 |
|     |   | perm       | I          | 0.0              | 0.0 | 0.3    | -0.0 | -0.8 | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.3    | -0.0 | -0.9 | 0.0  | 0.0 |
|     |   |            | J          | 0.0              | 0.0 | 0.3    | -0.0 | -1.0 | 0.0  | 0.0 |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  | 0.0 |

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|     |            |            |                  |     |     |        |      |      |     |
|-----|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 254 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.2   | 0.5  | 14.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.5   | 0.5  | 9.4  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.5   | 0.5  | 8.0  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.8 | -0.5 | -7.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.0   | -0.5 | -5.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.0   | -0.5 | -5.5 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.2    | -0.0 | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | -0.0 | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | -0.0 | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | -0.0 | -0.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | -0.0 | -1.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | -0.0 | -1.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 255 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.2   | 0.4  | 14.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.6   | 0.4  | 9.5  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.6   | 0.4  | 8.0  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.8 | -0.5 | -7.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.1   | -0.5 | -5.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.1   | -0.5 | -5.5 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.2    | -0.0 | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | -0.0 | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | -0.0 | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | -0.0 | -0.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | -0.0 | -1.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | -0.0 | -1.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 256 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.2   | 0.4  | 14.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.6   | 0.4  | 9.5  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.6   | 0.4  | 7.9  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.8 | -0.4 | -7.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.1   | -0.4 | -5.5 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.1   | -0.4 | -5.5 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -1.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -1.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 257 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.2   | 0.5  | 14.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.6   | 0.5  | 9.5  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.6   | 0.5  | 8.0  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.8 | -0.4 | -7.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.1   | -0.4 | -5.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.1   | -0.4 | -5.5 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -1.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -1.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 258 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.2   | 0.5  | 14.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.5   | 0.5  | 9.4  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.5   | 0.5  | 8.0  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.8 | -0.5 | -7.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.0   | -0.5 | -5.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.0   | -0.5 | -5.5 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |

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|     |            |            |                  |     |     |        |      |      |     |
|-----|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -1.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -1.1 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 259 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.1   | 0.5  | 14.3 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.5   | 0.5  | 9.4  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.5   | 0.5  | 8.0  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.7 | -0.5 | -7.3 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.0   | -0.5 | -5.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.0   | -0.5 | -5.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -1.0 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 260 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.1   | 0.5  | 14.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.5   | 0.5  | 9.3  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.5   | 0.5  | 7.9  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.7 | -0.6 | -7.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -8.9   | -0.6 | -5.3 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -8.9   | -0.6 | -5.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -1.0 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 261 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.0   | 0.6  | 14.0 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.5   | 0.6  | 9.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.5   | 0.6  | 7.8  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.6 | -0.6 | -7.1 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -8.8   | -0.6 | -5.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -8.8   | -0.6 | -5.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -1.0 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 262 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 20.9   | 0.6  | 13.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.4   | 0.6  | 8.9  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.4   | 0.6  | 7.7  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.5 | -0.7 | -6.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -8.6   | -0.7 | -5.1 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -8.6   | -0.7 | -5.5 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -1.0 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 263 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 20.8   | 0.6  | 13.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 26.4   | 0.6  | 8.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 26.4   | 0.6  | 7.6  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -104.4 | -0.8 | -6.7 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -8.5   | -0.8 | -4.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -8.5   | -0.8 | -5.6 | 0.0 |

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|     |   |            |            |                  |     |     |        |      |      |     |
|-----|---|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 264 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 20.7   | 0.7  | 13.2 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 26.3   | 0.7  | 8.4  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 26.3   | 0.7  | 7.4  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -104.3 | -0.8 | -6.6 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -8.2   | -0.8 | -4.8 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -8.2   | -0.8 | -5.6 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.7 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 265 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 20.5   | 0.7  | 12.8 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 26.2   | 0.7  | 8.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 26.2   | 0.7  | 7.1  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -104.1 | -0.9 | -6.3 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -8.0   | -0.9 | -4.6 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -8.0   | -0.9 | -5.6 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.7 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -0.9 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 266 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 20.3   | 0.7  | 12.4 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 26.2   | 0.7  | 7.7  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 26.2   | 0.7  | 6.9  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -103.9 | -1.0 | -6.1 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -7.7   | -1.0 | -4.4 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -7.7   | -1.0 | -5.6 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | 0.3    | 0.0  | -0.7 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | -0.7 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | -0.8 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 267 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 20.1   | 0.8  | 11.9 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 26.1   | 0.8  | 7.3  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 26.1   | 0.8  | 6.6  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -103.7 | -1.0 | -5.8 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -7.4   | -1.0 | -4.1 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -7.4   | -1.0 | -5.7 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.1    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | 0.2    | 0.0  | -0.6 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | -0.7 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | -0.8 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 268 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 19.8   | 0.8  | 11.4 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 26.0   | 0.8  | 6.9  | 0.0 |

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|     |   |            |            |                  |     |        |      |      |      |     |
|-----|---|------------|------------|------------------|-----|--------|------|------|------|-----|
|     |   |            | J          | 0.0              | 0.0 | 26.0   | 0.8  | 6.2  | 0.0  |     |
|     |   | Min        | I          | 0.0              | 0.0 | -103.4 | -1.1 | -5.5 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | -7.0   | -1.1 | -3.9 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | -7.0   | -1.1 | -5.7 | 0.0  |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1    | 0.0  | 0.2  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.2    | 0.0  | -0.6 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | 0.0  | -0.6 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | 0.0  | -0.7 | 0.0  |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 269 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 19.5 | 0.9  | 10.8 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 25.9 | 0.9  | 6.4  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 25.9 | 0.9  | 5.8  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -103.1 | -1.2 | -5.2 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | -6.6   | -1.2 | -3.6 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | -6.6   | -1.2 | -5.8 | 0.0  |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1    | 0.0  | 0.2  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.2    | 0.0  | -0.5 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | 0.0  | -0.6 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | 0.0  | -0.6 | 0.0  |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 270 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 19.1 | 0.9  | 10.2 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 25.9 | 0.9  | 5.8  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 25.9 | 0.9  | 5.3  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -102.7 | -1.2 | -4.8 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | -6.1   | -1.2 | -3.3 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | -6.1   | -1.2 | -5.9 | 0.0  |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.2    | 0.0  | -0.5 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | 0.0  | -0.5 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | 0.0  | -0.6 | 0.0  |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 271 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 18.7 | 0.9  | 9.6  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 25.8 | 0.9  | 5.2  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 25.8 | 0.9  | 4.8  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -102.3 | -1.3 | -4.3 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | -5.5   | -1.3 | -3.0 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | -5.5   | -1.3 | -5.9 | 0.0  |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.2    | 0.1  | -0.4 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.2    | 0.1  | -0.5 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.2    | 0.1  | -0.5 | 0.0  |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |      |     |
| 272 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0    | 18.2 | 1.0  | 8.9  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0    | 25.8 | 1.0  | 4.6  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0    | 25.8 | 1.0  | 4.2  | 0.0 |
|     |   | Min        | I          | 0.0              | 0.0 | -101.7 | -1.3 | -3.8 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | -4.8   | -1.3 | -2.6 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | -4.8   | -1.3 | -5.9 | 0.0  |     |
|     |   | pp         | I          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1    | 0.0  | 0.1  | 0.0  |     |
|     |   | perm       | I          | 0.0              | 0.0 | 0.1    | 0.1  | -0.4 | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.1    | 0.1  | -0.4 | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.1    | 0.1  | -0.4 | 0.0  |     |
|     |   | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |
|     |   |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0  |     |

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| Length = 2 |   | Type: Beam | Section: soletta |     |     |     |        |      |      |     |
|------------|---|------------|------------------|-----|-----|-----|--------|------|------|-----|
| 273        | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 17.6   | 1.0  | 8.2  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 25.8   | 1.0  | 3.9  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 25.8   | 1.0  | 3.6  | 0.0 |
|            |   |            | Min              | I   | 0.0 | 0.0 | -101.0 | -1.4 | -3.3 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -3.9   | -1.4 | -2.2 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | -3.9   | -1.4 | -5.9 | 0.0 |
|            |   |            | PP               | I   | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.1    | 0.0  | 0.1  | 0.0 |
|            |   |            | perm             | I   | 0.0 | 0.0 | 0.1    | 0.1  | -0.3 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.1    | 0.1  | -0.3 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.1    | 0.1  | -0.4 | 0.0 |
|            |   |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |

| Length = 2 |   | Type: Beam | Section: soletta |     |     |     |        |      |      |     |
|------------|---|------------|------------------|-----|-----|-----|--------|------|------|-----|
| 274        | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 17.3   | 1.0  | 7.5  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 25.8   | 1.0  | 3.2  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 25.8   | 1.0  | 3.0  | 0.0 |
|            |   |            | Min              | I   | 0.0 | 0.0 | -100.0 | -1.4 | -2.7 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -3.0   | -1.4 | -1.9 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | -3.0   | -1.4 | -6.4 | 0.0 |
|            |   |            | PP               | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.1  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.1  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|            |   |            | perm             | I   | 0.0 | 0.0 | 0.1    | 0.1  | -0.2 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.1    | 0.1  | -0.3 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.1    | 0.1  | -0.3 | 0.0 |
|            |   |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |

| Length = 2 |   | Type: Beam | Section: soletta |     |     |     |       |      |      |     |
|------------|---|------------|------------------|-----|-----|-----|-------|------|------|-----|
| 275        | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 17.2  | 1.0  | 6.8  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 25.7  | 1.0  | 2.4  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 25.7  | 1.0  | 2.2  | 0.0 |
|            |   |            | Min              | I   | 0.0 | 0.0 | -99.0 | -1.4 | -2.0 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -2.0  | -1.4 | -1.5 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | -2.0  | -1.4 | -6.9 | 0.0 |
|            |   |            | PP               | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.1  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            | perm             | I   | 0.0 | 0.0 | 0.0   | 0.1  | -0.2 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0   | 0.1  | -0.2 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0   | 0.1  | -0.2 | 0.0 |
|            |   |            | acc              | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |

| Length = 2 |   | Type: Beam | Section: soletta |     |     |     |       |      |      |     |
|------------|---|------------|------------------|-----|-----|-----|-------|------|------|-----|
| 276        | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 16.9  | 1.0  | 6.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 25.2  | 1.0  | 1.7  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 25.2  | 1.0  | 1.5  | 0.0 |
|            |   |            | Min              | I   | 0.0 | 0.0 | -98.3 | -1.4 | -1.2 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -1.8  | -1.4 | -1.1 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | -1.8  | -1.4 | -7.0 | 0.0 |
|            |   |            | PP               | I   | 0.0 | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            | perm             | I   | 0.0 | 0.0 | 0.0   | 0.1  | -0.1 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0   | 0.1  | -0.1 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0   | 0.1  | -0.1 | 0.0 |
|            |   |            | acc              | I   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |

| Length = 2 |   | Type: Beam | Section: soletta |     |     |     |       |      |      |     |
|------------|---|------------|------------------|-----|-----|-----|-------|------|------|-----|
| 277        | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 15.6  | 1.0  | 5.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | 24.7  | 1.0  | 1.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | 24.7  | 1.0  | 1.2  | 0.0 |
|            |   |            | Min              | I   | 0.0 | 0.0 | -99.2 | -1.4 | -1.2 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -3.7  | -1.4 | -0.7 | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | -3.7  | -1.4 | -6.8 | 0.0 |
|            |   |            | PP               | I   | 0.0 | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            |                  | J   | 0.0 | 0.0 | -0.0  | 0.0  | 0.0  | 0.0 |
|            |   |            | perm             | I   | 0.0 | 0.0 | -0.0  | 0.1  | -0.1 | 0.0 |
|            |   |            |                  | CNT | 0.0 | 0.0 | -0.0  | 0.1  | -0.1 | 0.0 |



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|     |              |            |                       |     |     |        |        |       |       |     |
|-----|--------------|------------|-----------------------|-----|-----|--------|--------|-------|-------|-----|
|     |              |            | J                     | 0.0 | 0.0 | -0.0   | 0.1    | -0.1  | 0.0   |     |
|     |              | acc        | I                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |              |            | CNT                   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |              |            | J                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     | Length = 2   | Type: Beam | Section: soletta      |     |     |        |        |       |       |     |
| 278 | 2            | 3 c mobili | Max                   | I   | 0.0 | 0.0    | 15.7   | 1.0   | 4.9   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0    | 26.0   | 1.0   | 0.4   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0    | 26.0   | 1.0   | 2.3   | 0.0 |
|     |              | Min        | I                     | 0.0 | 0.0 | -103.1 | -1.4   | -2.8  | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -8.1   | -1.4   | -0.3  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -8.1   | -1.4   | -7.5  | 0.0   | 0.0 |
|     |              | pp         | I                     | 0.0 | 0.0 | -0.1   | 0.0    | -0.0  | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -0.1   | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -0.1   | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              | perm       | I                     | 0.0 | 0.0 | -0.1   | 0.1    | -0.0  | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -0.1   | 0.1    | -0.0  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -0.1   | 0.1    | 0.0   | 0.0   | 0.0 |
|     |              | acc        | I                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 2   | Type: Beam | Section: soletta      |     |     |        |        |       |       |     |
| 279 | 2            | 4 c mobili | Max                   | I   | 0.0 | 0.0    | 120.7  | 17.3  | 76.1  | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 131.1  | 17.3   | 52.6  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 131.1  | 17.3   | 36.1  | 0.0   | 0.0 |
|     |              | Min        | I                     | 0.0 | 0.0 | -143.1 | -23.7  | -67.5 | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -92.5  | -23.7  | -56.0 | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -92.5  | -23.7  | -68.5 | 0.0   | 0.0 |
|     |              | pp         | I                     | 0.0 | 0.0 | -1.9   | 0.7    | -2.7  | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -1.9   | 0.7    | -2.2  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -1.9   | 0.7    | -1.6  | 0.0   | 0.0 |
|     |              | perm       | I                     | 0.0 | 0.0 | -4.9   | 1.0    | 7.1   | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -4.9   | 1.0    | 8.6   | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -4.9   | 1.0    | 10.1  | 0.0   | 0.0 |
|     |              | acc        | I                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 2   | Type: Beam | Section: traverso cap |     |     |        |        |       |       |     |
| 280 | 1            | 1 c mobili | Max                   | I   | 0.0 | 0.0    | 172.0  | 151.0 | 9.4   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 172.0  | 151.0  | 23.7  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 172.0  | 151.0  | 38.4  | 0.0   | 0.0 |
|     |              | Min        | I                     | 0.0 | 0.0 | -58.8  | -218.0 | -14.2 | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -58.8  | -218.0 | -46.7 | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -58.8  | -218.0 | -89.7 | 0.0   | 0.0 |
|     |              | pp         | I                     | 0.0 | 0.0 | 0.3    | 7.3    | -0.5  | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 6.7    | 7.3    | -1.4  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 13.0   | 7.3    | -3.8  | 0.0   | 0.0 |
|     |              | perm       | I                     | 0.0 | 0.0 | -8.6   | 1.2    | 1.6   | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -7.1   | 1.2    | 3.6   | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -5.6   | 1.2    | 5.2   | 0.0   | 0.0 |
|     |              | acc        | I                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 0.5 | Type: Beam | Section: cap          |     |     |        |        |       |       |     |
| 281 | 1            | 1 c mobili | Max                   | I   | 0.0 | 0.0    | 5.0    | 164.9 | 39.0  | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 5.0    | 164.9  | 61.3  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 5.0    | 164.9  | 120.4 | 0.0   | 0.0 |
|     |              | Min        | I                     | 0.0 | 0.0 | -304.5 | -227.0 | -89.9 | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -304.5 | -227.0 | -67.0 | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -304.5 | -227.0 | -59.5 | 0.0   | 0.0 |
|     |              | pp         | I                     | 0.0 | 0.0 | -278.1 | 7.4    | -3.8  | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -271.7 | 7.4    | 64.9  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -265.3 | 7.4    | 132.0 | 0.0   | 0.0 |
|     |              | perm       | I                     | 0.0 | 0.0 | -73.1  | 1.3    | 5.3   | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -71.6  | 1.3    | 23.4  | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -70.1  | 1.3    | 41.1  | 0.0   | 0.0 |
|     |              | acc        | I                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 0.5 | Type: Beam | Section: cap          |     |     |        |        |       |       |     |
| 282 | 1            | 1 c mobili | Max                   | I   | 0.0 | 0.0    | 7.6    | 174.6 | 120.1 | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | 7.6    | 174.6  | 172.8 | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | 7.6    | 174.6  | 242.1 | 0.0   | 0.0 |
|     |              | Min        | I                     | 0.0 | 0.0 | -277.9 | -232.4 | -59.6 | 0.0   | 0.0 |
|     |              |            | CNT                   | 0.0 | 0.0 | -277.9 | -232.4 | -56.1 | 0.0   | 0.0 |
|     |              |            | J                     | 0.0 | 0.0 | -277.9 | -232.4 | -53.9 | 0.0   | 0.0 |
|     |              | pp         | I                     | 0.0 | 0.0 | -265.4 | 7.5    | 132.0 | 0.0   | 0.0 |

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|     |   |              |            |              |     |        |        |        |       |     |
|-----|---|--------------|------------|--------------|-----|--------|--------|--------|-------|-----|
|     |   |              | CNT        | 0.0          | 0.0 | -259.0 | 7.5    | 197.5  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -252.7 | 7.5    | 261.5  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | -70.2  | 1.3    | 41.2   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | -68.7  | 1.3    | 58.6   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -67.2  | 1.3    | 75.6   | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 283 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 17.8   | 179.6  | 241.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 17.8   | 179.6  | 284.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 17.8   | 179.6  | 348.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -257.6 | -234.1 | -53.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -257.6 | -234.1 | -52.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -257.6 | -234.1 | -50.1 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0    | -252.7 | 7.4    | 261.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -246.4 | 7.4    | 323.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -240.0 | 7.4    | 384.7 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -67.2  | 1.3    | 75.7   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | -65.7  | 1.3    | 92.3   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -64.2  | 1.3    | 108.5  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 284 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 29.9   | 181.1  | 348.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 29.9   | 181.1  | 383.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 29.9   | 181.1  | 442.2 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -241.8 | -232.9 | -50.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -241.8 | -232.9 | -48.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -241.8 | -232.9 | -46.8 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0    | -240.1 | 7.2    | 384.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -233.7 | 7.2    | 443.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -227.3 | 7.2    | 501.5 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -64.1  | 1.2    | 108.6  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | -62.6  | 1.2    | 124.5  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -61.1  | 1.2    | 140.0  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 285 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 42.9   | 179.3  | 441.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 42.9   | 179.3  | 472.8 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 42.9   | 179.3  | 525.1 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -229.2 | -229.5 | -46.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -229.2 | -229.5 | -45.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -229.2 | -229.5 | -43.9 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0    | -227.4 | 7.0    | 501.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -221.1 | 7.0    | 557.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -214.7 | 7.0    | 612.0 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -61.0  | 1.2    | 140.1  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | -59.5  | 1.2    | 155.1  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -58.0  | 1.2    | 169.8  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 286 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 52.8   | 175.8  | 524.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 52.8   | 175.8  | 552.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 52.8   | 175.8  | 599.5 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -218.8 | -224.6 | -43.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -218.8 | -224.6 | -42.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -218.8 | -224.6 | -41.3 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0    | -214.8 | 6.7    | 612.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -208.4 | 6.7    | 664.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -202.1 | 6.7    | 716.2 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -57.9  | 1.2    | 169.9  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | -56.4  | 1.2    | 184.2  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -54.9  | 1.2    | 198.1  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |       |     |
| 287 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 60.4   | 171.3  | 599.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 60.4   | 171.3  | 623.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 60.4   | 171.3  | 666.4 | 0.0 |

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|     |   |              |            |              |     |     |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-----|--------|--------|--------|-----|
|     |   |              | Min        | I            | 0.0 | 0.0 | -210.1 | -218.3 | -41.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -210.1 | -218.3 | -40.1  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -210.1 | -218.3 | -38.9  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -202.2 | 6.4    | 716.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -195.8 | 6.4    | 765.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -189.4 | 6.4    | 814.1  | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -54.7  | 1.1    | 198.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -53.2  | 1.1    | 211.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -51.7  | 1.1    | 224.8  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 288 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 67.5   | 165.9  | 666.0  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 67.5   | 165.9  | 688.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 67.5   | 165.9  | 726.6  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -202.5 | -211.0 | -38.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -202.5 | -211.0 | -37.8  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -202.5 | -211.0 | -36.7  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -189.6 | 6.1    | 814.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -183.2 | 6.1    | 860.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -176.8 | 6.1    | 905.7  | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -51.5  | 1.1    | 224.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -50.0  | 1.1    | 237.6  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -48.5  | 1.1    | 249.9  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 289 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 73.9   | 159.9  | 726.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 73.9   | 159.9  | 746.5  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 73.9   | 159.9  | 781.0  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -195.7 | -202.9 | -36.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -195.7 | -202.9 | -35.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -195.7 | -202.9 | -34.7  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -176.9 | 5.8    | 905.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -170.6 | 5.8    | 949.1  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -164.2 | 5.8    | 990.9  | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -48.2  | 1.0    | 249.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -46.7  | 1.0    | 261.8  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -45.2  | 1.0    | 273.3  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 290 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 80.0   | 153.4  | 780.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 80.0   | 153.4  | 798.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 80.0   | 153.4  | 830.4  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -189.6 | -194.1 | -34.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -189.6 | -194.1 | -33.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -189.6 | -194.1 | -32.8  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -164.3 | 5.4    | 990.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -157.9 | 5.4    | 1031.2 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -151.6 | 5.4    | 1069.9 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -44.9  | 0.9    | 273.4  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -43.4  | 0.9    | 284.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -41.9  | 0.9    | 295.1  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 291 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 85.7   | 146.5  | 830.0  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 85.7   | 146.5  | 846.0  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 85.7   | 146.5  | 874.8  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -183.9 | -184.7 | -32.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -183.9 | -184.7 | -31.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -183.9 | -184.7 | -31.1  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -151.7 | 5.0    | 1069.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -145.3 | 5.0    | 1107.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -138.9 | 5.0    | 1142.5 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -41.6  | 0.9    | 295.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -40.1  | 0.9    | 305.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -38.6  | 0.9    | 315.2  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |

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| Length = 0.5 |   | Type: Beam | Section: cap |     |     |        |        |        |        |     |
|--------------|---|------------|--------------|-----|-----|--------|--------|--------|--------|-----|
| 292          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0    | 90.8   | 139.4  | 874.4  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 90.8   | 139.4  | 888.3  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 90.8   | 139.4  | 914.5  | 0.0    |     |
|              |   |            | Min          | I   | 0.0 | 0.0    | -178.6 | -175.0 | -31.1  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -178.6 | -175.0 | -30.3  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -178.6 | -175.0 | -29.5  | 0.0    |     |
|              |   |            | pp           | I   | 0.0 | 0.0    | -139.0 | 4.6    | 1142.5 | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -132.7 | 4.6    | 1176.5 | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -126.3 | 4.6    | 1208.9 | 0.0    |     |
|              |   |            | perm         | I   | 0.0 | 0.0    | -38.2  | 0.8    | 315.3  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -36.7  | 0.8    | 324.6  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -35.2  | 0.8    | 333.6  | 0.0    |     |
|              |   |            | acc          | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5 |   | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 293          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0    | 95.6   | 132.3  | 914.1  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 95.6   | 132.3  | 926.2  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 95.6   | 132.3  | 949.7  | 0.0    |     |
|              |   |            | Min          | I   | 0.0 | 0.0    | -173.7 | -164.9 | -29.5  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -173.7 | -164.9 | -28.7  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -173.7 | -164.9 | -28.0  | 0.0    |     |
|              |   |            | pp           | I   | 0.0 | 0.0    | -126.4 | 4.2    | 1208.8 | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -120.0 | 4.2    | 1239.7 | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -113.7 | 4.2    | 1268.9 | 0.0    |     |
|              |   |            | perm         | I   | 0.0 | 0.0    | -34.8  | 0.7    | 333.7  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -33.3  | 0.7    | 342.2  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -31.8  | 0.7    | 350.3  | 0.0    |     |
|              |   |            | acc          | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5 |   | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 294          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0    | 100.1  | 125.7  | 949.4  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 100.1  | 125.7  | 959.7  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 100.1  | 125.7  | 980.8  | 0.0    |     |
|              |   |            | Min          | I   | 0.0 | 0.0    | -168.9 | -154.7 | -27.9  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -168.9 | -154.7 | -27.2  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -168.9 | -154.7 | -26.5  | 0.0    |     |
|              |   |            | pp           | I   | 0.0 | 0.0    | -113.8 | 3.8    | 1268.9 | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -107.4 | 3.8    | 1296.5 | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -101.0 | 3.8    | 1322.6 | 0.0    |     |
|              |   |            | perm         | I   | 0.0 | 0.0    | -31.4  | 0.6    | 350.4  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -29.9  | 0.6    | 358.0  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -28.4  | 0.6    | 365.3  | 0.0    |     |
|              |   |            | acc          | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5 |   | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 295          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0    | 104.4  | 119.3  | 980.5  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 104.4  | 119.3  | 989.3  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 104.4  | 119.3  | 1007.8 | 0.0    |     |
|              |   |            | Min          | I   | 0.0 | 0.0    | -164.3 | -144.4 | -26.5  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -164.3 | -144.4 | -25.9  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -164.3 | -144.4 | -25.2  | 0.0    |     |
|              |   |            | pp           | I   | 0.0 | 0.0    | -101.1 | 3.4    | 1322.5 | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -94.8  | 3.4    | 1347.0 | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -88.4  | 3.4    | 1369.9 | 0.0    |     |
|              |   |            | perm         | I   | 0.0 | 0.0    | -27.9  | 0.6    | 365.4  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -26.4  | 0.6    | 372.2  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -24.9  | 0.6    | 378.6  | 0.0    |     |
|              |   |            | acc          | I   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
| Length = 0.5 |   | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 296          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0    | 108.5  | 113.0  | 1007.5 | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | 108.5  | 113.0  | 1014.9 | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | 108.5  | 113.0  | 1030.9 | 0.0    |     |
|              |   |            | Min          | I   | 0.0 | 0.0    | -159.9 | -134.1 | -25.2  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -159.9 | -134.1 | -24.6  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -159.9 | -134.1 | -23.9  | 0.0    |     |
|              |   |            | pp           | I   | 0.0 | 0.0    | -88.5  | 3.0    | 1369.9 | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -82.1  | 3.0    | 1391.2 | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -75.8  | 3.0    | 1411.0 | 0.0    |     |
|              |   |            | perm         | I   | 0.0 | 0.0    | -24.4  | 0.5    | 378.6  | 0.0 |
|              |   |            | CNT          | 0.0 | 0.0 | -22.9  | 0.5    | 384.5  | 0.0    |     |
|              |   |            | J            | 0.0 | 0.0 | -21.4  | 0.5    | 390.1  | 0.0    |     |

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|     |   |              |            |              |     |     |        |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-----|--------|--------|--------|--------|-----|
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 297 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 112.5  | 106.8  | 1030.6 | 0.0 |
|     |   |              |            |              | CNT | 0.0 | 0.0    | 112.5  | 106.8  | 1036.6 | 0.0 |
|     |   |              |            |              | J   | 0.0 | 0.0    | 112.5  | 106.8  | 1050.1 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -155.6 | -123.7 | -23.9  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -155.6 | -123.7 | -23.3  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -155.6 | -123.7 | -22.7  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -75.9  | 2.5    | 1411.0 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -69.5  | 2.5    | 1429.1 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -63.1  | 2.5    | 1445.7 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -20.9  | 0.4    | 390.1  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -19.4  | 0.4    | 395.2  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -17.9  | 0.4    | 399.9  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 298 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 116.4  | 100.7  | 1049.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 116.4  | 100.7  | 1054.4 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 116.4  | 100.7  | 1065.6 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -151.4 | -113.3 | -22.7  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -151.4 | -113.3 | -22.2  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -151.4 | -113.3 | -21.6  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -63.2  | 2.1    | 1445.7 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -56.9  | 2.1    | 1460.7 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -50.5  | 2.1    | 1474.1 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -17.4  | 0.3    | 399.9  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -15.9  | 0.3    | 404.1  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -14.4  | 0.3    | 407.9  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 299 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 120.2  | 94.8   | 1065.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 120.2  | 94.8   | 1068.4 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 120.2  | 94.8   | 1077.6 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -147.3 | -103.0 | -21.6  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -147.3 | -103.0 | -21.0  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -147.3 | -103.0 | -20.5  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -50.6  | 1.6    | 1474.1 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -44.2  | 1.6    | 1486.0 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -37.8  | 1.6    | 1496.3 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -13.9  | 0.3    | 407.9  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -12.4  | 0.3    | 411.2  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -10.9  | 0.3    | 414.1  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 300 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 124.0  | 89.5   | 1077.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 124.0  | 89.5   | 1078.8 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 124.0  | 89.5   | 1085.9 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -143.3 | -93.0  | -20.5  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -143.3 | -93.0  | -20.0  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -143.3 | -93.0  | -19.5  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -38.0  | 1.2    | 1496.2 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -31.6  | 1.2    | 1504.9 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -25.2  | 1.2    | 1512.0 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -10.4  | 0.2    | 414.1  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -8.9   | 0.2    | 416.5  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -7.4   | 0.2    | 418.6  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 301 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 127.8  | 85.8   | 1085.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 127.8  | 85.8   | 1085.6 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 127.8  | 85.8   | 1090.5 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -139.4 | -87.6  | -19.5  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -139.4 | -87.6  | -19.0  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -139.4 | -87.6  | -18.5  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -25.3  | 0.7    | 1512.0 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -19.0  | 0.7    | 1517.6 | 0.0    | 0.0 |

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|     |   |              |            |              |     |        |       |        |        |     |
|-----|---|--------------|------------|--------------|-----|--------|-------|--------|--------|-----|
|     |   |              | J          | 0.0          | 0.0 | -12.6  | 0.7   | 1521.5 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -6.8   | 0.1   | 418.6  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -5.3   | 0.1   | 420.1  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -3.8   | 0.1   | 421.2  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |       |        |        |     |
| 302 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 131.6 | 83.3   | 1090.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 131.6 | 83.3   | 1088.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 131.6 | 83.3   | 1091.4 | 0.0 |
|     |   | Min          | I          | 0.0          | 0.0 | -135.5 | -85.3 | -18.5  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -135.5 | -85.3 | -18.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -135.5 | -85.3 | -17.5  | 0.0    |     |
|     |   | pp           | I          | 0.0          | 0.0 | -12.7  | 0.2   | 1521.5 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -6.3   | 0.2   | 1523.9 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.1    | 0.2   | 1524.7 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -3.3   | 0.0   | 421.2  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -1.8   | 0.0   | 421.9  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -0.3   | 0.0   | 422.1  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |       |        |        |     |
| 303 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 135.5 | 85.3   | 1091.4 | 0.0 |
|     |   |              | CNT        | 0.0          | 0.0 | 135.5  | 85.3  | 1088.6 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 135.5  | 85.3  | 1090.4 | 0.0    |     |
|     |   | Min          | I          | 0.0          | 0.0 | -131.6 | -83.3 | -17.5  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -131.6 | -83.3 | -18.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -131.6 | -83.3 | -18.5  | 0.0    |     |
|     |   | pp           | I          | 0.0          | 0.0 | -0.1   | -0.2  | 1524.7 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 6.3    | -0.2  | 1523.9 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 12.7   | -0.2  | 1521.5 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 0.3    | -0.0  | 422.1  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 1.8    | -0.0  | 421.9  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 3.3    | -0.0  | 421.2  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |       |        |        |     |
| 304 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 139.4 | 87.6   | 1090.5 | 0.0 |
|     |   |              | CNT        | 0.0          | 0.0 | 139.4  | 87.6  | 1085.6 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 139.4  | 87.6  | 1085.8 | 0.0    |     |
|     |   | Min          | I          | 0.0          | 0.0 | -127.8 | -85.8 | -18.5  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -127.8 | -85.8 | -19.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -127.8 | -85.8 | -19.5  | 0.0    |     |
|     |   | pp           | I          | 0.0          | 0.0 | 12.6   | -0.7  | 1521.5 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 19.0   | -0.7  | 1517.6 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 25.3   | -0.7  | 1512.0 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 3.8    | -0.1  | 421.2  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 5.3    | -0.1  | 420.1  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 6.8    | -0.1  | 418.6  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |       |        |        |     |
| 305 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 143.3 | 93.0   | 1085.9 | 0.0 |
|     |   |              | CNT        | 0.0          | 0.0 | 143.3  | 93.0  | 1078.8 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 143.3  | 93.0  | 1077.4 | 0.0    |     |
|     |   | Min          | I          | 0.0          | 0.0 | -124.0 | -89.5 | -19.5  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -124.0 | -89.5 | -20.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -124.0 | -89.5 | -20.5  | 0.0    |     |
|     |   | pp           | I          | 0.0          | 0.0 | 25.2   | -1.2  | 1512.0 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 31.6   | -1.2  | 1504.9 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 38.0   | -1.2  | 1496.2 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 7.4    | -0.2  | 418.6  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 8.9    | -0.2  | 416.5  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 10.4   | -0.2  | 414.1  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |       |        |        |     |
| 306 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 147.3 | 103.0  | 1077.6 | 0.0 |
|     |   |              | CNT        | 0.0          | 0.0 | 147.3  | 103.0 | 1068.4 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 147.3  | 103.0 | 1065.4 | 0.0    |     |
|     |   | Min          | I          | 0.0          | 0.0 | -120.2 | -94.8 | -20.5  | 0.0    |     |

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|     |   |              |            |              |     |        |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|--------|--------|--------|--------|-----|
|     |   |              | CNT        | 0.0          | 0.0 | -120.2 | -94.8  | -21.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -120.2 | -94.8  | -21.6  | 0.0    |     |
|     |   | pp           | I          | 0.0          | 0.0 | 37.8   | -1.6   | 1496.3 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 44.2   | -1.6   | 1486.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 50.6   | -1.6   | 1474.1 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 10.9   | -0.3   | 414.1  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 12.4   | -0.3   | 411.2  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 13.9   | -0.3   | 407.9  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 307 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 151.4  | 113.3  | 1065.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 151.4  | 113.3  | 1054.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 151.4  | 113.3  | 1049.9 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -116.4 | -100.7 | -21.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -116.4 | -100.7 | -22.2  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -116.4 | -100.7 | -22.7  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0    | 50.5   | -2.1   | 1474.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 56.9   | -2.1   | 1460.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 63.2   | -2.1   | 1445.7 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0    | 14.4   | -0.3   | 407.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 15.9   | -0.3   | 404.1  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 17.4   | -0.3   | 399.9  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 308 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 155.6  | 123.7  | 1050.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 155.6  | 123.7  | 1036.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 155.6  | 123.7  | 1030.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -112.5 | -106.8 | -22.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -112.5 | -106.8 | -23.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -112.5 | -106.8 | -23.9  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0    | 63.1   | -2.5   | 1445.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 69.5   | -2.5   | 1429.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 75.9   | -2.5   | 1411.0 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0    | 17.9   | -0.4   | 399.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 19.4   | -0.4   | 395.2  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 20.9   | -0.4   | 390.1  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 309 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 159.9  | 134.1  | 1030.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 159.9  | 134.1  | 1014.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 159.9  | 134.1  | 1007.5 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -108.5 | -113.0 | -23.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -108.5 | -113.0 | -24.6  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -108.5 | -113.0 | -25.2  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0    | 75.8   | -3.0   | 1411.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 82.1   | -3.0   | 1391.2 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 88.5   | -3.0   | 1369.9 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0    | 21.4   | -0.5   | 390.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 22.9   | -0.5   | 384.5  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 24.4   | -0.5   | 378.6  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |
| 310 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0    | 164.3  | 144.4  | 1007.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 164.3  | 144.4  | 989.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 164.3  | 144.4  | 980.5  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0    | -104.4 | -119.3 | -25.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | -104.4 | -119.3 | -25.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | -104.4 | -119.3 | -26.5  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0    | 88.4   | -3.4   | 1369.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 94.8   | -3.4   | 1347.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 101.1  | -3.4   | 1322.5 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0    | 24.9   | -0.6   | 378.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 26.4   | -0.6   | 372.2  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 27.9   | -0.6   | 365.4  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |        |        |        |        |     |

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|     |   |            |      |     |     |     |        |        |        |     |
|-----|---|------------|------|-----|-----|-----|--------|--------|--------|-----|
| 311 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 168.9  | 154.7  | 980.8  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 168.9  | 154.7  | 959.7  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 168.9  | 154.7  | 949.4  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -100.1 | -125.7 | -26.5  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -100.1 | -125.7 | -27.2  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -100.1 | -125.7 | -27.9  | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | 101.0  | -3.8   | 1322.6 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 107.4  | -3.8   | 1296.5 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 113.8  | -3.8   | 1268.9 | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 28.4   | -0.6   | 365.3  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 29.9   | -0.6   | 358.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 31.4   | -0.6   | 350.4  | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |     |       |        |        |     |
|-----|---|------------|------|-----|-----|-----|-------|--------|--------|-----|
| 312 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 173.7 | 164.9  | 949.7  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 173.7 | 164.9  | 926.2  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 173.7 | 164.9  | 914.1  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -95.6 | -132.3 | -28.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -95.6 | -132.3 | -28.7  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -95.6 | -132.3 | -29.5  | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | 113.7 | -4.2   | 1268.9 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 120.0 | -4.2   | 1239.7 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 126.4 | -4.2   | 1208.8 | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 31.8  | -0.7   | 350.3  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 33.3  | -0.7   | 342.2  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 34.8  | -0.7   | 333.7  | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |     |       |        |        |     |
|-----|---|------------|------|-----|-----|-----|-------|--------|--------|-----|
| 313 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 178.6 | 175.0  | 914.5  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 178.6 | 175.0  | 888.3  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 178.6 | 175.0  | 874.4  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -90.8 | -139.4 | -29.5  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -90.8 | -139.4 | -30.3  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -90.8 | -139.4 | -31.1  | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | 126.3 | -4.6   | 1208.9 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 132.7 | -4.6   | 1176.5 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 139.0 | -4.6   | 1142.5 | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 35.2  | -0.8   | 333.6  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 36.7  | -0.8   | 324.6  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 38.2  | -0.8   | 315.3  | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |     |       |        |        |     |
|-----|---|------------|------|-----|-----|-----|-------|--------|--------|-----|
| 314 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 183.9 | 184.7  | 874.8  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 183.9 | 184.7  | 846.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 183.9 | 184.7  | 830.0  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -85.7 | -146.5 | -31.1  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -85.7 | -146.5 | -31.9  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -85.7 | -146.5 | -32.8  | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | 138.9 | -5.0   | 1142.5 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 145.3 | -5.0   | 1107.0 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 151.7 | -5.0   | 1069.9 | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 38.6  | -0.9   | 315.2  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 40.1  | -0.9   | 305.4  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 41.6  | -0.9   | 295.1  | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |     |       |        |        |     |
|-----|---|------------|------|-----|-----|-----|-------|--------|--------|-----|
| 315 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 189.6 | 194.1  | 830.4  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 189.6 | 194.1  | 798.9  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 189.6 | 194.1  | 780.6  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -80.0 | -153.4 | -32.8  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -80.0 | -153.4 | -33.7  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -80.0 | -153.4 | -34.7  | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | 151.6 | -5.4   | 1069.9 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 157.9 | -5.4   | 1031.2 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 164.3 | -5.4   | 990.9  | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 41.9  | -0.9   | 295.1  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 43.4  | -0.9   | 284.4  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 44.9  | -0.9   | 273.4  | 0.0 |









Prolungamento sottopasso PK 24+497-Relazione di calcolo

|            |     |            |            |     |            |                  |        |      |      |      |     |     |     |
|------------|-----|------------|------------|-----|------------|------------------|--------|------|------|------|-----|-----|-----|
| 330        | 2   | 3 c mobili | Max        | I   | 0.0        | 0.0              | 14.3   | 1.6  | 6.3  | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | 22.3   | 1.6  | 2.7  | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | 22.3   | 1.6  | 5.8  | 0.0  |     |     |     |
|            |     |            | Min        | I   | 0.0        | 0.0              | -107.1 | -1.2 | -4.3 | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | -14.2  | -1.2 | -1.6 | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | -14.2  | -1.2 | -5.5 | 0.0  |     |     |     |
|            |     |            | PP         | I   | 0.0        | 0.0              | 0.1    | -0.1 | 0.1  | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | 0.1    | -0.1 | 0.1  | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | 0.1    | -0.1 | 0.0  | 0.0  |     |     |     |
|            |     |            | perm       | I   | 0.0        | 0.0              | -0.0   | 0.0  | -0.2 | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | -0.0   | 0.0  | -0.2 | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | -0.0   | 0.0  | -0.2 | 0.0  |     |     |     |
|            |     |            | acc        | I   | 0.0        | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            |     |            | Length = 2 |     | Type: Beam | Section: soletta |        |      |      |      |     |     |     |
|            |     |            | 331        | 2   | 3 c mobili | Max              | I      | 0.0  | 0.0  | 16.5 | 1.6 | 7.4 | 0.0 |
|            |     |            |            |     |            |                  | CNT    | 0.0  | 0.0  | 24.4 | 1.6 | 3.4 | 0.0 |
| J          | 0.0 | 0.0        |            |     |            |                  | 24.4   | 1.6  | 6.8  | 0.0  |     |     |     |
| Min        | I   | 0.0        |            |     |            | 0.0              | -107.5 | -1.2 | -4.9 | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | -16.3  | -1.2 | -2.1 | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | -16.3  | -1.2 | -6.1 | 0.0  |     |     |     |
| PP         | I   | 0.0        |            |     |            | 0.0              | 0.2    | -0.1 | 0.1  | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | 0.2    | -0.1 | 0.1  | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | 0.2    | -0.1 | 0.0  | 0.0  |     |     |     |
| perm       | I   | 0.0        |            |     |            | 0.0              | -0.0   | 0.0  | -0.3 | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | -0.0   | 0.0  | -0.3 | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | -0.0   | 0.0  | -0.3 | 0.0  |     |     |     |
| acc        | I   | 0.0        |            |     |            | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
| Length = 2 |     | Type: Beam |            |     |            | Section: soletta |        |      |      |      |     |     |     |
| 332        | 2   | 3 c mobili |            |     |            | Max              | I      | 0.0  | 0.0  | 18.0 | 1.6 | 8.3 | 0.0 |
|            |     |            |            |     |            |                  | CNT    | 0.0  | 0.0  | 25.8 | 1.6 | 4.1 | 0.0 |
|            |     |            | J          | 0.0 | 0.0        |                  | 25.8   | 1.6  | 7.6  | 0.0  |     |     |     |
|            |     |            | Min        | I   | 0.0        | 0.0              | -107.8 | -1.2 | -5.4 | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | -17.8  | -1.2 | -2.6 | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | -17.8  | -1.2 | -6.3 | 0.0  |     |     |     |
|            |     |            | PP         | I   | 0.0        | 0.0              | 0.2    | -0.1 | 0.1  | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | 0.2    | -0.1 | 0.1  | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | 0.2    | -0.1 | 0.0  | 0.0  |     |     |     |
|            |     |            | perm       | I   | 0.0        | 0.0              | -0.0   | 0.0  | -0.4 | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | -0.0   | 0.0  | -0.3 | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | -0.0   | 0.0  | -0.3 | 0.0  |     |     |     |
|            |     |            | acc        | I   | 0.0        | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            |     |            | Length = 2 |     | Type: Beam | Section: soletta |        |      |      |      |     |     |     |
|            |     |            | 333        | 2   | 3 c mobili | Max              | I      | 0.0  | 0.0  | 19.1 | 1.5 | 9.2 | 0.0 |
|            |     |            |            |     |            |                  | CNT    | 0.0  | 0.0  | 26.8 | 1.5 | 4.8 | 0.0 |
| J          | 0.0 | 0.0        |            |     |            |                  | 26.8   | 1.5  | 8.3  | 0.0  |     |     |     |
| Min        | I   | 0.0        |            |     |            | 0.0              | -108.1 | -1.1 | -5.7 | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | -18.9  | -1.1 | -3.1 | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | -18.9  | -1.1 | -6.4 | 0.0  |     |     |     |
| PP         | I   | 0.0        |            |     |            | 0.0              | 0.2    | -0.1 | 0.2  | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | 0.2    | -0.1 | 0.1  | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | 0.2    | -0.1 | 0.0  | 0.0  |     |     |     |
| perm       | I   | 0.0        |            |     |            | 0.0              | -0.1   | 0.0  | -0.4 | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | -0.1   | 0.0  | -0.4 | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | -0.1   | 0.0  | -0.4 | 0.0  |     |     |     |
| acc        | I   | 0.0        |            |     |            | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            | CNT | 0.0        |            |     |            | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            | J   | 0.0        |            |     |            | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
| Length = 2 |     | Type: Beam |            |     |            | Section: soletta |        |      |      |      |     |     |     |
| 334        | 2   | 3 c mobili |            |     |            | Max              | I      | 0.0  | 0.0  | 19.9 | 1.5 | 9.9 | 0.0 |
|            |     |            |            |     |            |                  | CNT    | 0.0  | 0.0  | 27.6 | 1.5 | 5.5 | 0.0 |
|            |     |            | J          | 0.0 | 0.0        |                  | 27.6   | 1.5  | 9.0  | 0.0  |     |     |     |
|            |     |            | Min        | I   | 0.0        | 0.0              | -108.4 | -1.1 | -6.0 | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | -19.8  | -1.1 | -3.6 | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | -19.8  | -1.1 | -6.4 | 0.0  |     |     |     |
|            |     |            | PP         | I   | 0.0        | 0.0              | 0.2    | -0.1 | 0.2  | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | 0.2    | -0.1 | 0.1  | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | 0.2    | -0.1 | 0.1  | 0.0  |     |     |     |
|            |     |            | perm       | I   | 0.0        | 0.0              | -0.1   | 0.0  | -0.5 | 0.0  |     |     |     |
|            |     |            |            | CNT | 0.0        | 0.0              | -0.1   | 0.0  | -0.5 | 0.0  |     |     |     |
|            |     |            |            | J   | 0.0        | 0.0              | -0.1   | 0.0  | -0.5 | 0.0  |     |     |     |
|            |     |            | acc        | I   | 0.0        | 0.0              | 0.0    | 0.0  | 0.0  | 0.0  |     |     |     |
|            |     |            |            |     |            |                  |        |      |      |      |     |     |     |
|            |     |            |            |     |            |                  |        |      |      |      |     |     |     |







|     |   |                |            |            |                  |     |        |      |      |     |
|-----|---|----------------|------------|------------|------------------|-----|--------|------|------|-----|
|     |   |                |            | CNT        | 0.0              | 0.0 | 30.5   | 0.4  | 10.2 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 30.5   | 0.4  | 12.9 | 0.0 |
|     |   |                | Min        | I          | 0.0              | 0.0 | -110.1 | -0.4 | -8.7 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -23.8  | -0.4 | -6.9 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -23.8  | -0.4 | -7.5 | 0.0 |
|     |   |                | PP         | I          | 0.0              | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |   |                | perm       | I          | 0.0              | 0.0 | -0.2   | 0.0  | -1.1 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -0.2   | 0.0  | -1.0 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -0.2   | 0.0  | -0.9 | 0.0 |
|     |   |                | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |     |
| 350 | 2 | 3 c mobili Max |            | I          | 0.0              | 0.0 | 22.9   | 0.4  | 14.4 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 30.5   | 0.4  | 10.2 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 30.5   | 0.4  | 12.9 | 0.0 |
|     |   |                | Min        | I          | 0.0              | 0.0 | -110.1 | -0.5 | -8.7 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -23.8  | -0.5 | -6.9 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -23.8  | -0.5 | -7.4 | 0.0 |
|     |   |                | PP         | I          | 0.0              | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |   |                | perm       | I          | 0.0              | 0.0 | -0.2   | -0.0 | -1.1 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -0.2   | -0.0 | -1.0 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |   |                | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |     |
| 351 | 2 | 3 c mobili Max |            | I          | 0.0              | 0.0 | 22.9   | 0.5  | 14.4 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 30.5   | 0.5  | 10.1 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 30.5   | 0.5  | 12.9 | 0.0 |
|     |   |                | Min        | I          | 0.0              | 0.0 | -110.0 | -0.5 | -8.7 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -23.8  | -0.5 | -6.8 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -23.8  | -0.5 | -7.4 | 0.0 |
|     |   |                | PP         | I          | 0.0              | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |   |                | perm       | I          | 0.0              | 0.0 | -0.2   | -0.0 | -1.1 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -0.2   | -0.0 | -1.0 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |   |                | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |     |
| 352 | 2 | 3 c mobili Max |            | I          | 0.0              | 0.0 | 22.9   | 0.5  | 14.3 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 30.4   | 0.5  | 10.1 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 30.4   | 0.5  | 12.9 | 0.0 |
|     |   |                | Min        | I          | 0.0              | 0.0 | -110.0 | -0.6 | -8.7 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -23.7  | -0.6 | -6.7 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -23.7  | -0.6 | -7.4 | 0.0 |
|     |   |                | PP         | I          | 0.0              | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |   |                | perm       | I          | 0.0              | 0.0 | -0.2   | -0.0 | -1.1 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -0.2   | -0.0 | -1.0 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |   |                | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                | Length = 2 | Type: Beam | Section: soletta |     |        |      |      |     |
| 353 | 2 | 3 c mobili Max |            | I          | 0.0              | 0.0 | 22.8   | 0.6  | 14.2 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 30.4   | 0.6  | 9.9  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 30.4   | 0.6  | 12.8 | 0.0 |
|     |   |                | Min        | I          | 0.0              | 0.0 | -110.0 | -0.7 | -8.6 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -23.6  | -0.7 | -6.6 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -23.6  | -0.7 | -7.3 | 0.0 |
|     |   |                | PP         | I          | 0.0              | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |   |                | perm       | I          | 0.0              | 0.0 | -0.2   | -0.0 | -1.0 | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | -0.2   | -0.0 | -1.0 | 0.0 |
|     |   |                |            | J          | 0.0              | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |   |                | acc        | I          | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT        | 0.0              | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |



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|     |            |            |                  |     |     |        |      |      |     |
|-----|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 354 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 22.7   | 0.6  | 14.0 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 30.3   | 0.6  | 9.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 30.3   | 0.6  | 12.7 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.9 | -0.8 | -8.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -23.5  | -0.8 | -6.5 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -23.5  | -0.8 | -7.3 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.2   | -0.0 | -1.0 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 355 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 22.6   | 0.7  | 13.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 30.2   | 0.7  | 9.5  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 30.2   | 0.7  | 12.5 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.8 | -0.9 | -8.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -23.4  | -0.9 | -6.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -23.4  | -0.9 | -7.2 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.2   | -0.0 | -1.0 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 356 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 22.5   | 0.7  | 13.6 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 30.1   | 0.7  | 9.3  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 30.1   | 0.7  | 12.3 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.7 | -0.9 | -8.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -23.2  | -0.9 | -6.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -23.2  | -0.9 | -7.1 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.3    | 0.0  | 0.3  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.3    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.3    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.2   | -0.0 | -0.8 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 357 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 22.4   | 0.8  | 13.3 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 29.9   | 0.8  | 9.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 29.9   | 0.8  | 12.1 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.6 | -1.0 | -8.0 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -23.0  | -1.0 | -6.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -23.0  | -1.0 | -7.0 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.3  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.2   | -0.0 | -0.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.2   | -0.0 | -0.8 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 358 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 22.2   | 0.8  | 13.0 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 29.8   | 0.8  | 8.6  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 29.8   | 0.8  | 11.8 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.5 | -1.1 | -7.9 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -22.7  | -1.1 | -5.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -22.7  | -1.1 | -6.9 | 0.0 |
|     |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.3  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.2   | -0.0 | -0.9 | 0.0 |

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|     |            |            |                  |     |     |        |      |      |     |
|-----|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |            |            | CNT              | 0.0 | 0.0 | -0.2   | -0.0 | -0.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.2   | -0.0 | -0.8 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 359 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 22.0   | 0.9  | 12.6 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 29.5   | 0.9  | 8.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 29.5   | 0.9  | 11.4 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.4 | -1.2 | -7.6 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -22.4  | -1.2 | -5.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -22.4  | -1.2 | -6.8 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.1   | -0.0 | -0.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.0 | -0.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.1   | -0.0 | -0.7 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 360 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.7   | 0.9  | 12.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 29.3   | 0.9  | 7.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 29.3   | 0.9  | 11.1 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.2 | -1.2 | -7.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -22.0  | -1.2 | -5.1 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -22.0  | -1.2 | -6.6 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.1   | -0.0 | -0.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.0 | -0.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.1   | -0.0 | -0.7 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 361 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.4   | 1.0  | 11.7 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 29.0   | 1.0  | 7.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 29.0   | 1.0  | 10.6 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -109.1 | -1.3 | -7.1 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -21.6  | -1.3 | -4.8 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -21.6  | -1.3 | -6.2 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.1   | -0.0 | -0.7 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.0 | -0.7 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.1   | -0.0 | -0.6 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 362 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 21.0   | 1.0  | 11.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 28.6   | 1.0  | 6.7  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 28.6   | 1.0  | 10.1 | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -108.9 | -1.4 | -6.8 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -21.1  | -1.4 | -4.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -21.1  | -1.4 | -6.3 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.1   | -0.0 | -0.6 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.0 | -0.6 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.1   | -0.0 | -0.6 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 363 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 20.5   | 1.1  | 10.6 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 28.1   | 1.1  | 6.1  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 28.1   | 1.1  | 9.6  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -108.6 | -1.4 | -6.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -20.5  | -1.4 | -4.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -20.5  | -1.4 | -6.4 | 0.0 |

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|     |   |            |            |                  |     |     |        |      |      |     |
|-----|---|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.0  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.2    | 0.0  | 0.1  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | -0.1   | -0.0 | -0.6 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.0 | -0.5 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -0.1   | -0.0 | -0.5 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 364 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 19.9   | 1.1  | 9.9  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 27.6   | 1.1  | 5.5  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 27.6   | 1.1  | 9.0  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -108.4 | -1.5 | -6.0 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -19.8  | -1.5 | -3.6 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -19.8  | -1.5 | -6.4 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.1  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.1  | 0.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.2    | 0.1  | 0.1  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | -0.1   | -0.0 | -0.5 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.0 | -0.5 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -0.1   | -0.0 | -0.5 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 365 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 19.1   | 1.1  | 9.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 26.8   | 1.1  | 4.8  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 26.8   | 1.1  | 8.3  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -108.1 | -1.5 | -5.7 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -18.9  | -1.5 | -3.1 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -18.9  | -1.5 | -6.4 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.1  | 0.2  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.1  | 0.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.2    | 0.1  | 0.0  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | -0.1   | -0.0 | -0.4 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.0 | -0.4 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -0.1   | -0.0 | -0.4 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 366 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 18.0   | 1.2  | 8.3  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 25.8   | 1.2  | 4.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 25.8   | 1.2  | 7.6  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -107.8 | -1.6 | -5.4 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -17.8  | -1.6 | -2.6 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -17.8  | -1.6 | -6.3 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.1  | 0.1  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.1  | 0.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.2    | 0.1  | 0.0  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | -0.0   | -0.0 | -0.4 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -0.0   | -0.0 | -0.3 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -0.0   | -0.0 | -0.3 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 367 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 16.5   | 1.2  | 7.4  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 24.4   | 1.2  | 3.4  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 24.4   | 1.2  | 6.8  | 0.0 |
|     |   |            | Min        | I                | 0.0 | 0.0 | -107.5 | -1.6 | -4.9 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -16.3  | -1.6 | -2.1 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -16.3  | -1.6 | -6.1 | 0.0 |
|     |   |            | PP         | I                | 0.0 | 0.0 | 0.2    | 0.1  | 0.1  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.2    | 0.1  | 0.1  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.2    | 0.1  | 0.0  | 0.0 |
|     |   |            | perm       | I                | 0.0 | 0.0 | -0.0   | -0.0 | -0.3 | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | -0.0   | -0.0 | -0.3 | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | -0.0   | -0.0 | -0.3 | 0.0 |
|     |   |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 368 | 2 | 3 c mobili | Max        | I                | 0.0 | 0.0 | 14.3   | 1.2  | 6.3  | 0.0 |
|     |   |            |            | CNT              | 0.0 | 0.0 | 22.3   | 1.2  | 2.7  | 0.0 |

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|     |            |                |                  |     |     |        |       |       |     |
|-----|------------|----------------|------------------|-----|-----|--------|-------|-------|-----|
|     |            |                | J                | 0.0 | 0.0 | 22.3   | 1.2   | 5.8   | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -107.1 | -1.6  | -4.3  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -14.2  | -1.6  | -1.6  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -14.2  | -1.6  | -5.5  | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.1    | 0.1   | 0.1   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1    | 0.1   | 0.1   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1    | 0.1   | 0.0   | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | -0.0   | -0.0  | -0.2  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -0.0   | -0.0  | -0.2  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -0.0   | -0.0  | -0.2  | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |        |       |       |     |
| 369 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 11.4   | 1.2   | 4.9   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 19.7   | 1.2   | 2.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 19.7   | 1.2   | 4.7   | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -107.0 | -1.6  | -3.5  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -11.8  | -1.6  | -1.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -11.8  | -1.6  | -4.8  | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.1    | 0.1   | 0.1   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1    | 0.1   | 0.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1    | 0.1   | 0.0   | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.0    | -0.0  | -0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | -0.0  | -0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | -0.0  | -0.1  | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |        |       |       |     |
| 370 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 8.1    | 1.2   | 3.1   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 17.1   | 1.2   | 1.4   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 17.1   | 1.2   | 3.4   | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -107.4 | -1.6  | -2.7  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -9.0   | -1.6  | -0.6  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -9.0   | -1.6  | -4.0  | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | 0.0    | 0.1   | 0.0   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | 0.1   | 0.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | 0.1   | 0.0   | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.0    | -0.0  | -0.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | -0.0  | -0.1  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | -0.0  | -0.1  | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |        |       |       |     |
| 371 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 9.8    | 1.2   | 3.1   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 14.4   | 1.2   | 0.9   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 14.4   | 1.2   | 3.2   | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -112.2 | -1.6  | -4.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -10.0  | -1.6  | -0.2  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -10.0  | -1.6  | -3.9  | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | -0.1   | 0.1   | -0.0  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -0.1   | 0.1   | -0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -0.1   | 0.1   | 0.0   | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 0.1    | -0.0  | 0.0   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.1    | -0.0  | -0.0  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.1    | -0.0  | -0.0  | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |        |       |       |     |
| 372 | 2          | 4 c mobili Max | I                | 0.0 | 0.0 | 131.6  | 20.4  | 83.6  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 144.6  | 20.4  | 57.8  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 144.6  | 20.4  | 52.2  | 0.0 |
|     |            | Min            | I                | 0.0 | 0.0 | -139.1 | -27.7 | -64.6 | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -118.7 | -27.7 | -56.2 | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -118.7 | -27.7 | -66.5 | 0.0 |
|     |            | pp             | I                | 0.0 | 0.0 | -2.1   | 1.2   | -6.1  | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | -2.1   | 1.2   | -5.5  | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | -2.1   | 1.2   | -4.8  | 0.0 |
|     |            | perm           | I                | 0.0 | 0.0 | 3.7    | -0.7  | 9.8   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 3.7    | -0.7  | 8.7   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 3.7    | -0.7  | 7.6   | 0.0 |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |
|     |            |                | J                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0 |

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|              |     |            |              |                       |            |              |              |        |       |      |       |       |     |
|--------------|-----|------------|--------------|-----------------------|------------|--------------|--------------|--------|-------|------|-------|-------|-----|
| Length = 2   |     | Type: Beam |              | Section: traverso cap |            |              |              |        |       |      |       |       |     |
| 373          | 1   | 1 c mobili | Max          | I                     | 0.0        | 0.0          | 160.4        | 175.9  | 10.4  | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | 160.4        | 175.9  | 28.2  | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | 160.4        | 175.9  | 46.5  | 0.0  |       |       |     |
|              |     |            | Min          | I                     | 0.0        | 0.0          | -73.3        | -236.2 | -12.9 | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -73.3        | -236.2 | -43.1 | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | -73.3        | -236.2 | -83.2 | 0.0  |       |       |     |
|              |     |            | pp           | I                     | 0.0        | 0.0          | 4.5          | 14.0   | -0.6  | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | 10.9         | 14.0   | -2.5  | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | 17.2         | 14.0   | -6.0  | 0.0  |       |       |     |
|              |     |            | perm         | I                     | 0.0        | 0.0          | -8.6         | -11.6  | 1.5   | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -7.1         | -11.6  | 3.5   | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | -5.6         | -11.6  | 5.0   | 0.0  |       |       |     |
|              |     |            | acc          | I                     | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              |     |            | Length = 0.5 |                       | Type: Beam |              | Section: cap |        |       |      |       |       |     |
|              |     |            | 374          | 1                     | 1 c mobili | Max          | I            | 0.0    | 0.0   | 9.7  | 190.7 | 47.1  | 0.0 |
|              |     |            |              |                       |            |              | CNT          | 0.0    | 0.0   | 9.7  | 190.7 | 73.0  | 0.0 |
|              | J   | 0.0        |              |                       |            | 0.0          | 9.7          | 190.7  | 128.1 | 0.0  |       |       |     |
| Min          | I   | 0.0        |              |                       |            | 0.0          | -295.8       | -248.2 | -83.4 | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | -295.8       | -248.2 | -64.0 | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | -295.8       | -248.2 | -57.9 | 0.0  |       |       |     |
| pp           | I   | 0.0        |              |                       |            | 0.0          | -275.7       | 12.8   | -6.1  | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | -269.3       | 12.8   | 62.1  | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | -263.0       | 12.8   | 128.6 | 0.0  |       |       |     |
| perm         | I   | 0.0        |              |                       |            | 0.0          | -73.3        | -12.5  | 5.1   | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | -71.8        | -12.5  | 23.3  | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | -70.3        | -12.5  | 41.0  | 0.0  |       |       |     |
| acc          | I   | 0.0        |              |                       |            | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
| Length = 0.5 |     | Type: Beam |              |                       |            | Section: cap |              |        |       |      |       |       |     |
| 375          | 1   | 1 c mobili |              |                       |            | Max          | I            | 0.0    | 0.0   | 12.6 | 197.7 | 128.0 | 0.0 |
|              |     |            |              |                       |            |              | CNT          | 0.0    | 0.0   | 12.6 | 197.7 | 178.9 | 0.0 |
|              |     |            |              | J                     | 0.0        | 0.0          | 12.6         | 197.7  | 247.1 | 0.0  |       |       |     |
|              |     |            | Min          | I                     | 0.0        | 0.0          | -273.1       | -253.7 | -57.9 | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -273.1       | -253.7 | -56.1 | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | -273.1       | -253.7 | -54.3 | 0.0  |       |       |     |
|              |     |            | pp           | I                     | 0.0        | 0.0          | -263.9       | 11.9   | 128.6 | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -257.5       | 11.9   | 193.7 | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | -251.1       | 11.9   | 257.3 | 0.0  |       |       |     |
|              |     |            | perm         | I                     | 0.0        | 0.0          | -70.7        | -12.9  | 41.1  | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -69.2        | -12.9  | 58.6  | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | -67.7        | -12.9  | 75.7  | 0.0  |       |       |     |
|              |     |            | acc          | I                     | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              |     |            | Length = 0.5 |                       | Type: Beam |              | Section: cap |        |       |      |       |       |     |
|              |     |            | 376          | 1                     | 1 c mobili | Max          | I            | 0.0    | 0.0   | 20.3 | 199.7 | 246.8 | 0.0 |
|              |     |            |              |                       |            |              | CNT          | 0.0    | 0.0   | 20.3 | 199.7 | 290.9 | 0.0 |
|              | J   | 0.0        |              |                       |            | 0.0          | 20.3         | 199.7  | 354.3 | 0.0  |       |       |     |
| Min          | I   | 0.0        |              |                       |            | 0.0          | -255.7       | -255.0 | -54.2 | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | -255.7       | -255.0 | -52.7 | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | -255.7       | -255.0 | -51.1 | 0.0  |       |       |     |
| pp           | I   | 0.0        |              |                       |            | 0.0          | -251.8       | 11.2   | 257.3 | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | -245.4       | 11.2   | 319.4 | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | -239.0       | 11.2   | 380.0 | 0.0  |       |       |     |
| perm         | I   | 0.0        |              |                       |            | 0.0          | -67.9        | -13.1  | 75.8  | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | -66.4        | -13.1  | 92.6  | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | -64.9        | -13.1  | 109.0 | 0.0  |       |       |     |
| acc          | I   | 0.0        |              |                       |            | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              | CNT | 0.0        |              |                       |            | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
|              | J   | 0.0        |              |                       |            | 0.0          | 0.0          | 0.0    | 0.0   | 0.0  |       |       |     |
| Length = 0.5 |     | Type: Beam |              |                       |            | Section: cap |              |        |       |      |       |       |     |
| 377          | 1   | 1 c mobili |              |                       |            | Max          | I            | 0.0    | 0.0   | 30.1 | 198.3 | 354.0 | 0.0 |
|              |     |            |              |                       |            |              | CNT          | 0.0    | 0.0   | 30.1 | 198.3 | 390.3 | 0.0 |
|              |     |            |              | J                     | 0.0        | 0.0          | 30.1         | 198.3  | 450.2 | 0.0  |       |       |     |
|              |     |            | Min          | I                     | 0.0        | 0.0          | -241.8       | -253.7 | -51.1 | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -241.8       | -253.7 | -49.7 | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | -241.8       | -253.7 | -48.3 | 0.0  |       |       |     |
|              |     |            | pp           | I                     | 0.0        | 0.0          | -239.4       | 10.6   | 380.0 | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -233.1       | 10.6   | 439.0 | 0.0  |       |       |     |
|              |     |            |              | J                     | 0.0        | 0.0          | -226.7       | 10.6   | 496.5 | 0.0  |       |       |     |
|              |     |            | perm         | I                     | 0.0        | 0.0          | -65.0        | -13.1  | 109.1 | 0.0  |       |       |     |
|              |     |            |              | CNT                   | 0.0        | 0.0          | -63.5        | -13.1  | 125.2 | 0.0  |       |       |     |

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|     |   |              |            |              |     |       |        |        |       |     |
|-----|---|--------------|------------|--------------|-----|-------|--------|--------|-------|-----|
|     |   |              | J          | 0.0          | 0.0 | -62.0 | -13.1  | 140.9  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 378 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 40.3   | 194.8  | 449.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 40.3   | 194.8  | 481.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 40.3   | 194.8  | 535.9 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -230.2 | -250.2 | -48.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -230.2 | -250.2 | -46.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -230.2 | -250.2 | -45.6 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -227.0 | 10.1   | 496.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -220.6 | 10.1   | 552.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -214.2 | 10.1   | 606.8 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -61.9  | -13.0  | 141.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -60.4  | -13.0  | 156.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -58.9  | -13.0  | 171.2 | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 379 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 48.2   | 189.8  | 535.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 48.2   | 189.8  | 564.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 48.2   | 189.8  | 613.3 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -220.4 | -245.2 | -45.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -220.4 | -245.2 | -44.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -220.4 | -245.2 | -43.2 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -214.4 | 9.6    | 606.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -208.1 | 9.6    | 659.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -201.7 | 9.6    | 710.8 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -58.8  | -12.8  | 171.3 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -57.3  | -12.8  | 185.8 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -55.8  | -12.8  | 199.9 | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 380 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 56.6   | 183.7  | 613.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 56.6   | 183.7  | 639.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 56.6   | 183.7  | 683.8 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -211.9 | -238.9 | -43.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -211.9 | -238.9 | -42.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -211.9 | -238.9 | -41.0 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -201.9 | 9.1    | 710.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -195.5 | 9.1    | 760.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -189.1 | 9.1    | 808.5 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -55.7  | -12.5  | 200.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -54.2  | -12.5  | 213.8 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -52.7  | -12.5  | 227.1 | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 381 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 64.3   | 176.9  | 683.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 64.3   | 176.9  | 706.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 64.3   | 176.9  | 747.4 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -204.3 | -231.3 | -41.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -204.3 | -231.3 | -39.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -204.3 | -231.3 | -38.9 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -189.2 | 8.7    | 808.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -182.9 | 8.7    | 855.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -176.5 | 8.7    | 899.9 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -52.4  | -12.0  | 227.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -50.9  | -12.0  | 240.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -49.4  | -12.0  | 252.7 | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 382 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 71.1   | 169.7  | 747.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 71.1   | 169.7  | 767.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 71.1   | 169.7  | 805.0 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -197.5 | -222.6 | -38.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -197.5 | -222.6 | -37.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -197.5 | -222.6 | -36.9 | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -176.6 | 8.2    | 899.9 | 0.0 |

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|     |              |            |              |     |     |        |        |        |        |     |
|-----|--------------|------------|--------------|-----|-----|--------|--------|--------|--------|-----|
|     |              |            | CNT          | 0.0 | 0.0 | -170.2 | 8.2    | 943.2  | 0.0    |     |
|     |              |            | J            | 0.0 | 0.0 | -163.9 | 8.2    | 985.0  | 0.0    |     |
|     |              | perm       | I            | 0.0 | 0.0 | -49.1  | -11.6  | 252.7  | 0.0    |     |
|     |              |            | CNT          | 0.0 | 0.0 | -47.6  | -11.6  | 264.8  | 0.0    |     |
|     |              |            | J            | 0.0 | 0.0 | -46.1  | -11.6  | 276.6  | 0.0    |     |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 383 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 77.1   | 162.3  | 804.7  | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 77.1   | 162.3  | 822.5  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 77.1   | 162.3  | 857.0  | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -191.2 | -213.8 | -36.9  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -191.2 | -213.8 | -35.9  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -191.2 | -213.8 | -35.0  | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | -163.9 | 7.7    | 985.0  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -157.6 | 7.7    | 1025.2 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -151.2 | 7.7    | 1063.8 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | -45.8  | -11.0  | 276.6  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -44.3  | -11.0  | 287.9  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -42.8  | -11.0  | 298.8  | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 384 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 82.4   | 154.8  | 856.7  | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 82.4   | 154.8  | 872.4  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 82.4   | 154.8  | 903.8  | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -185.4 | -204.4 | -35.0  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -185.4 | -204.4 | -34.2  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -185.4 | -204.4 | -33.4  | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | -151.3 | 7.2    | 1063.8 | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -144.9 | 7.2    | 1100.8 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -138.6 | 7.2    | 1136.2 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | -42.4  | -10.3  | 298.9  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -40.9  | -10.3  | 309.3  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -39.4  | -10.3  | 319.3  | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 385 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 87.3   | 147.2  | 903.6  | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 87.3   | 147.2  | 917.4  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 87.3   | 147.2  | 945.8  | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -179.9 | -194.4 | -33.4  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -179.9 | -194.4 | -32.6  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -179.9 | -194.4 | -31.9  | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | -138.7 | 6.7    | 1136.2 | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -132.3 | 6.7    | 1170.1 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -125.9 | 6.7    | 1202.3 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | -38.9  | -9.6   | 319.4  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -37.4  | -9.6   | 328.9  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -35.9  | -9.6   | 338.1  | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 386 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 92.1   | 139.4  | 945.5  | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 92.1   | 139.4  | 957.8  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 92.1   | 139.4  | 983.1  | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -174.7 | -183.8 | -31.8  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -174.7 | -183.8 | -31.1  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -174.7 | -183.8 | -30.4  | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | -126.0 | 6.1    | 1202.3 | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -119.7 | 6.1    | 1233.0 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -113.3 | 6.1    | 1262.2 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | -35.5  | -8.9   | 338.2  | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | -34.0  | -8.9   | 346.8  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | -32.5  | -8.9   | 355.1  | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | CNT | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |              |            |              | J   | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 387 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0    | 96.7   | 131.9  | 982.9  | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0    | 96.7   | 131.9  | 993.6  | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0    | 96.7   | 131.9  | 1015.9 | 0.0 |

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|     |   |              |            |              |     |     |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-----|--------|--------|--------|-----|
|     |   |              | Min        | I            | 0.0 | 0.0 | -169.7 | -172.7 | -30.4  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -169.7 | -172.7 | -29.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -169.7 | -172.7 | -29.0  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0 | -113.4 | 5.5    | 1262.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -107.0 | 5.5    | 1289.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -100.7 | 5.5    | 1315.7 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0 | -32.0  | -8.1   | 355.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -30.5  | -8.1   | 363.0  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -29.0  | -8.1   | 370.4  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 388 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 101.1  | 124.7  | 1015.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 101.1  | 124.7  | 1025.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 101.1  | 124.7  | 1044.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -164.9 | -161.2 | -29.0  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -164.9 | -161.2 | -28.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -164.9 | -161.2 | -27.6  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0 | -100.8 | 4.9    | 1315.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -94.4  | 4.9    | 1340.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -88.1  | 4.9    | 1362.9 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0 | -28.4  | -7.2   | 370.5  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -26.9  | -7.2   | 377.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -25.4  | -7.2   | 384.0  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 389 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 105.4  | 117.5  | 1044.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 105.4  | 117.5  | 1052.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 105.4  | 117.5  | 1069.1 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -160.2 | -149.3 | -27.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -160.2 | -149.3 | -27.0  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -160.2 | -149.3 | -26.3  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0 | -88.2  | 4.3    | 1362.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -81.8  | 4.3    | 1384.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -75.4  | 4.3    | 1403.8 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0 | -24.9  | -6.3   | 384.0  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -23.4  | -6.3   | 390.0  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -21.9  | -6.3   | 395.7  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 390 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 109.6  | 110.4  | 1069.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 109.6  | 110.4  | 1075.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 109.6  | 110.4  | 1089.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -155.7 | -137.1 | -26.3  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -155.7 | -137.1 | -25.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -155.7 | -137.1 | -25.1  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0 | -75.6  | 3.7    | 1403.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -69.2  | 3.7    | 1421.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -62.8  | 3.7    | 1438.4 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0 | -21.3  | -5.4   | 395.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -19.8  | -5.4   | 400.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -18.3  | -5.4   | 405.6  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 391 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 113.7  | 103.6  | 1089.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 113.7  | 103.6  | 1094.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 113.7  | 103.6  | 1106.3 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -151.2 | -125.1 | -25.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -151.2 | -125.1 | -24.6  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -151.2 | -125.1 | -24.0  | 0.0 |
|     |   | pp           |            | I            | 0.0 | 0.0 | -63.0  | 3.0    | 1438.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -56.6  | 3.0    | 1453.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -50.3  | 3.0    | 1466.7 | 0.0 |
|     |   | perm         |            | I            | 0.0 | 0.0 | -17.7  | -4.4   | 405.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -16.2  | -4.4   | 409.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -14.7  | -4.4   | 413.8  | 0.0 |
|     |   | acc          |            | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |



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|              |      |            |              |      |            |              |        |        |        |        |      |        |     |
|--------------|------|------------|--------------|------|------------|--------------|--------|--------|--------|--------|------|--------|-----|
| Length = 0.5 |      | Type: Beam | Section: cap |      |            |              |        |        |        |        |      |        |     |
| 392          | 1    | 1 c mobili | Max          | I    | 0.0        | 0.0          | 117.8  | 96.9   | 1106.2 | 0.0    |      |        |     |
|              |      |            |              | CNT  | 0.0        | 0.0          | 117.8  | 96.9   | 1109.0 | 0.0    |      |        |     |
|              |      |            |              | J    | 0.0        | 0.0          | 117.8  | 96.9   | 1119.1 | 0.0    |      |        |     |
|              |      |            | Min          | I    | 0.0        | 0.0          | -146.8 | -114.2 | -24.0  | 0.0    |      |        |     |
|              |      |            |              | CNT  | 0.0        | 0.0          | -146.8 | -114.2 | -23.5  | 0.0    |      |        |     |
|              |      |            |              | J    | 0.0        | 0.0          | -146.8 | -114.2 | -22.9  | 0.0    |      |        |     |
|              |      |            |              | PP   | I          | 0.0          | 0.0    | -50.4  | 2.4    | 1466.7 | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | -44.0  | 2.4    | 1478.5 | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | -37.7  | 2.4    | 1488.7 | 0.0  |        |     |
|              |      |            |              | perm | I          | 0.0          | 0.0    | -14.1  | -3.5   | 413.8  | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | -12.6  | -3.5   | 417.2  | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | -11.1  | -3.5   | 420.1  | 0.0  |        |     |
|              |      |            |              | acc  | I          | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      |            | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |        |      |        |     |
|              |      |            | 393          | 1    | 1 c mobili | Max          | I      | 0.0    | 0.0    | 121.8  | 90.5 | 1118.9 | 0.0 |
|              |      |            |              |      |            |              | CNT    | 0.0    | 0.0    | 121.8  | 90.5 | 1120.1 | 0.0 |
|              | J    | 0.0        |              |      |            | 0.0          | 121.8  | 90.5   | 1127.9 | 0.0    |      |        |     |
| Min          | I    | 0.0        |              |      |            | 0.0          | -142.5 | -104.7 | -22.9  | 0.0    |      |        |     |
|              | CNT  | 0.0        |              |      |            | 0.0          | -142.5 | -104.7 | -22.4  | 0.0    |      |        |     |
|              | J    | 0.0        |              |      |            | 0.0          | -142.5 | -104.7 | -21.8  | 0.0    |      |        |     |
|              | PP   | I          |              |      |            | 0.0          | 0.0    | -37.8  | 1.7    | 1488.7 | 0.0  |        |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | -31.5  | 1.7    | 1497.3 | 0.0  |        |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | -25.1  | 1.7    | 1504.4 | 0.0  |        |     |
|              | perm | I          |              |      |            | 0.0          | 0.0    | -10.5  | -2.5   | 420.2  | 0.0  |        |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | -9.0   | -2.5   | 422.6  | 0.0  |        |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | -7.5   | -2.5   | 424.7  | 0.0  |        |     |
|              | acc  | I          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
| Length = 0.5 |      | Type: Beam |              |      |            | Section: cap |        |        |        |        |      |        |     |
| 394          | 1    | 1 c mobili |              |      |            | Max          | I      | 0.0    | 0.0    | 125.9  | 86.5 | 1127.8 | 0.0 |
|              |      |            |              |      |            |              | CNT    | 0.0    | 0.0    | 125.9  | 86.5 | 1127.2 | 0.0 |
|              |      |            |              | J    | 0.0        | 0.0          | 125.9  | 86.5   | 1132.7 | 0.0    |      |        |     |
|              |      |            | Min          | I    | 0.0        | 0.0          | -138.3 | -95.6  | -21.8  | 0.0    |      |        |     |
|              |      |            |              | CNT  | 0.0        | 0.0          | -138.3 | -95.6  | -21.3  | 0.0    |      |        |     |
|              |      |            |              | J    | 0.0        | 0.0          | -138.3 | -95.6  | -20.8  | 0.0    |      |        |     |
|              |      |            |              | PP   | I          | 0.0          | 0.0    | -25.2  | 1.0    | 1504.4 | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | -18.9  | 1.0    | 1509.9 | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | -12.5  | 1.0    | 1513.8 | 0.0  |        |     |
|              |      |            |              | perm | I          | 0.0          | 0.0    | -6.9   | -1.5   | 424.7  | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | -5.4   | -1.5   | 426.2  | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | -3.9   | -1.5   | 427.4  | 0.0  |        |     |
|              |      |            |              | acc  | I          | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      |            | Length = 0.5 |      | Type: Beam | Section: cap |        |        |        |        |      |        |     |
|              |      |            | 395          | 1    | 1 c mobili | Max          | I      | 0.0    | 0.0    | 130.0  | 87.7 | 1132.7 | 0.0 |
|              |      |            |              |      |            |              | CNT    | 0.0    | 0.0    | 130.0  | 87.7 | 1130.5 | 0.0 |
|              | J    | 0.0        |              |      |            | 0.0          | 130.0  | 87.7   | 1133.7 | 0.0    |      |        |     |
| Min          | I    | 0.0        |              |      |            | 0.0          | -134.1 | -90.1  | -20.8  | 0.0    |      |        |     |
|              | CNT  | 0.0        |              |      |            | 0.0          | -134.1 | -90.1  | -20.3  | 0.0    |      |        |     |
|              | J    | 0.0        |              |      |            | 0.0          | -134.1 | -90.1  | -19.8  | 0.0    |      |        |     |
|              | PP   | I          |              |      |            | 0.0          | 0.0    | -12.7  | 0.3    | 1513.8 | 0.0  |        |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | -6.3   | 0.3    | 1516.2 | 0.0  |        |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | 0.1    | 0.3    | 1517.0 | 0.0  |        |     |
|              | perm | I          |              |      |            | 0.0          | 0.0    | -3.3   | -0.5   | 427.4  | 0.0  |        |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | -1.8   | -0.5   | 428.0  | 0.0  |        |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | -0.3   | -0.5   | 428.3  | 0.0  |        |     |
|              | acc  | I          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      | CNT        |              |      |            | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
|              |      | J          |              |      |            | 0.0          | 0.0    | 0.0    | 0.0    | 0.0    | 0.0  |        |     |
| Length = 0.5 |      | Type: Beam |              |      |            | Section: cap |        |        |        |        |      |        |     |
| 396          | 1    | 1 c mobili |              |      |            | Max          | I      | 0.0    | 0.0    | 134.1  | 90.1 | 1133.7 | 0.0 |
|              |      |            |              |      |            |              | CNT    | 0.0    | 0.0    | 134.1  | 90.1 | 1130.5 | 0.0 |
|              |      |            |              | J    | 0.0        | 0.0          | 134.1  | 90.1   | 1132.7 | 0.0    |      |        |     |
|              |      |            | Min          | I    | 0.0        | 0.0          | -130.0 | -87.7  | -19.8  | 0.0    |      |        |     |
|              |      |            |              | CNT  | 0.0        | 0.0          | -130.0 | -87.7  | -20.3  | 0.0    |      |        |     |
|              |      |            |              | J    | 0.0        | 0.0          | -130.0 | -87.7  | -20.8  | 0.0    |      |        |     |
|              |      |            |              | PP   | I          | 0.0          | 0.0    | -0.1   | -0.3   | 1517.0 | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | 6.3    | -0.3   | 1516.2 | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | 12.7   | -0.3   | 1513.8 | 0.0  |        |     |
|              |      |            |              | perm | I          | 0.0          | 0.0    | 0.3    | 0.5    | 428.3  | 0.0  |        |     |
|              |      |            |              |      | CNT        | 0.0          | 0.0    | 1.8    | 0.5    | 428.0  | 0.0  |        |     |
|              |      |            |              |      | J          | 0.0          | 0.0    | 3.3    | 0.5    | 427.4  | 0.0  |        |     |

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|     |   |              |            |              |     |     |        |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-----|--------|--------|--------|--------|-----|
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 397 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 138.3  | 95.6   | 1132.7 | 0.0 |
|     |   |              |            |              | CNT | 0.0 | 0.0    | 138.3  | 95.6   | 1127.2 | 0.0 |
|     |   |              |            |              | J   | 0.0 | 0.0    | 138.3  | 95.6   | 1127.8 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -125.9 | -86.5  | -20.8  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -125.9 | -86.5  | -21.3  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -125.9 | -86.5  | -21.8  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | 12.5   | -1.0   | 1513.8 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 18.9   | -1.0   | 1509.9 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 25.2   | -1.0   | 1504.4 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | 3.9    | 1.5    | 427.4  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 5.4    | 1.5    | 426.2  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 6.9    | 1.5    | 424.7  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 398 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 142.5  | 104.7  | 1127.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 142.5  | 104.7  | 1120.1 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 142.5  | 104.7  | 1118.9 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -121.8 | -90.5  | -21.8  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -121.8 | -90.5  | -22.4  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -121.8 | -90.5  | -22.9  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | 25.1   | -1.7   | 1504.4 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 31.5   | -1.7   | 1497.3 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 37.8   | -1.7   | 1488.7 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | 7.5    | 2.5    | 424.7  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 9.0    | 2.5    | 422.6  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 10.5   | 2.5    | 420.2  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 399 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 146.8  | 114.2  | 1119.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 146.8  | 114.2  | 1109.0 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 146.8  | 114.2  | 1106.2 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -117.8 | -96.9  | -22.9  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -117.8 | -96.9  | -23.5  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -117.8 | -96.9  | -24.0  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | 37.7   | -2.4   | 1488.7 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 44.0   | -2.4   | 1478.5 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 50.4   | -2.4   | 1466.7 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | 11.1   | 3.5    | 420.1  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 12.6   | 3.5    | 417.2  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 14.1   | 3.5    | 413.8  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 400 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 151.2  | 125.1  | 1106.3 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 151.2  | 125.1  | 1094.0 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 151.2  | 125.1  | 1089.5 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -113.7 | -103.6 | -24.0  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -113.7 | -103.6 | -24.6  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -113.7 | -103.6 | -25.1  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | 50.3   | -3.0   | 1466.7 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 56.6   | -3.0   | 1453.3 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 63.0   | -3.0   | 1438.4 | 0.0    | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | 14.7   | 4.4    | 413.8  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 16.2   | 4.4    | 409.9  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 17.7   | 4.4    | 405.7  | 0.0    | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |        |     |
| 401 | 1 | 1            | c mobili   | Max          | I   | 0.0 | 0.0    | 155.7  | 137.1  | 1089.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 155.7  | 137.1  | 1075.1 | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 155.7  | 137.1  | 1069.0 | 0.0    | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -109.6 | -110.4 | -25.1  | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -109.6 | -110.4 | -25.7  | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -109.6 | -110.4 | -26.3  | 0.0    | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | 62.8   | -3.7   | 1438.4 | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 69.2   | -3.7   | 1421.9 | 0.0    | 0.0 |

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|     |   |              |            |              |     |       |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-------|--------|--------|--------|-----|
|     |   |              | J          | 0.0          | 0.0 | 75.6  | -3.7   | 1403.8 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 18.3  | 5.4    | 405.6  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 19.8  | 5.4    | 400.9  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 21.3  | 5.4    | 395.7  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 402 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 160.2  | 149.3  | 1069.1 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 160.2  | 149.3  | 1052.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 160.2  | 149.3  | 1044.4 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -105.4 | -117.5 | -26.3  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -105.4 | -117.5 | -27.0  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -105.4 | -117.5 | -27.6  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 75.4  | -4.3   | 1403.8 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 81.8  | -4.3   | 1384.1 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 88.2  | -4.3   | 1362.9 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 21.9  | 6.3    | 395.7  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 23.4  | 6.3    | 390.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 24.9  | 6.3    | 384.0  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 403 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 164.9  | 161.2  | 1044.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 164.9  | 161.2  | 1025.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 164.9  | 161.2  | 1015.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -101.1 | -124.7 | -27.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -101.1 | -124.7 | -28.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -101.1 | -124.7 | -29.0  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 88.1  | -4.9   | 1362.9 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 94.4  | -4.9   | 1340.1 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 100.8 | -4.9   | 1315.7 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 25.4  | 7.2    | 384.0  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 26.9  | 7.2    | 377.4  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 28.4  | 7.2    | 370.5  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 404 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 169.7  | 172.7  | 1015.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 169.7  | 172.7  | 993.6  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 169.7  | 172.7  | 982.9  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -96.7  | -131.9 | -29.0  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -96.7  | -131.9 | -29.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -96.7  | -131.9 | -30.4  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 100.7 | -5.5   | 1315.7 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 107.0 | -5.5   | 1289.7 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 113.4 | -5.5   | 1262.2 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 29.0  | 8.1    | 370.4  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 30.5  | 8.1    | 363.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 32.0  | 8.1    | 355.2  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 405 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 174.7  | 183.8  | 983.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 174.7  | 183.8  | 957.8  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 174.7  | 183.8  | 945.5  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -92.1  | -139.4 | -30.4  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -92.1  | -139.4 | -31.1  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -92.1  | -139.4 | -31.8  | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 113.3 | -6.1   | 1262.2 | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 119.7 | -6.1   | 1233.0 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 126.0 | -6.1   | 1202.3 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | 32.5  | 8.9    | 355.1  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 34.0  | 8.9    | 346.8  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 35.5  | 8.9    | 338.2  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 406 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 179.9  | 194.4  | 945.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 179.9  | 194.4  | 917.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 179.9  | 194.4  | 903.6  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -87.3  | -147.2 | -31.9  | 0.0 |

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|     |   |              |            |              |     |       |        |        |       |     |
|-----|---|--------------|------------|--------------|-----|-------|--------|--------|-------|-----|
|     |   |              | CNT        | 0.0          | 0.0 | -87.3 | -147.2 | -32.6  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -87.3 | -147.2 | -33.4  | 0.0   |     |
|     |   | pp           | I          | 0.0          | 0.0 | 125.9 | -6.7   | 1202.3 | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 132.3 | -6.7   | 1170.1 | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 138.7 | -6.7   | 1136.2 | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 35.9  | 9.6    | 338.1  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 37.4  | 9.6    | 328.9  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 38.9  | 9.6    | 319.4  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 407 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 185.4  | 204.4  | 903.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 185.4  | 204.4  | 872.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 185.4  | 204.4  | 856.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -82.4  | -154.8 | -33.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -82.4  | -154.8 | -34.2 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -82.4  | -154.8 | -35.0 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 138.6 | -7.2   | 1136.2 | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 144.9 | -7.2   | 1100.8 | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 151.3 | -7.2   | 1063.8 | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 39.4  | 10.3   | 319.3  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 40.9  | 10.3   | 309.3  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 42.4  | 10.3   | 298.9  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 408 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 191.2  | 213.8  | 857.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 191.2  | 213.8  | 822.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 191.2  | 213.8  | 804.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -77.1  | -162.3 | -35.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -77.1  | -162.3 | -35.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -77.1  | -162.3 | -36.9 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 151.2 | -7.7   | 1063.8 | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 157.6 | -7.7   | 1025.2 | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 163.9 | -7.7   | 985.0  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 42.8  | 11.0   | 298.8  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 44.3  | 11.0   | 287.9  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 45.8  | 11.0   | 276.6  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 409 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 197.5  | 222.6  | 805.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 197.5  | 222.6  | 767.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 197.5  | 222.6  | 747.1 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -71.1  | -169.7 | -36.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -71.1  | -169.7 | -37.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -71.1  | -169.7 | -38.9 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 163.9 | -8.2   | 985.0  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 170.2 | -8.2   | 943.2  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 176.6 | -8.2   | 899.9  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 46.1  | 11.6   | 276.6  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 47.6  | 11.6   | 264.8  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 49.1  | 11.6   | 252.7  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 410 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 204.3  | 231.3  | 747.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 204.3  | 231.3  | 706.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 204.3  | 231.3  | 683.4 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -64.3  | -176.9 | -38.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -64.3  | -176.9 | -39.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -64.3  | -176.9 | -41.0 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 176.5 | -8.7   | 899.9  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 182.9 | -8.7   | 855.0  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 189.2 | -8.7   | 808.5  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 49.4  | 12.0   | 252.7  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 50.9  | 12.0   | 240.1  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 52.4  | 12.0   | 227.2  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |

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|              |   |            |            |              |     |     |       |        |       |     |
|--------------|---|------------|------------|--------------|-----|-----|-------|--------|-------|-----|
| 411          | 1 | 1 c mobili | Max        | I            | 0.0 | 0.0 | 211.9 | 238.9  | 683.8 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 211.9 | 238.9  | 639.0 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 211.9 | 238.9  | 613.0 | 0.0 |
|              |   |            | Min        | I            | 0.0 | 0.0 | -56.6 | -183.7 | -41.0 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | -56.6 | -183.7 | -42.1 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | -56.6 | -183.7 | -43.2 | 0.0 |
|              |   |            | PP         | I            | 0.0 | 0.0 | 189.1 | -9.1   | 808.5 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 195.5 | -9.1   | 760.4 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 201.9 | -9.1   | 710.8 | 0.0 |
|              |   |            | perm       | I            | 0.0 | 0.0 | 52.7  | 12.5   | 227.1 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 54.2  | 12.5   | 213.8 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 55.7  | 12.5   | 200.0 | 0.0 |
|              |   |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |     |       |        |       |     |
| 412          | 1 | 1 c mobili | Max        | I            | 0.0 | 0.0 | 220.4 | 245.2  | 613.3 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 220.4 | 245.2  | 564.3 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 220.4 | 245.2  | 535.6 | 0.0 |
|              |   |            | Min        | I            | 0.0 | 0.0 | -48.2 | -189.8 | -43.2 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | -48.2 | -189.8 | -44.4 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | -48.2 | -189.8 | -45.6 | 0.0 |
|              |   |            | PP         | I            | 0.0 | 0.0 | 201.7 | -9.6   | 710.8 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 208.1 | -9.6   | 659.6 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 214.4 | -9.6   | 606.7 | 0.0 |
|              |   |            | perm       | I            | 0.0 | 0.0 | 55.8  | 12.8   | 199.9 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 57.3  | 12.8   | 185.8 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 58.8  | 12.8   | 171.3 | 0.0 |
|              |   |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |     |       |        |       |     |
| 413          | 1 | 1 c mobili | Max        | I            | 0.0 | 0.0 | 230.2 | 250.2  | 535.9 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 230.2 | 250.2  | 481.3 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 230.2 | 250.2  | 449.8 | 0.0 |
|              |   |            | Min        | I            | 0.0 | 0.0 | -40.3 | -194.8 | -45.6 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | -40.3 | -194.8 | -46.9 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | -40.3 | -194.8 | -48.2 | 0.0 |
|              |   |            | PP         | I            | 0.0 | 0.0 | 214.2 | -10.1  | 606.8 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 220.6 | -10.1  | 552.4 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 227.0 | -10.1  | 496.5 | 0.0 |
|              |   |            | perm       | I            | 0.0 | 0.0 | 58.9  | 13.0   | 171.2 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 60.4  | 13.0   | 156.3 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 61.9  | 13.0   | 141.0 | 0.0 |
|              |   |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |     |       |        |       |     |
| 414          | 1 | 1 c mobili | Max        | I            | 0.0 | 0.0 | 241.8 | 253.7  | 450.2 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 241.8 | 253.7  | 390.3 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 241.8 | 253.7  | 354.0 | 0.0 |
|              |   |            | Min        | I            | 0.0 | 0.0 | -30.1 | -198.3 | -48.3 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | -30.1 | -198.3 | -49.7 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | -30.1 | -198.3 | -51.1 | 0.0 |
|              |   |            | PP         | I            | 0.0 | 0.0 | 226.7 | -10.6  | 496.5 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 233.1 | -10.6  | 439.0 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 239.4 | -10.6  | 380.0 | 0.0 |
|              |   |            | perm       | I            | 0.0 | 0.0 | 62.0  | 13.1   | 140.9 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 63.5  | 13.1   | 125.2 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 65.0  | 13.1   | 109.1 | 0.0 |
|              |   |            | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0   | 0.0 |
| Length = 0.5 |   |            | Type: Beam | Section: cap |     |     |       |        |       |     |
| 415          | 1 | 1 c mobili | Max        | I            | 0.0 | 0.0 | 255.7 | 255.0  | 354.3 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 255.7 | 255.0  | 290.9 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 255.7 | 255.0  | 246.8 | 0.0 |
|              |   |            | Min        | I            | 0.0 | 0.0 | -20.3 | -199.7 | -51.1 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | -20.3 | -199.7 | -52.7 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | -20.3 | -199.7 | -54.2 | 0.0 |
|              |   |            | PP         | I            | 0.0 | 0.0 | 239.0 | -11.2  | 380.0 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 245.4 | -11.2  | 319.4 | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 251.8 | -11.2  | 257.3 | 0.0 |
|              |   |            | perm       | I            | 0.0 | 0.0 | 64.9  | 13.1   | 109.0 | 0.0 |
|              |   |            |            | CNT          | 0.0 | 0.0 | 66.4  | 13.1   | 92.6  | 0.0 |
|              |   |            |            | J            | 0.0 | 0.0 | 67.9  | 13.1   | 75.8  | 0.0 |

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|     |              |            |            |                        |     |     |        |        |       |     |     |
|-----|--------------|------------|------------|------------------------|-----|-----|--------|--------|-------|-----|-----|
|     |              |            | acc        | I                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 | 0.0 |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 | 0.0 |
|     |              |            |            | J                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 | 0.0 |
|     | Length = 0.5 |            | Type: Beam | Section: cap           |     |     |        |        |       |     |     |
| 416 | 1            | 1 c mobili | Max        | I                      | 0.0 | 0.0 | 273.1  | 253.7  | 247.1 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 273.1  | 253.7  | 178.9 | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 273.1  | 253.7  | 128.0 | 0.0 |     |
|     |              |            | Min        | I                      | 0.0 | 0.0 | -12.6  | -197.7 | -54.3 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | -12.6  | -197.7 | -56.1 | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | -12.6  | -197.7 | -57.9 | 0.0 |     |
|     |              |            | pp         | I                      | 0.0 | 0.0 | 251.1  | -11.9  | 257.3 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 257.5  | -11.9  | 193.7 | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 263.9  | -11.9  | 128.6 | 0.0 |     |
|     |              |            | perm       | I                      | 0.0 | 0.0 | 67.7   | 12.9   | 75.7  | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 69.2   | 12.9   | 58.6  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 70.7   | 12.9   | 41.1  | 0.0 |     |
|     |              |            | acc        | I                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap           |     |     |        |        |       |     |     |
| 417 | 1            | 1 c mobili | Max        | I                      | 0.0 | 0.0 | 295.8  | 248.2  | 128.1 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 295.8  | 248.2  | 73.0  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 295.8  | 248.2  | 47.1  | 0.0 |     |
|     |              |            | Min        | I                      | 0.0 | 0.0 | -9.7   | -190.7 | -57.9 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | -9.7   | -190.7 | -64.0 | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | -9.7   | -190.7 | -83.4 | 0.0 |     |
|     |              |            | pp         | I                      | 0.0 | 0.0 | 263.0  | -12.8  | 128.6 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 269.3  | -12.8  | 62.1  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 275.7  | -12.8  | -6.1  | 0.0 |     |
|     |              |            | perm       | I                      | 0.0 | 0.0 | 70.3   | 12.5   | 41.0  | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 71.8   | 12.5   | 23.3  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 73.3   | 12.5   | 5.1   | 0.0 |     |
|     |              |            | acc        | I                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap           |     |     |        |        |       |     |     |
| 418 | 1            | 1 c mobili | Max        | I                      | 0.0 | 0.0 | 73.3   | 236.2  | 46.5  | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 73.3   | 236.2  | 28.2  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 73.3   | 236.2  | 10.4  | 0.0 |     |
|     |              |            | Min        | I                      | 0.0 | 0.0 | -160.4 | -175.9 | -83.2 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | -160.4 | -175.9 | -43.1 | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | -160.4 | -175.9 | -12.9 | 0.0 |     |
|     |              |            | pp         | I                      | 0.0 | 0.0 | -17.2  | -14.0  | -6.0  | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | -10.9  | -14.0  | -2.5  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | -4.5   | -14.0  | -0.6  | 0.0 |     |
|     |              |            | perm       | I                      | 0.0 | 0.0 | 5.6    | 11.6   | 5.0   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 7.1    | 11.6   | 3.5   | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 8.6    | 11.6   | 1.5   | 0.0 |     |
|     |              |            | acc        | I                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     | Length = 0.5 |            | Type: Beam | Section: cap           |     |     |        |        |       |     |     |
| 419 | 2            | 4 c mobili | Max        | I                      | 0.0 | 0.0 | 129.1  | 28.6   | 65.9  | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 129.1  | 28.6   | 37.8  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 129.1  | 28.6   | 48.9  | 0.0 |     |
|     |              |            | Min        | I                      | 0.0 | 0.0 | -100.9 | -19.4  | -65.2 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | -100.9 | -19.4  | -55.4 | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | -100.9 | -19.4  | -65.5 | 0.0 |     |
|     |              |            | pp         | I                      | 0.0 | 0.0 | -6.6   | -1.8   | -12.7 | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | -6.6   | -1.8   | -10.7 | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | -6.6   | -1.8   | -8.7  | 0.0 |     |
|     |              |            | perm       | I                      | 0.0 | 0.0 | 12.3   | 2.2    | 8.1   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 12.3   | 2.2    | 4.4   | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 12.3   | 2.2    | 0.7   | 0.0 |     |
|     |              |            | acc        | I                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |     |
|     | Length = 2   |            | Type: Beam | Section: trasverso cap |     |     |        |        |       |     |     |
| 420 | 2            | 3 c mobili | Max        | I                      | 0.0 | 0.0 | 11.3   | 1.7    | 2.8   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 11.3   | 1.7    | 0.4   | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 11.3   | 1.7    | 3.4   | 0.0 |     |
|     |              |            | Min        | I                      | 0.0 | 0.0 | -11.2  | -1.2   | -3.5  | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | -11.2  | -1.2   | -0.8  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | -11.2  | -1.2   | -4.0  | 0.0 |     |
|     |              |            | pp         | I                      | 0.0 | 0.0 | 1.3    | -0.1   | 0.3   | 0.0 |     |
|     |              |            |            | CNT                    | 0.0 | 0.0 | 1.3    | -0.1   | -0.1  | 0.0 |     |
|     |              |            |            | J                      | 0.0 | 0.0 | 1.3    | -0.1   | -0.4  | 0.0 |     |

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|     |            |            |            |     |                  |     |       |      |      |     |
|-----|------------|------------|------------|-----|------------------|-----|-------|------|------|-----|
|     |            |            | perm       | I   | 0.0              | 0.0 | 0.8   | 0.1  | 0.2  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.8   | 0.1  | -0.0 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.8   | 0.1  | -0.3 | 0.0 |
|     |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 421 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 5.6   | 1.7  | 1.3  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 5.6   | 1.7  | 0.9  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 5.6   | 1.7  | 3.3  | 0.0 |
|     |            |            | Min        | I   | 0.0              | 0.0 | -9.4  | -1.2 | -2.6 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | -9.4  | -1.2 | -1.4 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | -9.4  | -1.2 | -2.6 | 0.0 |
|     |            |            | pp         | I   | 0.0              | 0.0 | 0.9   | -0.1 | 0.2  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.9   | -0.1 | -0.0 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.9   | -0.1 | -0.3 | 0.0 |
|     |            |            | perm       | I   | 0.0              | 0.0 | 0.4   | 0.1  | 0.0  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.4   | 0.1  | -0.1 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.4   | 0.1  | -0.2 | 0.0 |
|     |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 422 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 3.1   | 1.7  | 1.4  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 3.1   | 1.7  | 1.6  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 3.1   | 1.7  | 3.6  | 0.0 |
|     |            |            | Min        | I   | 0.0              | 0.0 | -8.5  | -1.2 | -2.7 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | -8.5  | -1.2 | -2.0 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | -8.5  | -1.2 | -2.4 | 0.0 |
|     |            |            | pp         | I   | 0.0              | 0.0 | 0.7   | -0.1 | 0.2  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.7   | -0.1 | -0.0 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.7   | -0.1 | -0.2 | 0.0 |
|     |            |            | perm       | I   | 0.0              | 0.0 | 0.2   | 0.1  | -0.1 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.2   | 0.1  | -0.2 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.2   | 0.1  | -0.2 | 0.0 |
|     |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 423 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 2.1   | 1.7  | 2.0  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 2.1   | 1.7  | 2.2  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 2.1   | 1.7  | 4.0  | 0.0 |
|     |            |            | Min        | I   | 0.0              | 0.0 | -9.0  | -1.2 | -3.5 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | -9.0  | -1.2 | -2.5 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | -9.0  | -1.2 | -2.3 | 0.0 |
|     |            |            | pp         | I   | 0.0              | 0.0 | 0.5   | -0.1 | 0.2  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.5   | -0.1 | -0.0 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.5   | -0.1 | -0.2 | 0.0 |
|     |            |            | perm       | I   | 0.0              | 0.0 | 0.1   | 0.1  | -0.2 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.1   | 0.1  | -0.2 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.1   | 0.1  | -0.2 | 0.0 |
|     |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 424 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 3.0   | 1.7  | 2.6  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 3.0   | 1.7  | 2.8  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 3.0   | 1.7  | 4.6  | 0.0 |
|     |            |            | Min        | I   | 0.0              | 0.0 | -9.7  | -1.2 | -4.1 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | -9.7  | -1.2 | -3.1 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | -9.7  | -1.2 | -2.7 | 0.0 |
|     |            |            | pp         | I   | 0.0              | 0.0 | 0.4   | -0.1 | 0.1  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.4   | -0.1 | 0.0  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.4   | -0.1 | -0.1 | 0.0 |
|     |            |            | perm       | I   | 0.0              | 0.0 | -0.1  | 0.1  | -0.3 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | -0.1  | 0.1  | -0.3 | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | -0.1  | 0.1  | -0.3 | 0.0 |
|     |            |            | acc        | I   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 |            | Type: Beam |     | Section: soletta |     |       |      |      |     |
| 425 | 2          | 3 c mobili | Max        | I   | 0.0              | 0.0 | 3.8   | 1.7  | 3.2  | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | 3.8   | 1.7  | 3.4  | 0.0 |
|     |            |            |            | J   | 0.0              | 0.0 | 3.8   | 1.7  | 5.2  | 0.0 |
|     |            |            | Min        | I   | 0.0              | 0.0 | -10.3 | -1.1 | -4.7 | 0.0 |
|     |            |            |            | CNT | 0.0              | 0.0 | -10.3 | -1.1 | -3.6 | 0.0 |

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|     |   |            |                                                  |     |     |       |       |      |      |
|-----|---|------------|--------------------------------------------------|-----|-----|-------|-------|------|------|
|     |   |            | J                                                | 0.0 | 0.0 | -10.3 | -1.1  | -3.2 | 0.0  |
|     |   |            | PP                                               | I   | 0.0 | 0.0   | 0.4   | -0.1 | 0.1  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.4   | -0.1 | 0.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.4   | -0.1 | -0.1 |
|     |   |            | perm                                             | I   | 0.0 | 0.0   | -0.2  | 0.1  | -0.4 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -0.2  | 0.1  | -0.4 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -0.2  | 0.1  | -0.3 |
|     |   |            | acc                                              | I   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            | Length = 2      Type: Beam      Section: soletta |     |     |       |       |      |      |
| 426 | 2 | 3 c mobili | Max                                              | I   | 0.0 | 0.0   | 4.6   | 1.6  | 3.7  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 4.6   | 1.6  | 4.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 4.6   | 1.6  | 5.8  |
|     |   |            | Min                                              | I   | 0.0 | 0.0   | -11.3 | -1.1 | -5.4 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -11.3 | -1.1 | -4.0 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -11.3 | -1.1 | -3.6 |
|     |   |            | PP                                               | I   | 0.0 | 0.0   | 0.3   | -0.1 | 0.1  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.3   | -0.1 | 0.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.3   | -0.1 | -0.1 |
|     |   |            | perm                                             | I   | 0.0 | 0.0   | -0.2  | 0.1  | -0.5 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -0.2  | 0.1  | -0.4 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -0.2  | 0.1  | -0.4 |
|     |   |            | acc                                              | I   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            | Length = 2      Type: Beam      Section: soletta |     |     |       |       |      |      |
| 427 | 2 | 3 c mobili | Max                                              | I   | 0.0 | 0.0   | 5.2   | 1.6  | 4.2  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 5.2   | 1.6  | 4.6  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 5.2   | 1.6  | 6.4  |
|     |   |            | Min                                              | I   | 0.0 | 0.0   | -12.2 | -1.1 | -6.0 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -12.2 | -1.1 | -4.4 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -12.2 | -1.1 | -4.0 |
|     |   |            | PP                                               | I   | 0.0 | 0.0   | 0.3   | -0.1 | 0.2  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.3   | -0.1 | 0.1  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.3   | -0.1 | -0.0 |
|     |   |            | perm                                             | I   | 0.0 | 0.0   | -0.3  | 0.1  | -0.6 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -0.3  | 0.1  | -0.5 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -0.3  | 0.1  | -0.4 |
|     |   |            | acc                                              | I   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            | Length = 2      Type: Beam      Section: soletta |     |     |       |       |      |      |
| 428 | 2 | 3 c mobili | Max                                              | I   | 0.0 | 0.0   | 5.7   | 1.5  | 4.7  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 5.7   | 1.5  | 5.1  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 5.7   | 1.5  | 6.9  |
|     |   |            | Min                                              | I   | 0.0 | 0.0   | -13.0 | -1.0 | -6.6 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -13.0 | -1.0 | -4.8 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -13.0 | -1.0 | -4.4 |
|     |   |            | PP                                               | I   | 0.0 | 0.0   | 0.3   | -0.1 | 0.2  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.3   | -0.1 | 0.1  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.3   | -0.1 | -0.0 |
|     |   |            | perm                                             | I   | 0.0 | 0.0   | -0.4  | 0.1  | -0.7 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -0.4  | 0.1  | -0.6 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -0.4  | 0.1  | -0.4 |
|     |   |            | acc                                              | I   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            | Length = 2      Type: Beam      Section: soletta |     |     |       |       |      |      |
| 429 | 2 | 3 c mobili | Max                                              | I   | 0.0 | 0.0   | 6.2   | 1.5  | 5.2  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 6.2   | 1.5  | 5.6  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 6.2   | 1.5  | 7.4  |
|     |   |            | Min                                              | I   | 0.0 | 0.0   | -13.7 | -1.0 | -7.1 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -13.7 | -1.0 | -5.1 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -13.7 | -1.0 | -4.6 |
|     |   |            | PP                                               | I   | 0.0 | 0.0   | 0.3   | -0.1 | 0.2  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.3   | -0.1 | 0.1  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.3   | -0.1 | -0.0 |
|     |   |            | perm                                             | I   | 0.0 | 0.0   | -0.5  | 0.1  | -0.7 |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | -0.5  | 0.1  | -0.6 |
|     |   |            |                                                  | J   | 0.0 | 0.0   | -0.5  | 0.1  | -0.5 |
|     |   |            | acc                                              | I   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | CNT | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            |                                                  | J   | 0.0 | 0.0   | 0.0   | 0.0  | 0.0  |
|     |   |            | Length = 2      Type: Beam      Section: soletta |     |     |       |       |      |      |



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|                                        |     |                |                                        |     |                |       |       |      |       |       |      |      |     |
|----------------------------------------|-----|----------------|----------------------------------------|-----|----------------|-------|-------|------|-------|-------|------|------|-----|
| 430                                    | 2   | 3 c mobili Max | I                                      | 0.0 | 0.0            | 6.6   | 1.4   | 5.6  | 0.0   |       |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | 6.6   | 1.4   | 6.0  | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | 6.6   | 1.4   | 7.8  | 0.0   |       |      |      |     |
|                                        |     |                | Min                                    | I   | 0.0            | 0.0   | -14.3 | -0.9 | -7.6  | 0.0   |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | -14.3 | -0.9  | -5.4 | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | -14.3 | -0.9  | -4.9 | 0.0   |       |      |      |     |
|                                        |     |                | PP                                     | I   | 0.0            | 0.0   | 0.3   | -0.1 | 0.2   | 0.0   |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | 0.3   | -0.1  | 0.1  | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | 0.3   | -0.1  | 0.0  | 0.0   |       |      |      |     |
|                                        |     |                | perm                                   | I   | 0.0            | 0.0   | -0.5  | 0.1  | -0.8  | 0.0   |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | -0.5  | 0.1   | -0.7 | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | -0.5  | 0.1   | -0.5 | 0.0   |       |      |      |     |
|                                        |     |                | acc                                    | I   | 0.0            | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
|                                        |     |                | Length = 2 Type: Beam Section: soletta |     |                |       |       |      |       |       |      |      |     |
|                                        |     |                | 431                                    | 2   | 3 c mobili Max | I     | 0.0   | 0.0  | 6.9   | 1.3   | 5.9  | 0.0  |     |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 6.9   | 1.3   | 6.4  | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | 6.9   | 1.3   | 8.2  | 0.0  |     |
|                                        |     |                |                                        |     |                | Min   | I     | 0.0  | 0.0   | -14.9 | -0.9 | -8.0 | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | -14.9 | -0.9  | -5.7 | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | -14.9 | -0.9  | -5.1 | 0.0  |     |
|                                        |     |                |                                        |     |                | PP    | I     | 0.0  | 0.0   | 0.3   | -0.1 | 0.2  | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 0.3   | -0.1  | 0.1  | 0.0  |     |
| J                                      | 0.0 | 0.0            |                                        |     |                | 0.3   | -0.1  | 0.0  | 0.0   |       |      |      |     |
| perm                                   | I   | 0.0            |                                        |     |                | 0.0   | -0.6  | 0.1  | -0.9  | 0.0   |      |      |     |
| CNT                                    | 0.0 | 0.0            |                                        |     |                | -0.6  | 0.1   | -0.7 | 0.0   |       |      |      |     |
| J                                      | 0.0 | 0.0            |                                        |     |                | -0.6  | 0.1   | -0.5 | 0.0   |       |      |      |     |
| acc                                    | I   | 0.0            |                                        |     |                | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |      |      |     |
| CNT                                    | 0.0 | 0.0            |                                        |     |                | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
| J                                      | 0.0 | 0.0            |                                        |     |                | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
| Length = 2 Type: Beam Section: soletta |     |                |                                        |     |                |       |       |      |       |       |      |      |     |
| 432                                    | 2   | 3 c mobili Max |                                        |     |                | I     | 0.0   | 0.0  | 7.1   | 1.2   | 6.3  | 0.0  |     |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 7.1   | 1.2   | 6.7  | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | 7.1   | 1.2   | 8.5  | 0.0  |     |
|                                        |     |                |                                        |     |                | Min   | I     | 0.0  | 0.0   | -15.3 | -0.8 | -8.4 | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | -15.3 | -0.8  | -5.9 | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | -15.3 | -0.8  | -5.2 | 0.0  |     |
|                                        |     |                |                                        |     |                | PP    | I     | 0.0  | 0.0   | 0.4   | -0.1 | 0.2  | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 0.4   | -0.1  | 0.1  | 0.0  |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | 0.4   | -0.1  | 0.0  | 0.0   |       |      |      |     |
|                                        |     |                | perm                                   | I   | 0.0            | 0.0   | -0.6  | 0.1  | -0.9  | 0.0   |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | -0.6  | 0.1   | -0.8 | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | -0.6  | 0.1   | -0.6 | 0.0   |       |      |      |     |
|                                        |     |                | acc                                    | I   | 0.0            | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
|                                        |     |                | Length = 2 Type: Beam Section: soletta |     |                |       |       |      |       |       |      |      |     |
|                                        |     |                | 433                                    | 2   | 3 c mobili Max | I     | 0.0   | 0.0  | 7.4   | 1.2   | 6.5  | 0.0  |     |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 7.4   | 1.2   | 7.0  | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | 7.4   | 1.2   | 8.8  | 0.0  |     |
|                                        |     |                |                                        |     |                | Min   | I     | 0.0  | 0.0   | -15.7 | -0.8 | -8.7 | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | -15.7 | -0.8  | -6.1 | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | -15.7 | -0.8  | -5.4 | 0.0  |     |
|                                        |     |                |                                        |     |                | PP    | I     | 0.0  | 0.0   | 0.4   | -0.0 | 0.3  | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 0.4   | -0.0  | 0.2  | 0.0  |     |
| J                                      | 0.0 | 0.0            |                                        |     |                | 0.4   | -0.0  | 0.0  | 0.0   |       |      |      |     |
| perm                                   | I   | 0.0            |                                        |     |                | 0.0   | -0.7  | 0.1  | -1.0  | 0.0   |      |      |     |
| CNT                                    | 0.0 | 0.0            |                                        |     |                | -0.7  | 0.1   | -0.8 | 0.0   |       |      |      |     |
| J                                      | 0.0 | 0.0            |                                        |     |                | -0.7  | 0.1   | -0.6 | 0.0   |       |      |      |     |
| acc                                    | I   | 0.0            |                                        |     |                | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |      |      |     |
| CNT                                    | 0.0 | 0.0            |                                        |     |                | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
| J                                      | 0.0 | 0.0            |                                        |     |                | 0.0   | 0.0   | 0.0  | 0.0   |       |      |      |     |
| Length = 2 Type: Beam Section: soletta |     |                |                                        |     |                |       |       |      |       |       |      |      |     |
| 434                                    | 2   | 3 c mobili Max |                                        |     |                | I     | 0.0   | 0.0  | 7.6   | 1.1   | 6.8  | 0.0  |     |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 7.6   | 1.1   | 7.3  | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | 7.6   | 1.1   | 9.1  | 0.0  |     |
|                                        |     |                |                                        |     |                | Min   | I     | 0.0  | 0.0   | -16.1 | -0.7 | -9.0 | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | -16.1 | -0.7  | -6.3 | 0.0  |     |
|                                        |     |                |                                        |     |                | J     | 0.0   | 0.0  | -16.1 | -0.7  | -5.5 | 0.0  |     |
|                                        |     |                |                                        |     |                | PP    | I     | 0.0  | 0.0   | 0.4   | -0.0 | 0.3  | 0.0 |
|                                        |     |                |                                        |     |                | CNT   | 0.0   | 0.0  | 0.4   | -0.0  | 0.2  | 0.0  |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | 0.4   | -0.0  | 0.1  | 0.0   |       |      |      |     |
|                                        |     |                | perm                                   | I   | 0.0            | 0.0   | -0.7  | 0.1  | -1.0  | 0.0   |      |      |     |
|                                        |     |                | CNT                                    | 0.0 | 0.0            | -0.7  | 0.1   | -0.8 | 0.0   |       |      |      |     |
|                                        |     |                | J                                      | 0.0 | 0.0            | -0.7  | 0.1   | -0.6 | 0.0   |       |      |      |     |
|                                        |     |                | acc                                    | I   | 0.0            | 0.0   | 0.0   | 0.0  | 0.0   | 0.0   |      |      |     |

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|     |            |                |                  |     |     |       |      |      |     |     |
|-----|------------|----------------|------------------|-----|-----|-------|------|------|-----|-----|
|     |            |                |                  | CNT | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|     |            |                |                  | J   | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |     |
| 435 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 7.7   | 1.0  | 7.0  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 7.7   | 1.0  | 7.5  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 7.7   | 1.0  | 9.3  | 0.0 |     |
|     |            | Min            | I                | 0.0 | 0.0 | -16.4 | -0.7 | -9.2 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -16.4 | -0.7 | -6.5 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -16.4 | -0.7 | -5.6 | 0.0 |     |
|     |            | PP             | I                | 0.0 | 0.0 | 0.4   | -0.0 | 0.3  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.4   | -0.0 | 0.2  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.4   | -0.0 | 0.1  | 0.0 |     |
|     |            | perm           | I                | 0.0 | 0.0 | -0.7  | 0.1  | -1.1 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -0.7  | 0.1  | -0.9 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -0.7  | 0.1  | -0.6 | 0.0 |     |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |     |
| 436 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 7.9   | 0.9  | 7.1  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 7.9   | 0.9  | 7.7  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 7.9   | 0.9  | 9.5  | 0.0 |     |
|     |            | Min            | I                | 0.0 | 0.0 | -16.6 | -0.6 | -9.4 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -16.6 | -0.6 | -6.6 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -16.6 | -0.6 | -5.6 | 0.0 |     |
|     |            | PP             | I                | 0.0 | 0.0 | 0.4   | -0.0 | 0.3  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.4   | -0.0 | 0.2  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.4   | -0.0 | 0.1  | 0.0 |     |
|     |            | perm           | I                | 0.0 | 0.0 | -0.8  | 0.1  | -1.1 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -0.8  | 0.1  | -0.9 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -0.8  | 0.1  | -0.7 | 0.0 |     |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |     |
| 437 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 8.0   | 0.8  | 7.3  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 8.0   | 0.8  | 7.8  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 8.0   | 0.8  | 9.6  | 0.0 |     |
|     |            | Min            | I                | 0.0 | 0.0 | -16.8 | -0.6 | -9.6 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -16.8 | -0.6 | -6.7 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -16.8 | -0.6 | -5.7 | 0.0 |     |
|     |            | PP             | I                | 0.0 | 0.0 | 0.4   | -0.0 | 0.3  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.4   | -0.0 | 0.2  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.4   | -0.0 | 0.1  | 0.0 |     |
|     |            | perm           | I                | 0.0 | 0.0 | -0.8  | 0.0  | -1.1 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -0.8  | 0.0  | -0.9 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -0.8  | 0.0  | -0.7 | 0.0 |     |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |     |
| 438 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 8.0   | 0.8  | 7.4  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 8.0   | 0.8  | 7.9  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 8.0   | 0.8  | 9.8  | 0.0 |     |
|     |            | Min            | I                | 0.0 | 0.0 | -17.0 | -0.5 | -9.7 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -17.0 | -0.5 | -6.8 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -17.0 | -0.5 | -5.8 | 0.0 |     |
|     |            | PP             | I                | 0.0 | 0.0 | 0.4   | -0.0 | 0.3  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.4   | -0.0 | 0.2  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.4   | -0.0 | 0.1  | 0.0 |     |
|     |            | perm           | I                | 0.0 | 0.0 | -0.8  | 0.0  | -1.2 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -0.8  | 0.0  | -0.9 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -0.8  | 0.0  | -0.7 | 0.0 |     |
|     |            | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 | Type: Beam     | Section: soletta |     |     |       |      |      |     |     |
| 439 | 2          | 3 c mobili Max | I                | 0.0 | 0.0 | 8.1   | 0.7  | 7.4  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 8.1   | 0.7  | 8.0  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 8.1   | 0.7  | 9.9  | 0.0 |     |
|     |            | Min            | I                | 0.0 | 0.0 | -17.1 | -0.5 | -9.8 | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | -17.1 | -0.5 | -6.8 | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | -17.1 | -0.5 | -5.9 | 0.0 |     |
|     |            | PP             | I                | 0.0 | 0.0 | 0.4   | -0.0 | 0.3  | 0.0 |     |
|     |            |                | CNT              | 0.0 | 0.0 | 0.4   | -0.0 | 0.2  | 0.0 |     |
|     |            |                | J                | 0.0 | 0.0 | 0.4   | -0.0 | 0.1  | 0.0 |     |

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|     |   |                |            |                  |     |       |      |      |      |     |
|-----|---|----------------|------------|------------------|-----|-------|------|------|------|-----|
|     |   |                | perm       | I                | 0.0 | 0.0   | -0.8 | 0.0  | -1.2 | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | -0.8 | 0.0  | -0.9 | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | -0.8 | 0.0  | -0.7 | 0.0 |
|     |   |                | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2     | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 440 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 8.2   | 0.6  | 7.5  | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 8.2   | 0.6  | 8.0  | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 8.2   | 0.6  | 9.9  | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | -17.2 | -0.5 | -9.9 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | -17.2 | -0.5 | -6.9 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | -17.2 | -0.5 | -5.9 | 0.0  | 0.0 |
|     |   |                | PP         | I                | 0.0 | 0.0   | 0.4  | -0.0 | 0.3  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.4  | -0.0 | 0.2  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.4  | -0.0 | 0.1  | 0.0 |
|     |   |                | perm       | I                | 0.0 | 0.0   | -0.8 | 0.0  | -1.2 | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | -0.8 | 0.0  | -1.0 | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | -0.8 | 0.0  | -0.7 | 0.0 |
|     |   |                | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2     | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 441 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 8.2   | 0.6  | 7.5  | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 8.2   | 0.6  | 8.1  | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 8.2   | 0.6  | 9.9  | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | -17.2 | -0.5 | -9.9 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | -17.2 | -0.5 | -6.9 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | -17.2 | -0.5 | -6.0 | 0.0  | 0.0 |
|     |   |                | PP         | I                | 0.0 | 0.0   | 0.4  | -0.0 | 0.3  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.4  | -0.0 | 0.2  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.4  | -0.0 | 0.1  | 0.0 |
|     |   |                | perm       | I                | 0.0 | 0.0   | -0.8 | 0.0  | -1.2 | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | -0.8 | 0.0  | -1.0 | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | -0.8 | 0.0  | -0.7 | 0.0 |
|     |   |                | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2     | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 442 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 8.2   | 0.5  | 7.4  | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 8.2   | 0.5  | 8.1  | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 8.2   | 0.5  | 9.9  | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | -17.2 | -0.5 | -9.9 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | -17.2 | -0.5 | -6.9 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | -17.2 | -0.5 | -6.0 | 0.0  | 0.0 |
|     |   |                | PP         | I                | 0.0 | 0.0   | 0.4  | 0.0  | 0.3  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.4  | 0.0  | 0.2  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.4  | 0.0  | 0.1  | 0.0 |
|     |   |                | perm       | I                | 0.0 | 0.0   | -0.8 | 0.0  | -1.2 | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | -0.8 | 0.0  | -1.0 | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | -0.8 | 0.0  | -0.7 | 0.0 |
|     |   |                | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2     | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 443 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 8.2   | 0.5  | 7.5  | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 8.2   | 0.5  | 8.1  | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 8.2   | 0.5  | 9.9  | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | -17.2 | -0.6 | -9.9 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | -17.2 | -0.6 | -6.9 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | -17.2 | -0.6 | -6.0 | 0.0  | 0.0 |
|     |   |                | PP         | I                | 0.0 | 0.0   | 0.4  | 0.0  | 0.3  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.4  | 0.0  | 0.2  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.4  | 0.0  | 0.1  | 0.0 |
|     |   |                | perm       | I                | 0.0 | 0.0   | -0.8 | -0.0 | -1.2 | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | -0.8 | -0.0 | -1.0 | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | -0.8 | -0.0 | -0.7 | 0.0 |
|     |   |                | acc        | I                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | CNT              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   |                |            | J                | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2     | Type: Beam | Section: soletta |     |       |      |      |      |     |
| 444 | 2 | 3 c mobili Max | I          | 0.0              | 0.0 | 8.2   | 0.5  | 7.5  | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | 8.2   | 0.5  | 8.0  | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | 8.2   | 0.5  | 9.9  | 0.0  | 0.0 |
|     |   | Min            | I          | 0.0              | 0.0 | -17.2 | -0.6 | -9.9 | 0.0  | 0.0 |
|     |   |                | CNT        | 0.0              | 0.0 | -17.2 | -0.6 | -6.9 | 0.0  | 0.0 |
|     |   |                | J          | 0.0              | 0.0 | -17.2 | -0.6 | -5.9 | 0.0  | 0.0 |

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|            |   |            |      |            |                  |     |       |      |      |     |
|------------|---|------------|------|------------|------------------|-----|-------|------|------|-----|
|            |   |            | pp   | I          | 0.0              | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.4   | 0.0  | 0.1  | 0.0 |
|            |   |            | perm | I          | 0.0              | 0.0 | -0.8  | -0.0 | -1.2 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -0.8  | -0.0 | -1.0 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -0.8  | -0.0 | -0.7 | 0.0 |
|            |   |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |            |      | Type: Beam | Section: soletta |     |       |      |      |     |
| 445        | 2 | 3 c mobili | Max  | I          | 0.0              | 0.0 | 8.1   | 0.5  | 7.4  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 8.1   | 0.5  | 8.0  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 8.1   | 0.5  | 9.9  | 0.0 |
|            |   |            | Min  | I          | 0.0              | 0.0 | -17.1 | -0.7 | -9.8 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -17.1 | -0.7 | -6.8 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -17.1 | -0.7 | -5.9 | 0.0 |
|            |   |            | pp   | I          | 0.0              | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.4   | 0.0  | 0.1  | 0.0 |
|            |   |            | perm | I          | 0.0              | 0.0 | -0.8  | -0.0 | -1.2 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -0.8  | -0.0 | -0.9 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -0.8  | -0.0 | -0.7 | 0.0 |
|            |   |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |            |      | Type: Beam | Section: soletta |     |       |      |      |     |
| 446        | 2 | 3 c mobili | Max  | I          | 0.0              | 0.0 | 8.0   | 0.5  | 7.4  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 8.0   | 0.5  | 7.9  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 8.0   | 0.5  | 9.8  | 0.0 |
|            |   |            | Min  | I          | 0.0              | 0.0 | -17.0 | -0.8 | -9.7 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -17.0 | -0.8 | -6.8 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -17.0 | -0.8 | -5.8 | 0.0 |
|            |   |            | pp   | I          | 0.0              | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.4   | 0.0  | 0.1  | 0.0 |
|            |   |            | perm | I          | 0.0              | 0.0 | -0.8  | -0.0 | -1.2 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -0.8  | -0.0 | -0.9 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -0.8  | -0.0 | -0.7 | 0.0 |
|            |   |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |            |      | Type: Beam | Section: soletta |     |       |      |      |     |
| 447        | 2 | 3 c mobili | Max  | I          | 0.0              | 0.0 | 8.0   | 0.6  | 7.3  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 8.0   | 0.6  | 7.8  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 8.0   | 0.6  | 9.6  | 0.0 |
|            |   |            | Min  | I          | 0.0              | 0.0 | -16.8 | -0.8 | -9.6 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -16.8 | -0.8 | -6.7 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -16.8 | -0.8 | -5.7 | 0.0 |
|            |   |            | pp   | I          | 0.0              | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.4   | 0.0  | 0.1  | 0.0 |
|            |   |            | perm | I          | 0.0              | 0.0 | -0.8  | -0.0 | -1.1 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -0.8  | -0.0 | -0.9 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -0.8  | -0.0 | -0.7 | 0.0 |
|            |   |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |            |      | Type: Beam | Section: soletta |     |       |      |      |     |
| 448        | 2 | 3 c mobili | Max  | I          | 0.0              | 0.0 | 7.9   | 0.6  | 7.1  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 7.9   | 0.6  | 7.7  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 7.9   | 0.6  | 9.5  | 0.0 |
|            |   |            | Min  | I          | 0.0              | 0.0 | -16.6 | -0.9 | -9.4 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -16.6 | -0.9 | -6.6 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -16.6 | -0.9 | -5.6 | 0.0 |
|            |   |            | pp   | I          | 0.0              | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.4   | 0.0  | 0.1  | 0.0 |
|            |   |            | perm | I          | 0.0              | 0.0 | -0.8  | -0.1 | -1.1 | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | -0.8  | -0.1 | -0.9 | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | -0.8  | -0.1 | -0.7 | 0.0 |
|            |   |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   |            |      | Type: Beam | Section: soletta |     |       |      |      |     |
| 449        | 2 | 3 c mobili | Max  | I          | 0.0              | 0.0 | 7.7   | 0.7  | 7.0  | 0.0 |

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|            |   |                |                  |     |     |       |      |      |     |
|------------|---|----------------|------------------|-----|-----|-------|------|------|-----|
|            |   |                | CNT              | 0.0 | 0.0 | 7.7   | 0.7  | 7.5  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 7.7   | 0.7  | 9.3  | 0.0 |
|            |   | Min            | I                | 0.0 | 0.0 | -16.4 | -1.0 | -9.2 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -16.4 | -1.0 | -6.5 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -16.4 | -1.0 | -5.6 | 0.0 |
|            |   | PP             | I                | 0.0 | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.4   | 0.0  | 0.1  | 0.0 |
|            |   | perm           | I                | 0.0 | 0.0 | -0.7  | -0.1 | -1.1 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -0.7  | -0.1 | -0.9 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -0.7  | -0.1 | -0.6 | 0.0 |
|            |   | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 450        | 2 | 3 c mobili Max | I                | 0.0 | 0.0 | 7.6   | 0.7  | 6.8  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 7.6   | 0.7  | 7.3  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 7.6   | 0.7  | 9.1  | 0.0 |
|            |   | Min            | I                | 0.0 | 0.0 | -16.1 | -1.1 | -9.0 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -16.1 | -1.1 | -6.3 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -16.1 | -1.1 | -5.5 | 0.0 |
|            |   | PP             | I                | 0.0 | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.4   | 0.0  | 0.1  | 0.0 |
|            |   | perm           | I                | 0.0 | 0.0 | -0.7  | -0.1 | -1.0 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -0.7  | -0.1 | -0.8 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -0.7  | -0.1 | -0.6 | 0.0 |
|            |   | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 451        | 2 | 3 c mobili Max | I                | 0.0 | 0.0 | 7.4   | 0.8  | 6.5  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 7.4   | 0.8  | 7.0  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 7.4   | 0.8  | 8.8  | 0.0 |
|            |   | Min            | I                | 0.0 | 0.0 | -15.7 | -1.2 | -8.7 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -15.7 | -1.2 | -6.1 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -15.7 | -1.2 | -5.4 | 0.0 |
|            |   | PP             | I                | 0.0 | 0.0 | 0.4   | 0.0  | 0.3  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.4   | 0.0  | 0.2  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.4   | 0.0  | 0.0  | 0.0 |
|            |   | perm           | I                | 0.0 | 0.0 | -0.7  | -0.1 | -1.0 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -0.7  | -0.1 | -0.8 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -0.7  | -0.1 | -0.6 | 0.0 |
|            |   | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 452        | 2 | 3 c mobili Max | I                | 0.0 | 0.0 | 7.1   | 0.8  | 6.3  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 7.1   | 0.8  | 6.7  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 7.1   | 0.8  | 8.5  | 0.0 |
|            |   | Min            | I                | 0.0 | 0.0 | -15.3 | -1.2 | -8.4 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -15.3 | -1.2 | -5.9 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -15.3 | -1.2 | -5.2 | 0.0 |
|            |   | PP             | I                | 0.0 | 0.0 | 0.4   | 0.1  | 0.2  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.4   | 0.1  | 0.1  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.4   | 0.1  | 0.0  | 0.0 |
|            |   | perm           | I                | 0.0 | 0.0 | -0.6  | -0.1 | -0.9 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -0.6  | -0.1 | -0.8 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -0.6  | -0.1 | -0.6 | 0.0 |
|            |   | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
| Length = 2 |   | Type: Beam     | Section: soletta |     |     |       |      |      |     |
| 453        | 2 | 3 c mobili Max | I                | 0.0 | 0.0 | 6.9   | 0.9  | 5.9  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 6.9   | 0.9  | 6.4  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 6.9   | 0.9  | 8.2  | 0.0 |
|            |   | Min            | I                | 0.0 | 0.0 | -14.9 | -1.3 | -8.0 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -14.9 | -1.3 | -5.7 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -14.9 | -1.3 | -5.1 | 0.0 |
|            |   | PP             | I                | 0.0 | 0.0 | 0.3   | 0.1  | 0.2  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.3   | 0.1  | 0.1  | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | 0.3   | 0.1  | 0.0  | 0.0 |
|            |   | perm           | I                | 0.0 | 0.0 | -0.6  | -0.1 | -0.9 | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | -0.6  | -0.1 | -0.7 | 0.0 |
|            |   |                | J                | 0.0 | 0.0 | -0.6  | -0.1 | -0.5 | 0.0 |
|            |   | acc            | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|            |   |                | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |

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|     |            |            |      |            |                  |     |       |      |      |     |     |
|-----|------------|------------|------|------------|------------------|-----|-------|------|------|-----|-----|
|     |            |            | J    | 0.0        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 |            |      | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 454 | 2          | 3 c mobili | Max  | I          | 0.0              | 0.0 | 6.6   | 0.9  | 5.6  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 6.6   | 0.9  | 6.0  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 6.6   | 0.9  | 7.8  | 0.0 |     |
|     |            |            | Min  | I          | 0.0              | 0.0 | -14.3 | -1.4 | -7.6 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -14.3 | -1.4 | -5.4 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -14.3 | -1.4 | -4.9 | 0.0 |     |
|     |            |            |      | PP         | I                | 0.0 | 0.0   | 0.3  | 0.1  | 0.2 | 0.0 |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.3   | 0.1  | 0.1  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.3   | 0.1  | 0.0  | 0.0 |     |
|     |            |            | perm | I          | 0.0              | 0.0 | -0.5  | -0.1 | -0.8 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -0.5  | -0.1 | -0.7 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -0.5  | -0.1 | -0.5 | 0.0 |     |
|     |            |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 |            |      | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 455 | 2          | 3 c mobili | Max  | I          | 0.0              | 0.0 | 6.2   | 1.0  | 5.2  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 6.2   | 1.0  | 5.6  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 6.2   | 1.0  | 7.4  | 0.0 |     |
|     |            |            | Min  | I          | 0.0              | 0.0 | -13.7 | -1.5 | -7.1 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -13.7 | -1.5 | -5.1 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -13.7 | -1.5 | -4.6 | 0.0 |     |
|     |            |            |      | PP         | I                | 0.0 | 0.0   | 0.3  | 0.1  | 0.2 | 0.0 |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.3   | 0.1  | 0.1  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.3   | 0.1  | -0.0 | 0.0 |     |
|     |            |            | perm | I          | 0.0              | 0.0 | -0.5  | -0.1 | -0.7 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -0.5  | -0.1 | -0.6 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -0.5  | -0.1 | -0.5 | 0.0 |     |
|     |            |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 |            |      | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 456 | 2          | 3 c mobili | Max  | I          | 0.0              | 0.0 | 5.7   | 1.0  | 4.7  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 5.7   | 1.0  | 5.1  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 5.7   | 1.0  | 6.9  | 0.0 |     |
|     |            |            | Min  | I          | 0.0              | 0.0 | -13.0 | -1.5 | -6.6 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -13.0 | -1.5 | -4.8 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -13.0 | -1.5 | -4.4 | 0.0 |     |
|     |            |            |      | PP         | I                | 0.0 | 0.0   | 0.3  | 0.1  | 0.2 | 0.0 |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.3   | 0.1  | 0.1  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.3   | 0.1  | -0.0 | 0.0 |     |
|     |            |            | perm | I          | 0.0              | 0.0 | -0.4  | -0.1 | -0.7 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -0.4  | -0.1 | -0.6 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -0.4  | -0.1 | -0.4 | 0.0 |     |
|     |            |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 |            |      | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 457 | 2          | 3 c mobili | Max  | I          | 0.0              | 0.0 | 5.2   | 1.1  | 4.2  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 5.2   | 1.1  | 4.6  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 5.2   | 1.1  | 6.4  | 0.0 |     |
|     |            |            | Min  | I          | 0.0              | 0.0 | -12.2 | -1.6 | -6.0 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -12.2 | -1.6 | -4.4 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -12.2 | -1.6 | -4.0 | 0.0 |     |
|     |            |            |      | PP         | I                | 0.0 | 0.0   | 0.3  | 0.1  | 0.2 | 0.0 |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.3   | 0.1  | 0.1  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.3   | 0.1  | -0.0 | 0.0 |     |
|     |            |            | perm | I          | 0.0              | 0.0 | -0.3  | -0.1 | -0.6 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -0.3  | -0.1 | -0.5 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -0.3  | -0.1 | -0.4 | 0.0 |     |
|     |            |            | acc  | I          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2 |            |      | Type: Beam | Section: soletta |     |       |      |      |     |     |
| 458 | 2          | 3 c mobili | Max  | I          | 0.0              | 0.0 | 4.6   | 1.1  | 3.7  | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | 4.6   | 1.1  | 4.0  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 4.6   | 1.1  | 5.8  | 0.0 |     |
|     |            |            | Min  | I          | 0.0              | 0.0 | -11.3 | -1.6 | -5.4 | 0.0 |     |
|     |            |            |      | CNT        | 0.0              | 0.0 | -11.3 | -1.6 | -4.0 | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | -11.3 | -1.6 | -3.6 | 0.0 |     |
|     |            |            |      | PP         | I                | 0.0 | 0.0   | 0.3  | 0.1  | 0.1 | 0.0 |
|     |            |            |      | CNT        | 0.0              | 0.0 | 0.3   | 0.1  | 0.0  | 0.0 |     |
|     |            |            |      | J          | 0.0              | 0.0 | 0.3   | 0.1  | -0.1 | 0.0 |     |
|     |            |            | perm | I          | 0.0              | 0.0 | -0.2  | -0.1 | -0.5 | 0.0 |     |

|     |            |            |                  |     |     |       |      |      |     |
|-----|------------|------------|------------------|-----|-----|-------|------|------|-----|
|     |            |            | CNT              | 0.0 | 0.0 | -0.2  | -0.1 | -0.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.2  | -0.1 | -0.4 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 459 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.8   | 1.1  | 3.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.8   | 1.1  | 3.4  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.8   | 1.1  | 5.2  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -10.3 | -1.7 | -4.7 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -10.3 | -1.7 | -3.6 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -10.3 | -1.7 | -3.2 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.4   | 0.1  | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.4   | 0.1  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.4   | 0.1  | -0.1 | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.2  | -0.1 | -0.4 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.2  | -0.1 | -0.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.2  | -0.1 | -0.3 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 460 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.0   | 1.2  | 2.6  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.0   | 1.2  | 2.8  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.0   | 1.2  | 4.6  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -9.7  | -1.7 | -4.1 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.7  | -1.7 | -3.1 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.7  | -1.7 | -2.7 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.4   | 0.1  | 0.1  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.4   | 0.1  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.4   | 0.1  | -0.1 | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | -0.1  | -0.1 | -0.3 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -0.1  | -0.1 | -0.3 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -0.1  | -0.1 | -0.3 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 461 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 2.1   | 1.2  | 2.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 2.1   | 1.2  | 2.2  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 2.1   | 1.2  | 4.0  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -9.0  | -1.7 | -3.5 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.0  | -1.7 | -2.5 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.0  | -1.7 | -2.3 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.5   | 0.1  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.5   | 0.1  | -0.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.5   | 0.1  | -0.2 | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.1   | -0.1 | -0.2 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.1   | -0.1 | -0.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.1   | -0.1 | -0.2 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 462 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 3.1   | 1.2  | 1.4  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 3.1   | 1.2  | 1.6  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 3.1   | 1.2  | 3.6  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -8.5  | -1.7 | -2.7 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -8.5  | -1.7 | -2.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -8.5  | -1.7 | -2.4 | 0.0 |
|     |            | pp         | I                | 0.0 | 0.0 | 0.7   | 0.1  | 0.2  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.7   | 0.1  | -0.0 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.7   | 0.1  | -0.2 | 0.0 |
|     |            | perm       | I                | 0.0 | 0.0 | 0.2   | -0.1 | -0.1 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.2   | -0.1 | -0.2 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.2   | -0.1 | -0.2 | 0.0 |
|     |            | acc        | I                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 0.0   | 0.0  | 0.0  | 0.0 |
|     | Length = 2 | Type: Beam | Section: soletta |     |     |       |      |      |     |
| 463 | 2          | 3 c mobili | Max I            | 0.0 | 0.0 | 5.6   | 1.2  | 1.3  | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | 5.6   | 1.2  | 0.9  | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | 5.6   | 1.2  | 3.3  | 0.0 |
|     |            | Min        | I                | 0.0 | 0.0 | -9.4  | -1.7 | -2.6 | 0.0 |
|     |            |            | CNT              | 0.0 | 0.0 | -9.4  | -1.7 | -1.4 | 0.0 |
|     |            |            | J                | 0.0 | 0.0 | -9.4  | -1.7 | -2.6 | 0.0 |

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|     |              |            |                       |     |     |     |        |        |       |     |
|-----|--------------|------------|-----------------------|-----|-----|-----|--------|--------|-------|-----|
|     |              |            | PP                    | I   | 0.0 | 0.0 | 0.9    | 0.1    | 0.2   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.9    | 0.1    | -0.0  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.9    | 0.1    | -0.3  | 0.0 |
|     |              |            | perm                  | I   | 0.0 | 0.0 | 0.4    | -0.1   | 0.0   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.4    | -0.1   | -0.1  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.4    | -0.1   | -0.2  | 0.0 |
|     |              |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 2   | Type: Beam | Section: soletta      |     |     |     |        |        |       |     |
| 464 | 2            | 3 c mobili | Max                   | I   | 0.0 | 0.0 | 11.3   | 1.2    | 2.8   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 11.3   | 1.2    | 0.4   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 11.3   | 1.2    | 3.4   | 0.0 |
|     |              |            | Min                   | I   | 0.0 | 0.0 | -11.2  | -1.7   | -3.5  | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -11.2  | -1.7   | -0.8  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | -11.2  | -1.7   | -4.0  | 0.0 |
|     |              |            | PP                    | I   | 0.0 | 0.0 | 1.3    | 0.1    | 0.3   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 1.3    | 0.1    | -0.1  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 1.3    | 0.1    | -0.4  | 0.0 |
|     |              |            | perm                  | I   | 0.0 | 0.0 | 0.8    | -0.1   | 0.2   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.8    | -0.1   | -0.0  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.8    | -0.1   | -0.3  | 0.0 |
|     |              |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 2   | Type: Beam | Section: soletta      |     |     |     |        |        |       |     |
| 465 | 2            | 4 c mobili | Max                   | I   | 0.0 | 0.0 | 129.1  | 19.4   | 65.9  | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 129.1  | 19.4   | 37.8  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 129.1  | 19.4   | 48.9  | 0.0 |
|     |              |            | Min                   | I   | 0.0 | 0.0 | -100.9 | -28.6  | -65.2 | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -100.9 | -28.6  | -55.4 | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | -100.9 | -28.6  | -65.5 | 0.0 |
|     |              |            | PP                    | I   | 0.0 | 0.0 | -6.6   | 1.8    | -12.7 | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -6.6   | 1.8    | -10.7 | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | -6.6   | 1.8    | -8.7  | 0.0 |
|     |              |            | perm                  | I   | 0.0 | 0.0 | 12.3   | -2.2   | 8.1   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 12.3   | -2.2   | 4.4   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 12.3   | -2.2   | 0.7   | 0.0 |
|     |              |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 2   | Type: Beam | Section: traverso cap |     |     |     |        |        |       |     |
| 466 | 1            | 1 c mobili | Max                   | I   | 0.0 | 0.0 | 159.6  | 142.7  | 19.4  | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 159.6  | 142.7  | 33.8  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 159.6  | 142.7  | 49.8  | 0.0 |
|     |              |            | Min                   | I   | 0.0 | 0.0 | -66.2  | -234.4 | -28.6 | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -66.2  | -234.4 | -45.5 | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | -66.2  | -234.4 | -81.6 | 0.0 |
|     |              |            | PP                    | I   | 0.0 | 0.0 | 36.1   | 17.3   | 1.8   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 42.5   | 17.3   | -8.0  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 48.8   | 17.3   | -19.5 | 0.0 |
|     |              |            | perm                  | I   | 0.0 | 0.0 | -2.2   | -22.3  | -2.2  | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -0.7   | -22.3  | -1.8  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.8    | -22.3  | -1.8  | 0.0 |
|     |              |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 0.5 | Type: Beam | Section: cap          |     |     |     |        |        |       |     |
| 467 | 1            | 1 c mobili | Max                   | I   | 0.0 | 0.0 | 14.2   | 155.7  | 50.1  | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 14.2   | 155.7  | 85.3  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 14.2   | 155.7  | 161.9 | 0.0 |
|     |              |            | Min                   | I   | 0.0 | 0.0 | -330.5 | -254.3 | -81.7 | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -330.5 | -254.3 | -71.7 | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | -330.5 | -254.3 | -68.5 | 0.0 |
|     |              |            | PP                    | I   | 0.0 | 0.0 | -281.7 | 15.9   | -19.6 | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -275.3 | 15.9   | 50.1  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | -268.9 | 15.9   | 118.1 | 0.0 |
|     |              |            | perm                  | I   | 0.0 | 0.0 | -78.1  | -25.2  | -1.8  | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | -76.6  | -25.2  | 17.6  | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | -75.1  | -25.2  | 36.5  | 0.0 |
|     |              |            | acc                   | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |              |            |                       | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     | Length = 0.5 | Type: Beam | Section: cap          |     |     |     |        |        |       |     |
| 468 | 1            | 1 c mobili | Max                   | I   | 0.0 | 0.0 | 26.8   | 162.9  | 161.6 | 0.0 |
|     |              |            |                       | CNT | 0.0 | 0.0 | 26.8   | 162.9  | 216.5 | 0.0 |



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|     |   |              |              |     |     |        |        |       |       |     |
|-----|---|--------------|--------------|-----|-----|--------|--------|-------|-------|-----|
|     |   |              | J            | 0.0 | 0.0 | 26.8   | 162.9  | 293.5 | 0.0   |     |
|     |   | Min          | I            | 0.0 | 0.0 | -309.1 | -265.3 | -68.4 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -309.1 | -265.3 | -66.8 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -309.1 | -265.3 | -65.2 | 0.0   |     |
|     |   | pp           | I            | 0.0 | 0.0 | -267.9 | 15.0   | 118.0 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -261.5 | 15.0   | 184.1 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -255.1 | 15.0   | 248.7 | 0.0   |     |
|     |   | perm         | I            | 0.0 | 0.0 | -75.8  | -26.9  | 36.6  | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -74.3  | -26.9  | 55.3  | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -72.8  | -26.9  | 73.7  | 0.0   |     |
|     |   | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam   |     |     |        |        |       |       |     |
|     |   |              | Section: cap |     |     |        |        |       |       |     |
| 469 | 1 | 1 c mobili   | Max          | I   | 0.0 | 0.0    | 37.5   | 165.9 | 293.1 | 0.0 |
|     |   |              |              | CNT | 0.0 | 0.0    | 37.5   | 165.9 | 336.3 | 0.0 |
|     |   |              |              | J   | 0.0 | 0.0    | 37.5   | 165.9 | 409.3 | 0.0 |
|     |   | Min          | I            | 0.0 | 0.0 | -294.3 | -270.8 | -65.1 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -294.3 | -270.8 | -63.4 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -294.3 | -270.8 | -62.0 | 0.0   |     |
|     |   | pp           | I            | 0.0 | 0.0 | -254.3 | 14.4   | 248.6 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -247.9 | 14.4   | 311.4 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -241.5 | 14.4   | 372.6 | 0.0   |     |
|     |   | perm         | I            | 0.0 | 0.0 | -73.1  | -27.7  | 73.8  | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -71.6  | -27.7  | 91.8  | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -70.1  | -27.7  | 109.5 | 0.0   |     |
|     |   | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam   |     |     |        |        |       |       |     |
|     |   |              | Section: cap |     |     |        |        |       |       |     |
| 470 | 1 | 1 c mobili   | Max          | I   | 0.0 | 0.0    | 51.3   | 165.8 | 409.0 | 0.0 |
|     |   |              |              | CNT | 0.0 | 0.0    | 51.3   | 165.8 | 443.3 | 0.0 |
|     |   |              |              | J   | 0.0 | 0.0    | 51.3   | 165.8 | 513.2 | 0.0 |
|     |   | Min          | I            | 0.0 | 0.0 | -284.0 | -271.3 | -61.9 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -284.0 | -271.3 | -60.5 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -284.0 | -271.3 | -59.0 | 0.0   |     |
|     |   | pp           | I            | 0.0 | 0.0 | -240.9 | 14.0   | 372.4 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -234.5 | 14.0   | 431.9 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -228.2 | 14.0   | 489.7 | 0.0   |     |
|     |   | perm         | I            | 0.0 | 0.0 | -70.0  | -27.8  | 109.6 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -68.5  | -27.8  | 126.9 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -67.0  | -27.8  | 143.9 | 0.0   |     |
|     |   | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam   |     |     |        |        |       |       |     |
|     |   |              | Section: cap |     |     |        |        |       |       |     |
| 471 | 1 | 1 c mobili   | Max          | I   | 0.0 | 0.0    | 63.5   | 163.5 | 512.8 | 0.0 |
|     |   |              |              | CNT | 0.0 | 0.0    | 63.5   | 163.5 | 542.9 | 0.0 |
|     |   |              |              | J   | 0.0 | 0.0    | 63.5   | 163.5 | 610.9 | 0.0 |
|     |   | Min          | I            | 0.0 | 0.0 | -275.2 | -269.2 | -59.0 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -275.2 | -269.2 | -57.5 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -275.2 | -269.2 | -56.0 | 0.0   |     |
|     |   | pp           | I            | 0.0 | 0.0 | -227.7 | 13.6   | 489.6 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -221.3 | 13.6   | 545.7 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -214.9 | 13.6   | 600.2 | 0.0   |     |
|     |   | perm         | I            | 0.0 | 0.0 | -66.8  | -27.5  | 143.9 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -65.3  | -27.5  | 160.4 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -63.8  | -27.5  | 176.5 | 0.0   |     |
|     |   | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam   |     |     |        |        |       |       |     |
|     |   |              | Section: cap |     |     |        |        |       |       |     |
| 472 | 1 | 1 c mobili   | Max          | I   | 0.0 | 0.0    | 73.6   | 159.6 | 610.8 | 0.0 |
|     |   |              |              | CNT | 0.0 | 0.0    | 73.6   | 159.6 | 636.6 | 0.0 |
|     |   |              |              | J   | 0.0 | 0.0    | 73.6   | 159.6 | 700.7 | 0.0 |
|     |   | Min          | I            | 0.0 | 0.0 | -267.1 | -266.0 | -55.9 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -267.1 | -266.0 | -54.4 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -267.1 | -266.0 | -52.9 | 0.0   |     |
|     |   | pp           | I            | 0.0 | 0.0 | -214.6 | 13.2   | 600.1 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -208.2 | 13.2   | 653.0 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -201.8 | 13.2   | 704.2 | 0.0   |     |
|     |   | perm         | I            | 0.0 | 0.0 | -63.3  | -26.8  | 176.5 | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | -61.8  | -26.8  | 192.2 | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | -60.3  | -26.8  | 207.4 | 0.0   |     |
|     |   | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |
|     |   |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0   |     |

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| Length = 0.5 |   | Type: Beam | Section: cap |     |     |     |        |        |       |     |
|--------------|---|------------|--------------|-----|-----|-----|--------|--------|-------|-----|
| 473          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0 | 82.1   | 154.4  | 700.6 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 82.1   | 154.4  | 724.3 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 82.1   | 154.4  | 783.5 | 0.0 |
|              |   |            | Min          | I   | 0.0 | 0.0 | -259.3 | -261.4 | -52.9 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -259.3 | -261.4 | -51.4 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -259.3 | -261.4 | -49.9 | 0.0 |
|              |   |            | pp           | I   | 0.0 | 0.0 | -201.6 | 12.7   | 704.1 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -195.2 | 12.7   | 753.7 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -188.9 | 12.7   | 801.7 | 0.0 |
|              |   |            | perm         | I   | 0.0 | 0.0 | -59.7  | -25.9  | 207.5 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -58.2  | -25.9  | 222.2 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -56.7  | -25.9  | 236.6 | 0.0 |
|              |   |            | acc          | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |

| Length = 0.5 |   | Type: Beam | Section: cap |     |     |     |        |        |       |     |
|--------------|---|------------|--------------|-----|-----|-----|--------|--------|-------|-----|
| 474          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0 | 89.4   | 148.4  | 783.4 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 89.4   | 148.4  | 805.0 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 89.4   | 148.4  | 859.8 | 0.0 |
|              |   |            | Min          | I   | 0.0 | 0.0 | -251.7 | -255.5 | -49.9 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -251.7 | -255.5 | -48.5 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -251.7 | -255.5 | -47.1 | 0.0 |
|              |   |            | pp           | I   | 0.0 | 0.0 | -188.7 | 12.2   | 801.6 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -182.4 | 12.2   | 848.0 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -176.0 | 12.2   | 892.8 | 0.0 |
|              |   |            | perm         | I   | 0.0 | 0.0 | -56.0  | -24.7  | 236.6 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -54.5  | -24.7  | 250.4 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -53.0  | -24.7  | 263.8 | 0.0 |
|              |   |            | acc          | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |

| Length = 0.5 |   | Type: Beam | Section: cap |     |     |     |        |        |       |     |
|--------------|---|------------|--------------|-----|-----|-----|--------|--------|-------|-----|
| 475          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0 | 95.9   | 141.8  | 859.6 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 95.9   | 141.8  | 879.2 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 95.9   | 141.8  | 929.7 | 0.0 |
|              |   |            | Min          | I   | 0.0 | 0.0 | -244.3 | -248.6 | -47.1 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -244.3 | -248.6 | -45.8 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -244.3 | -248.6 | -44.5 | 0.0 |
|              |   |            | pp           | I   | 0.0 | 0.0 | -175.9 | 11.7   | 892.7 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -169.6 | 11.7   | 935.9 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -163.2 | 11.7   | 977.5 | 0.0 |
|              |   |            | perm         | I   | 0.0 | 0.0 | -52.2  | -23.4  | 263.8 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -50.7  | -23.4  | 276.7 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -49.2  | -23.4  | 289.2 | 0.0 |
|              |   |            | acc          | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |

| Length = 0.5 |   | Type: Beam | Section: cap |     |     |     |        |        |        |     |
|--------------|---|------------|--------------|-----|-----|-----|--------|--------|--------|-----|
| 476          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0 | 101.9  | 134.7  | 929.5  | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 101.9  | 134.7  | 947.1  | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 101.9  | 134.7  | 993.3  | 0.0 |
|              |   |            | Min          | I   | 0.0 | 0.0 | -237.1 | -241.5 | -44.5  | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -237.1 | -241.5 | -43.3  | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -237.1 | -241.5 | -42.0  | 0.0 |
|              |   |            | pp           | I   | 0.0 | 0.0 | -163.2 | 11.1   | 977.4  | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -156.8 | 11.1   | 1017.4 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -150.5 | 11.1   | 1055.8 | 0.0 |
|              |   |            | perm         | I   | 0.0 | 0.0 | -48.5  | -21.9  | 289.2  | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -47.0  | -21.9  | 301.2  | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -45.5  | -21.9  | 312.7  | 0.0 |
|              |   |            | acc          | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |

| Length = 0.5 |   | Type: Beam | Section: cap |     |     |     |        |        |        |     |
|--------------|---|------------|--------------|-----|-----|-----|--------|--------|--------|-----|
| 477          | 1 | 1 c mobili | Max          | I   | 0.0 | 0.0 | 107.5  | 127.3  | 993.2  | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | 107.5  | 127.3  | 1008.8 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | 107.5  | 127.3  | 1051.0 | 0.0 |
|              |   |            | Min          | I   | 0.0 | 0.0 | -230.1 | -233.9 | -42.0  | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -230.1 | -233.9 | -40.9  | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -230.1 | -233.9 | -39.7  | 0.0 |
|              |   |            | pp           | I   | 0.0 | 0.0 | -150.5 | 10.4   | 1055.7 | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -144.2 | 10.4   | 1092.5 | 0.0 |
|              |   |            |              | J   | 0.0 | 0.0 | -137.8 | 10.4   | 1127.8 | 0.0 |
|              |   |            | perm         | I   | 0.0 | 0.0 | -44.7  | -20.4  | 312.7  | 0.0 |
|              |   |            |              | CNT | 0.0 | 0.0 | -43.2  | -20.4  | 323.7  | 0.0 |

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|     |   |              |            |              |     |       |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-------|--------|--------|--------|-----|
|     |   |              | J          | 0.0          | 0.0 | -41.7 | -20.4  | 334.3  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 478 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 112.8  | 119.6  | 1050.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 112.8  | 119.6  | 1064.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 112.8  | 119.6  | 1102.8 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -223.3 | -225.1 | -39.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -223.3 | -225.1 | -38.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -223.3 | -225.1 | -37.6  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -137.9 | 9.6    | 1127.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -131.5 | 9.6    | 1161.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -125.2 | 9.6    | 1193.4 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -40.9  | -18.8  | 334.3  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -39.4  | -18.8  | 344.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -37.9  | -18.8  | 354.0  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 479 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 117.8  | 111.7  | 1102.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 117.8  | 111.7  | 1114.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 117.8  | 111.7  | 1148.9 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -216.7 | -215.2 | -37.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -216.7 | -215.2 | -36.6  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -216.7 | -215.2 | -35.6  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -125.3 | 8.9    | 1193.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -118.9 | 8.9    | 1223.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -112.6 | 8.9    | 1252.8 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -37.1  | -17.1  | 354.0  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -35.6  | -17.1  | 363.1  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -34.1  | -17.1  | 371.8  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 480 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 122.7  | 103.7  | 1148.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 122.7  | 103.7  | 1158.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 122.7  | 103.7  | 1189.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -210.4 | -204.4 | -35.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -210.4 | -204.4 | -34.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -210.4 | -204.4 | -33.8  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -112.7 | 8.0    | 1252.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -106.4 | 8.0    | 1280.2 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -100.0 | 8.0    | 1306.0 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -33.3  | -15.4  | 371.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -31.8  | -15.4  | 380.0  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -30.3  | -15.4  | 387.7  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 481 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 127.7  | 95.9   | 1189.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 127.7  | 95.9   | 1197.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 127.7  | 95.9   | 1224.8 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -204.3 | -193.6 | -33.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -204.3 | -193.6 | -32.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -204.3 | -193.6 | -32.1  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -100.2 | 7.2    | 1305.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -93.8  | 7.2    | 1330.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -87.5  | 7.2    | 1352.8 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0   | -29.5  | -13.6  | 387.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -28.0  | -13.6  | 394.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -26.5  | -13.6  | 401.8  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 482 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 132.6  | 88.3   | 1224.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 132.6  | 88.3   | 1231.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 132.6  | 88.3   | 1254.8 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -198.5 | -182.4 | -32.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -198.5 | -182.4 | -31.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -198.5 | -182.4 | -30.5  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -87.7  | 6.3    | 1352.7 | 0.0 |

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|     |   |              |            |              |     |       |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-------|--------|--------|--------|-----|
|     |   |              | CNT        | 0.0          | 0.0 | -81.3 | 6.3    | 1373.9 | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -74.9 | 6.3    | 1393.4 | 0.0    |     |
|     |   | perm         | I          | 0.0          | 0.0 | -25.8 | -11.9  | 401.8  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -24.3 | -11.9  | 408.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -22.8 | -11.9  | 413.9  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 483 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 137.4  | 81.5   | 1254.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 137.4  | 81.5   | 1259.6 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 137.4  | 81.5   | 1279.8 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -192.8 | -171.5 | -30.5  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -192.8 | -171.5 | -29.7  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -192.8 | -171.5 | -28.9  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -75.1  | 5.3    | 1393.3 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -68.8  | 5.3    | 1411.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -62.4  | 5.3    | 1427.7 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -22.0 | -10.1  | 413.9  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -20.5 | -10.1  | 419.2  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -19.0 | -10.1  | 424.2  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 484 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 142.2  | 82.4   | 1279.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 142.2  | 82.4   | 1282.9 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 142.2  | 82.4   | 1299.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -187.2 | -160.7 | -28.9  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -187.2 | -160.7 | -28.2  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -187.2 | -160.7 | -27.5  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -62.6  | 4.4    | 1427.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -56.3  | 4.4    | 1442.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -49.9  | 4.4    | 1455.8 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -18.3 | -8.2   | 424.2  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -16.8 | -8.2   | 428.6  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -15.3 | -8.2   | 432.6  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 485 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 146.9  | 84.6   | 1299.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 146.9  | 84.6   | 1301.1 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 146.9  | 84.6   | 1314.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -181.8 | -150.2 | -27.5  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -181.8 | -150.2 | -26.8  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -181.8 | -150.2 | -26.1  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -50.1  | 3.4    | 1455.8 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -43.8  | 3.4    | 1467.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -37.4  | 3.4    | 1477.7 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -14.5 | -6.4   | 432.6  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -13.0 | -6.4   | 436.0  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -11.5 | -6.4   | 439.1  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 486 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 151.6  | 92.1   | 1314.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 151.6  | 92.1   | 1314.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 151.6  | 92.1   | 1324.7 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -176.5 | -139.8 | -26.1  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -176.5 | -139.8 | -25.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -176.5 | -139.8 | -24.7  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0   | -37.6  | 2.5    | 1477.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -31.2  | 2.5    | 1486.2 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -24.9  | 2.5    | 1493.3 | 0.0 |
|     |   | perm         | I          | 0.0          | 0.0 | -10.8 | -4.6   | 439.1  | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | -9.3  | -4.6   | 441.6  | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | -7.8  | -4.6   | 443.8  | 0.0    |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |        |     |
| 487 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 156.3  | 99.9   | 1324.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 156.3  | 99.9   | 1323.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 156.3  | 99.9   | 1330.0 | 0.0 |

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|     |   |              |            |              |     |     |        |        |        |     |
|-----|---|--------------|------------|--------------|-----|-----|--------|--------|--------|-----|
|     |   |              | Min        | I            | 0.0 | 0.0 | -171.3 | -129.4 | -24.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -171.3 | -129.4 | -24.1  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -171.3 | -129.4 | -23.5  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -25.1  | 1.5    | 1493.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -18.7  | 1.5    | 1498.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -12.4  | 1.5    | 1502.6 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -7.1   | -2.8   | 443.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -5.6   | -2.8   | 445.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -4.1   | -2.8   | 446.6  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 488 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 161.2  | 109.3  | 1329.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 161.2  | 109.3  | 1326.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 161.2  | 109.3  | 1330.4 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -166.2 | -119.2 | -23.5  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -166.2 | -119.2 | -22.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -166.2 | -119.2 | -22.2  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -12.6  | 0.5    | 1502.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -6.2   | 0.5    | 1505.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.1    | 0.5    | 1505.7 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | -3.4   | -0.9   | 446.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -1.9   | -0.9   | 447.2  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -0.4   | -0.9   | 447.5  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 489 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 166.2  | 119.2  | 1330.4 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 166.2  | 119.2  | 1326.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 166.2  | 119.2  | 1329.9 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -161.2 | -109.3 | -22.2  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -161.2 | -109.3 | -22.9  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -161.2 | -109.3 | -23.5  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | -0.1   | -0.5   | 1505.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 6.2    | -0.5   | 1505.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 12.6   | -0.5   | 1502.6 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | 0.4    | 0.9    | 447.5  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 1.9    | 0.9    | 447.2  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 3.4    | 0.9    | 446.6  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 490 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 171.3  | 129.4  | 1330.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 171.3  | 129.4  | 1323.0 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 171.3  | 129.4  | 1324.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -156.3 | -99.9  | -23.5  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -156.3 | -99.9  | -24.1  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -156.3 | -99.9  | -24.8  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | 12.4   | -1.5   | 1502.6 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 18.7   | -1.5   | 1498.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 25.1   | -1.5   | 1493.2 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | 4.1    | 2.8    | 446.6  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 5.6    | 2.8    | 445.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 7.1    | 2.8    | 443.8  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |     |        |        |        |     |
| 491 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0 | 176.5  | 139.8  | 1324.7 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 176.5  | 139.8  | 1314.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 176.5  | 139.8  | 1314.5 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0 | -151.6 | -92.1  | -24.7  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | -151.6 | -92.1  | -25.4  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | -151.6 | -92.1  | -26.1  | 0.0 |
|     |   |              | pp         | I            | 0.0 | 0.0 | 24.9   | -2.5   | 1493.3 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 31.2   | -2.5   | 1486.2 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 37.6   | -2.5   | 1477.6 | 0.0 |
|     |   |              | perm       | I            | 0.0 | 0.0 | 7.8    | 4.6    | 443.8  | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 9.3    | 4.6    | 441.6  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 10.8   | 4.6    | 439.1  | 0.0 |
|     |   |              | acc        | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |

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|              |   |            |            |     |              |     |        |       |        |        |     |
|--------------|---|------------|------------|-----|--------------|-----|--------|-------|--------|--------|-----|
| Length = 0.5 |   |            |            |     |              |     |        |       |        |        |     |
|              |   |            | Type: Beam |     | Section: cap |     |        |       |        |        |     |
| 492          | 1 | 1 c mobili | Max        | I   | 0.0          | 0.0 | 181.8  | 150.2 | 1314.6 | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 181.8  | 150.2 | 1301.1 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 181.8  | 150.2 | 1299.6 | 0.0    |     |
|              |   |            | Min        | I   | 0.0          | 0.0 | -146.9 | -84.6 | -26.1  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | -146.9 | -84.6 | -26.8  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | -146.9 | -84.6 | -27.5  | 0.0    |     |
|              |   |            |            | PP  | I            | 0.0 | 0.0    | 37.4  | -3.4   | 1477.7 | 0.0 |
|              |   |            |            | CNT | 0.0          | 0.0 | 43.8   | -3.4  | 1467.5 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 50.1   | -3.4  | 1455.8 | 0.0    |     |
|              |   |            | perm       | I   | 0.0          | 0.0 | 11.5   | 6.4   | 439.1  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 13.0   | 6.4   | 436.0  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 14.5   | 6.4   | 432.6  | 0.0    |     |
|              |   |            | acc        | I   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
| Length = 0.5 |   |            |            |     |              |     |        |       |        |        |     |
|              |   |            | Type: Beam |     | Section: cap |     |        |       |        |        |     |
| 493          | 1 | 1 c mobili | Max        | I   | 0.0          | 0.0 | 187.2  | 160.7 | 1299.7 | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 187.2  | 160.7 | 1282.9 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 187.2  | 160.7 | 1279.7 | 0.0    |     |
|              |   |            | Min        | I   | 0.0          | 0.0 | -142.2 | -82.4 | -27.5  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | -142.2 | -82.4 | -28.2  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | -142.2 | -82.4 | -28.9  | 0.0    |     |
|              |   |            |            | PP  | I            | 0.0 | 0.0    | 49.9  | -4.4   | 1455.8 | 0.0 |
|              |   |            |            | CNT | 0.0          | 0.0 | 56.3   | -4.4  | 1442.5 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 62.6   | -4.4  | 1427.7 | 0.0    |     |
|              |   |            | perm       | I   | 0.0          | 0.0 | 15.3   | 8.2   | 432.6  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 16.8   | 8.2   | 428.6  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 18.3   | 8.2   | 424.2  | 0.0    |     |
|              |   |            | acc        | I   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
| Length = 0.5 |   |            |            |     |              |     |        |       |        |        |     |
|              |   |            | Type: Beam |     | Section: cap |     |        |       |        |        |     |
| 494          | 1 | 1 c mobili | Max        | I   | 0.0          | 0.0 | 192.8  | 171.5 | 1279.8 | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 192.8  | 171.5 | 1259.6 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 192.8  | 171.5 | 1254.7 | 0.0    |     |
|              |   |            | Min        | I   | 0.0          | 0.0 | -137.4 | -81.5 | -28.9  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | -137.4 | -81.5 | -29.7  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | -137.4 | -81.5 | -30.5  | 0.0    |     |
|              |   |            |            | PP  | I            | 0.0 | 0.0    | 62.4  | -5.3   | 1427.7 | 0.0 |
|              |   |            |            | CNT | 0.0          | 0.0 | 68.8   | -5.3  | 1411.3 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 75.1   | -5.3  | 1393.3 | 0.0    |     |
|              |   |            | perm       | I   | 0.0          | 0.0 | 19.0   | 10.1  | 424.2  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 20.5   | 10.1  | 419.2  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 22.0   | 10.1  | 413.9  | 0.0    |     |
|              |   |            | acc        | I   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
| Length = 0.5 |   |            |            |     |              |     |        |       |        |        |     |
|              |   |            | Type: Beam |     | Section: cap |     |        |       |        |        |     |
| 495          | 1 | 1 c mobili | Max        | I   | 0.0          | 0.0 | 198.5  | 182.4 | 1254.8 | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 198.5  | 182.4 | 1231.3 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 198.5  | 182.4 | 1224.7 | 0.0    |     |
|              |   |            | Min        | I   | 0.0          | 0.0 | -132.6 | -88.3 | -30.5  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | -132.6 | -88.3 | -31.3  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | -132.6 | -88.3 | -32.1  | 0.0    |     |
|              |   |            |            | PP  | I            | 0.0 | 0.0    | 74.9  | -6.3   | 1393.4 | 0.0 |
|              |   |            |            | CNT | 0.0          | 0.0 | 81.3   | -6.3  | 1373.9 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 87.7   | -6.3  | 1352.7 | 0.0    |     |
|              |   |            | perm       | I   | 0.0          | 0.0 | 22.8   | 11.9  | 413.9  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 24.3   | 11.9  | 408.0  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 25.8   | 11.9  | 401.8  | 0.0    |     |
|              |   |            | acc        | I   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
| Length = 0.5 |   |            |            |     |              |     |        |       |        |        |     |
|              |   |            | Type: Beam |     | Section: cap |     |        |       |        |        |     |
| 496          | 1 | 1 c mobili | Max        | I   | 0.0          | 0.0 | 204.3  | 193.6 | 1224.8 | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 204.3  | 193.6 | 1197.7 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 204.3  | 193.6 | 1189.4 | 0.0    |     |
|              |   |            | Min        | I   | 0.0          | 0.0 | -127.7 | -95.9 | -32.1  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | -127.7 | -95.9 | -32.9  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | -127.7 | -95.9 | -33.8  | 0.0    |     |
|              |   |            |            | PP  | I            | 0.0 | 0.0    | 87.5  | -7.2   | 1352.8 | 0.0 |
|              |   |            |            | CNT | 0.0          | 0.0 | 93.8   | -7.2  | 1330.1 | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 100.2  | -7.2  | 1305.9 | 0.0    |     |
|              |   |            | perm       | I   | 0.0          | 0.0 | 26.5   | 13.6  | 401.8  | 0.0    |     |
|              |   |            |            | CNT | 0.0          | 0.0 | 28.0   | 13.6  | 394.9  | 0.0    |     |
|              |   |            |            | J   | 0.0          | 0.0 | 29.5   | 13.6  | 387.7  | 0.0    |     |

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|     |   |              |              |              |     |     |        |        |        |     |     |
|-----|---|--------------|--------------|--------------|-----|-----|--------|--------|--------|-----|-----|
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |     |
| 497 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 210.4  | 204.4  | 1189.6 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 210.4  | 204.4  | 1158.9 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 210.4  | 204.4  | 1148.8 | 0.0 |     |
|     |   |              | Min          | I            | 0.0 | 0.0 | -122.7 | -103.7 | -33.8  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | -122.7 | -103.7 | -34.7  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | -122.7 | -103.7 | -35.7  | 0.0 |     |
|     |   |              | pp           | I            | 0.0 | 0.0 | 100.0  | -8.0   | 1306.0 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 106.4  | -8.0   | 1280.2 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 112.7  | -8.0   | 1252.8 | 0.0 |     |
|     |   |              | perm         | I            | 0.0 | 0.0 | 30.3   | 15.4   | 387.7  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 31.8   | 15.4   | 380.0  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 33.3   | 15.4   | 371.8  | 0.0 |     |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |     |
| 498 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 216.7  | 215.2  | 1148.9 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 216.7  | 215.2  | 1114.5 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 216.7  | 215.2  | 1102.6 | 0.0 |     |
|     |   |              | Min          | I            | 0.0 | 0.0 | -117.8 | -111.7 | -35.6  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | -117.8 | -111.7 | -36.6  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | -117.8 | -111.7 | -37.6  | 0.0 |     |
|     |   |              | pp           | I            | 0.0 | 0.0 | 112.6  | -8.9   | 1252.8 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 118.9  | -8.9   | 1223.9 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 125.3  | -8.9   | 1193.4 | 0.0 |     |
|     |   |              | perm         | I            | 0.0 | 0.0 | 34.1   | 17.1   | 371.8  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 35.6   | 17.1   | 363.1  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 37.1   | 17.1   | 354.0  | 0.0 |     |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |     |
| 499 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 223.3  | 225.1  | 1102.8 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 223.3  | 225.1  | 1064.6 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 223.3  | 225.1  | 1050.8 | 0.0 |     |
|     |   |              | Min          | I            | 0.0 | 0.0 | -112.8 | -119.6 | -37.6  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | -112.8 | -119.6 | -38.7  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | -112.8 | -119.6 | -39.7  | 0.0 |     |
|     |   |              | pp           | I            | 0.0 | 0.0 | 125.2  | -9.6   | 1193.4 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 131.5  | -9.6   | 1161.4 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 137.9  | -9.6   | 1127.7 | 0.0 |     |
|     |   |              | perm         | I            | 0.0 | 0.0 | 37.9   | 18.8   | 354.0  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 39.4   | 18.8   | 344.4  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 40.9   | 18.8   | 334.3  | 0.0 |     |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |     |
| 500 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 230.1  | 233.9  | 1051.0 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 230.1  | 233.9  | 1008.8 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 230.1  | 233.9  | 993.2  | 0.0 |     |
|     |   |              | Min          | I            | 0.0 | 0.0 | -107.5 | -127.3 | -39.7  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | -107.5 | -127.3 | -40.9  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | -107.5 | -127.3 | -42.0  | 0.0 |     |
|     |   |              | pp           | I            | 0.0 | 0.0 | 137.8  | -10.4  | 1127.8 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 144.2  | -10.4  | 1092.5 | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 150.5  | -10.4  | 1055.7 | 0.0 |     |
|     |   |              | perm         | I            | 0.0 | 0.0 | 41.7   | 20.4   | 334.3  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 43.2   | 20.4   | 323.7  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 44.7   | 20.4   | 312.7  | 0.0 |     |
|     |   |              | acc          | I            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |   | Length = 0.5 | Type: Beam   | Section: cap |     |     |        |        |        |     |     |
| 501 | 1 | 1            | c mobili Max | I            | 0.0 | 0.0 | 237.1  | 241.5  | 993.3  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 237.1  | 241.5  | 947.1  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | 237.1  | 241.5  | 929.5  | 0.0 |     |
|     |   |              | Min          | I            | 0.0 | 0.0 | -101.9 | -134.7 | -42.0  | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | -101.9 | -134.7 | -43.3  | 0.0 |     |
|     |   |              |              | J            | 0.0 | 0.0 | -101.9 | -134.7 | -44.5  | 0.0 |     |
|     |   |              | pp           | I            | 0.0 | 0.0 | 150.5  | -11.1  | 1055.8 | 0.0 |     |
|     |   |              |              | CNT          | 0.0 | 0.0 | 156.8  | -11.1  | 1017.4 | 0.0 |     |

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|     |              |            |              |     |     |       |        |        |       |     |
|-----|--------------|------------|--------------|-----|-----|-------|--------|--------|-------|-----|
|     |              |            | J            | 0.0 | 0.0 | 163.2 | -11.1  | 977.4  | 0.0   |     |
|     |              | perm       | I            | 0.0 | 0.0 | 45.5  | 21.9   | 312.7  | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | 47.0  | 21.9   | 301.2  | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | 48.5  | 21.9   | 289.2  | 0.0   |     |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            | CNT          | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            | J            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |       |        |        |       |     |
| 502 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0   | 244.3  | 248.6  | 929.7 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0   | 244.3  | 248.6  | 879.2 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 244.3  | 248.6  | 859.6 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -95.9 | -141.8 | -44.5  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | -95.9  | -141.8 | -45.8 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | -95.9  | -141.8 | -47.1 | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | 163.2 | -11.7  | 977.5  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 169.6  | -11.7  | 935.9 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 175.9  | -11.7  | 892.7 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | 49.2  | 23.4   | 289.2  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 50.7   | 23.4   | 276.7 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 52.2   | 23.4   | 263.8 | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | J   | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |       |        |        |       |     |
| 503 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0   | 251.7  | 255.5  | 859.8 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0   | 251.7  | 255.5  | 805.0 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 251.7  | 255.5  | 783.4 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -89.4 | -148.4 | -47.1  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | -89.4  | -148.4 | -48.5 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | -89.4  | -148.4 | -49.9 | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | 176.0 | -12.2  | 892.8  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 182.4  | -12.2  | 848.0 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 188.7  | -12.2  | 801.6 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | 53.0  | 24.7   | 263.8  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 54.5   | 24.7   | 250.4 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 56.0   | 24.7   | 236.6 | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | J   | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |       |        |        |       |     |
| 504 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0   | 259.3  | 261.4  | 783.5 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0   | 259.3  | 261.4  | 724.3 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 259.3  | 261.4  | 700.6 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -82.1 | -154.4 | -49.9  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | -82.1  | -154.4 | -51.4 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | -82.1  | -154.4 | -52.9 | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | 188.9 | -12.7  | 801.7  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 195.2  | -12.7  | 753.7 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 201.6  | -12.7  | 704.1 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | 56.7  | 25.9   | 236.6  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 58.2   | 25.9   | 222.2 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 59.7   | 25.9   | 207.5 | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | J   | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |       |        |        |       |     |
| 505 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0   | 267.1  | 266.0  | 700.7 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0   | 267.1  | 266.0  | 636.6 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 267.1  | 266.0  | 610.8 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -73.6 | -159.6 | -52.9  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | -73.6  | -159.6 | -54.4 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | -73.6  | -159.6 | -55.9 | 0.0 |
|     |              | pp         | I            | 0.0 | 0.0 | 201.8 | -13.2  | 704.2  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 208.2  | -13.2  | 653.0 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 214.6  | -13.2  | 600.1 | 0.0 |
|     |              | perm       | I            | 0.0 | 0.0 | 60.3  | 26.8   | 207.4  | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 61.8   | 26.8   | 192.2 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 63.3   | 26.8   | 176.5 | 0.0 |
|     |              | acc        | I            | 0.0 | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | CNT | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |              |            |              | J   | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     | Length = 0.5 | Type: Beam | Section: cap |     |     |       |        |        |       |     |
| 506 | 1            | 1 c mobili | Max          | I   | 0.0 | 0.0   | 275.2  | 269.2  | 610.9 | 0.0 |
|     |              |            |              | CNT | 0.0 | 0.0   | 275.2  | 269.2  | 542.9 | 0.0 |
|     |              |            |              | J   | 0.0 | 0.0   | 275.2  | 269.2  | 512.8 | 0.0 |
|     |              | Min        | I            | 0.0 | 0.0 | -63.5 | -163.5 | -56.0  | 0.0   |     |



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|     |   |              |            |              |     |       |        |        |       |     |
|-----|---|--------------|------------|--------------|-----|-------|--------|--------|-------|-----|
|     |   |              | CNT        | 0.0          | 0.0 | -63.5 | -163.5 | -57.5  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | -63.5 | -163.5 | -59.0  | 0.0   |     |
|     |   | pp           | I          | 0.0          | 0.0 | 214.9 | -13.6  | 600.2  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 221.3 | -13.6  | 545.7  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 227.7 | -13.6  | 489.6  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 63.8  | 27.5   | 176.5  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 65.3  | 27.5   | 160.4  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 66.8  | 27.5   | 143.9  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 507 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 284.0  | 271.3  | 513.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 284.0  | 271.3  | 443.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 284.0  | 271.3  | 409.0 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -51.3  | -165.8 | -59.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -51.3  | -165.8 | -60.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -51.3  | -165.8 | -61.9 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 228.2 | -14.0  | 489.7  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 234.5 | -14.0  | 431.9  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 240.9 | -14.0  | 372.4  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 67.0  | 27.8   | 143.9  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 68.5  | 27.8   | 126.9  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 70.0  | 27.8   | 109.6  | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 508 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 294.3  | 270.8  | 409.3 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 294.3  | 270.8  | 336.3 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 294.3  | 270.8  | 293.1 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -37.5  | -165.9 | -62.0 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -37.5  | -165.9 | -63.4 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -37.5  | -165.9 | -65.1 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 241.5 | -14.4  | 372.6  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 247.9 | -14.4  | 311.4  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 254.3 | -14.4  | 248.6  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 70.1  | 27.7   | 109.5  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 71.6  | 27.7   | 91.8   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 73.1  | 27.7   | 73.8   | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 509 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 309.1  | 265.3  | 293.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 309.1  | 265.3  | 216.5 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 309.1  | 265.3  | 161.6 | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -26.8  | -162.9 | -65.2 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -26.8  | -162.9 | -66.8 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -26.8  | -162.9 | -68.4 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 255.1 | -15.0  | 248.7  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 261.5 | -15.0  | 184.1  | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 267.9 | -15.0  | 118.0  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 72.8  | 26.9   | 73.7   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 74.3  | 26.9   | 55.3   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 75.8  | 26.9   | 36.6   | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |
| 510 | 1 | 1 c mobili   | Max        | I            | 0.0 | 0.0   | 330.5  | 254.3  | 161.9 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | 330.5  | 254.3  | 85.3  | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | 330.5  | 254.3  | 50.1  | 0.0 |
|     |   |              | Min        | I            | 0.0 | 0.0   | -14.2  | -155.7 | -68.5 | 0.0 |
|     |   |              |            | CNT          | 0.0 | 0.0   | -14.2  | -155.7 | -71.7 | 0.0 |
|     |   |              |            | J            | 0.0 | 0.0   | -14.2  | -155.7 | -81.7 | 0.0 |
|     |   | pp           | I          | 0.0          | 0.0 | 268.9 | -15.9  | 118.1  | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 275.3 | -15.9  | 50.1   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 281.7 | -15.9  | -19.6  | 0.0   |     |
|     |   | perm         | I          | 0.0          | 0.0 | 75.1  | 25.2   | 36.5   | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 76.6  | 25.2   | 17.6   | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 78.1  | 25.2   | -1.8   | 0.0   |     |
|     |   | acc          | I          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | CNT        | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   |              | J          | 0.0          | 0.0 | 0.0   | 0.0    | 0.0    | 0.0   |     |
|     |   | Length = 0.5 | Type: Beam | Section: cap |     |       |        |        |       |     |

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|     |   |            |      |     |     |     |        |        |       |     |
|-----|---|------------|------|-----|-----|-----|--------|--------|-------|-----|
| 511 | 1 | 1 c mobili | Max  | I   | 0.0 | 0.0 | 66.2   | 234.4  | 49.8  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 66.2   | 234.4  | 33.8  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 66.2   | 234.4  | 19.4  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -159.6 | -142.7 | -81.6 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -159.6 | -142.7 | -45.5 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -159.6 | -142.7 | -28.6 | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | -48.8  | -17.3  | -19.5 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -42.5  | -17.3  | -8.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -36.1  | -17.3  | 1.8   | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | -0.8   | 22.3   | -1.8  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.7    | 22.3   | -1.8  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 2.2    | 22.3   | -2.2  | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0 |

Length = 0.5      Type: Beam      Section: cap

|     |   |            |      |     |     |     |        |      |       |     |
|-----|---|------------|------|-----|-----|-----|--------|------|-------|-----|
| 512 | 3 | 4 c mobili | Max  | I   | 0.0 | 0.0 | 122.7  | 0.1  | 38.7  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 123.3  | 0.1  | 21.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 123.3  | 0.1  | 6.5   | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -121.8 | -0.0 | -32.7 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -73.3  | -0.0 | -22.1 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -73.3  | -0.0 | -14.8 | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | -15.4  | -0.0 | -1.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -9.5   | -0.0 | 0.9   | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -3.6   | -0.0 | 1.9   | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 14.5   | 0.0  | 4.2   | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 14.5   | 0.0  | 2.1   | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 14.5   | 0.0  | -0.1  | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 |

Length = 1      Type: Beam      Section: traverso cap

|     |   |            |      |     |     |     |        |      |       |     |
|-----|---|------------|------|-----|-----|-----|--------|------|-------|-----|
| 513 | 2 | 3 c mobili | Max  | I   | 0.0 | 0.0 | 14.7   | 1.8  | 6.7   | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 17.5   | 1.8  | 0.5   | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 17.5   | 1.8  | 4.4   | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -111.2 | -1.1 | -4.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -7.5   | -1.1 | -1.3  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -7.5   | -1.1 | -10.1 | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | -0.0   | -0.2 | 0.1   | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -0.0   | -0.2 | 0.1   | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -0.0   | -0.2 | 0.1   | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 1.9    | 0.2  | 0.8   | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 1.9    | 0.2  | -0.2  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 1.9    | 0.2  | -1.2  | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 |

Length = 2.2      Type: Beam      Section: soletta

|     |   |            |      |     |     |     |        |      |      |     |
|-----|---|------------|------|-----|-----|-----|--------|------|------|-----|
| 514 | 2 | 3 c mobili | Max  | I   | 0.0 | 0.0 | 13.2   | 1.8  | 6.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 16.1   | 1.8  | 0.5  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 16.1   | 1.8  | 3.0  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -109.4 | -1.1 | -2.6 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -4.7   | -1.1 | -1.1 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -4.7   | -1.1 | -9.3 | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | -0.1   | -0.2 | -0.0 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -0.1   | -0.2 | 0.1  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -0.1   | -0.2 | 0.1  | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 1.1    | 0.2  | 0.4  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 1.1    | 0.2  | -0.2 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 1.1    | 0.2  | -0.7 | 0.0 |
|     |   |            | acc  | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |

Length = 2.2      Type: Beam      Section: soletta

|     |   |            |      |     |     |     |        |      |      |     |
|-----|---|------------|------|-----|-----|-----|--------|------|------|-----|
| 515 | 2 | 3 c mobili | Max  | I   | 0.0 | 0.0 | 12.8   | 1.8  | 6.0  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 15.2   | 1.8  | 0.5  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 15.2   | 1.8  | 2.0  | 0.0 |
|     |   |            | Min  | I   | 0.0 | 0.0 | -108.7 | -1.1 | -2.2 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -2.9   | -1.1 | -1.0 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -2.9   | -1.1 | -8.6 | 0.0 |
|     |   |            | PP   | I   | 0.0 | 0.0 | -0.1   | -0.2 | -0.0 | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | -0.1   | -0.2 | 0.0  | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | -0.1   | -0.2 | 0.1  | 0.0 |
|     |   |            | perm | I   | 0.0 | 0.0 | 0.5    | 0.2  | 0.1  | 0.0 |
|     |   |            |      | CNT | 0.0 | 0.0 | 0.5    | 0.2  | -0.2 | 0.0 |
|     |   |            |      | J   | 0.0 | 0.0 | 0.5    | 0.2  | -0.4 | 0.0 |

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|     |              |            |            |                  |     |     |        |      |      |     |     |
|-----|--------------|------------|------------|------------------|-----|-----|--------|------|------|-----|-----|
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |     |
| 516 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 12.1   | 1.7  | 5.8  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 14.3   | 1.7  | 0.6  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 14.3   | 1.7  | 1.4  | 0.0 |     |
|     |              |            | Min        | I                | 0.0 | 0.0 | -108.6 | -1.1 | -2.2 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.7   | -1.1 | -1.0 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -1.7   | -1.1 | -8.1 | 0.0 |     |
|     |              |            | pp         | I                | 0.0 | 0.0 | -0.1   | -0.2 | -0.0 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -0.1   | -0.2 | 0.0  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -0.1   | -0.2 | 0.1  | 0.0 |     |
|     |              |            | perm       | I                | 0.0 | 0.0 | 0.0    | 0.2  | -0.1 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.2  | -0.1 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.2  | -0.2 | 0.0 |     |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |     |
| 517 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 11.3   | 1.7  | 5.6  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 13.7   | 1.7  | 0.7  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 13.7   | 1.7  | 1.1  | 0.0 |     |
|     |              |            | Min        | I                | 0.0 | 0.0 | -108.8 | -1.1 | -2.4 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.0   | -1.1 | -1.0 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -1.0   | -1.1 | -7.6 | 0.0 |     |
|     |              |            | pp         | I                | 0.0 | 0.0 | -0.0   | -0.2 | -0.0 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -0.0   | -0.2 | 0.0  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -0.0   | -0.2 | 0.0  | 0.0 |     |
|     |              |            | perm       | I                | 0.0 | 0.0 | -0.3   | 0.2  | -0.3 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -0.3   | 0.2  | -0.1 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -0.3   | 0.2  | 0.0  | 0.0 |     |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |     |
| 518 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.6   | 1.6  | 5.5  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 13.0   | 1.6  | 0.9  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 13.0   | 1.6  | 1.3  | 0.0 |     |
|     |              |            | Min        | I                | 0.0 | 0.0 | -109.4 | -1.0 | -2.7 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.4   | -1.0 | -1.1 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -1.4   | -1.0 | -7.0 | 0.0 |     |
|     |              |            | pp         | I                | 0.0 | 0.0 | 0.0    | -0.2 | 0.0  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | -0.2 | 0.0  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | -0.2 | -0.0 | 0.0 |     |
|     |              |            | perm       | I                | 0.0 | 0.0 | -0.6   | 0.2  | -0.5 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -0.6   | 0.2  | -0.1 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -0.6   | 0.2  | 0.2  | 0.0 |     |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |     |
| 519 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.5   | 1.6  | 5.8  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 12.3   | 1.6  | 1.1  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 12.3   | 1.6  | 1.7  | 0.0 |     |
|     |              |            | Min        | I                | 0.0 | 0.0 | -110.0 | -1.0 | -3.0 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -2.3   | -1.0 | -1.2 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -2.3   | -1.0 | -6.5 | 0.0 |     |
|     |              |            | pp         | I                | 0.0 | 0.0 | 0.1    | -0.2 | 0.1  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.1    | -0.2 | -0.0 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.1    | -0.2 | -0.1 | 0.0 |     |
|     |              |            | perm       | I                | 0.0 | 0.0 | -0.8   | 0.2  | -0.6 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -0.8   | 0.2  | -0.1 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -0.8   | 0.2  | 0.3  | 0.0 |     |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |     |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |     |
| 520 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.5   | 1.5  | 6.0  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 12.0   | 1.5  | 1.3  | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 12.0   | 1.5  | 2.2  | 0.0 |     |
|     |              |            | Min        | I                | 0.0 | 0.0 | -110.6 | -0.9 | -3.3 | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | -3.1   | -0.9 | -1.4 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | -3.1   | -0.9 | -6.1 | 0.0 |     |
|     |              |            | pp         | I                | 0.0 | 0.0 | 0.2    | -0.2 | 0.1  | 0.0 |     |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.2    | -0.2 | -0.0 | 0.0 |     |
|     |              |            |            | J                | 0.0 | 0.0 | 0.2    | -0.2 | -0.1 | 0.0 |     |

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|     |              |            |            |                  |     |     |        |      |      |     |
|-----|--------------|------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |              |            | perm       | I                | 0.0 | 0.0 | -1.0   | 0.1  | -0.6 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.0   | 0.1  | -0.1 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -1.0   | 0.1  | 0.4  | 0.0 |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 521 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.5   | 1.5  | 6.1  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 12.0   | 1.5  | 1.4  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 12.0   | 1.5  | 2.7  | 0.0 |
|     |              |            | Min        | I                | 0.0 | 0.0 | -111.1 | -0.9 | -3.5 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -3.6   | -0.9 | -1.5 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -3.6   | -0.9 | -6.0 | 0.0 |
|     |              |            | PP         | I                | 0.0 | 0.0 | 0.3    | -0.2 | 0.1  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.3    | -0.2 | -0.0 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.3    | -0.2 | -0.2 | 0.0 |
|     |              |            | perm       | I                | 0.0 | 0.0 | -1.1   | 0.1  | -0.7 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.1   | 0.1  | -0.1 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -1.1   | 0.1  | 0.5  | 0.0 |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 522 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.5   | 1.4  | 6.2  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 11.9   | 1.4  | 1.6  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 11.9   | 1.4  | 3.1  | 0.0 |
|     |              |            | Min        | I                | 0.0 | 0.0 | -111.5 | -0.9 | -3.6 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -4.1   | -0.9 | -1.7 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -4.1   | -0.9 | -5.8 | 0.0 |
|     |              |            | PP         | I                | 0.0 | 0.0 | 0.3    | -0.2 | 0.2  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.3    | -0.2 | -0.0 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.3    | -0.2 | -0.2 | 0.0 |
|     |              |            | perm       | I                | 0.0 | 0.0 | -1.2   | 0.1  | -0.7 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.2   | 0.1  | -0.1 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -1.2   | 0.1  | 0.5  | 0.0 |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 523 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.4   | 1.3  | 6.4  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 11.9   | 1.3  | 1.8  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 11.9   | 1.3  | 3.4  | 0.0 |
|     |              |            | Min        | I                | 0.0 | 0.0 | -111.9 | -0.8 | -3.7 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -4.4   | -0.8 | -1.8 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -4.4   | -0.8 | -5.7 | 0.0 |
|     |              |            | PP         | I                | 0.0 | 0.0 | 0.4    | -0.2 | 0.2  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.4    | -0.2 | -0.0 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.4    | -0.2 | -0.2 | 0.0 |
|     |              |            | perm       | I                | 0.0 | 0.0 | -1.3   | 0.1  | -0.8 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.3   | 0.1  | -0.1 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -1.3   | 0.1  | 0.6  | 0.0 |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 524 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.4   | 1.3  | 6.5  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 11.8   | 1.3  | 1.9  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 11.8   | 1.3  | 3.7  | 0.0 |
|     |              |            | Min        | I                | 0.0 | 0.0 | -112.3 | -0.8 | -3.8 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -4.7   | -0.8 | -2.0 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -4.7   | -0.8 | -5.7 | 0.0 |
|     |              |            | PP         | I                | 0.0 | 0.0 | 0.5    | -0.1 | 0.2  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.5    | -0.1 | -0.0 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.5    | -0.1 | -0.3 | 0.0 |
|     |              |            | perm       | I                | 0.0 | 0.0 | -1.4   | 0.1  | -0.8 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -1.4   | 0.1  | -0.1 | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | -1.4   | 0.1  | 0.6  | 0.0 |
|     |              |            | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     | Length = 2.2 |            | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 525 | 2            | 3 c mobili | Max        | I                | 0.0 | 0.0 | 10.3   | 1.2  | 6.6  | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | 11.8   | 1.2  | 2.0  | 0.0 |
|     |              |            |            | J                | 0.0 | 0.0 | 11.8   | 1.2  | 3.9  | 0.0 |
|     |              |            | Min        | I                | 0.0 | 0.0 | -112.7 | -0.7 | -3.9 | 0.0 |
|     |              |            |            | CNT              | 0.0 | 0.0 | -4.9   | -0.7 | -2.1 | 0.0 |

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|     |   |              |            |                  |     |      |        |      |      |     |
|-----|---|--------------|------------|------------------|-----|------|--------|------|------|-----|
|     |   |              | J          | 0.0              | 0.0 | -4.9 | -0.7   | -5.7 | 0.0  |     |
|     |   | PP           | I          | 0.0              | 0.0 | 0.5  | -0.1   | 0.2  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.5  | -0.1   | -0.0 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.5  | -0.1   | -0.3 | 0.0  |     |
|     |   | perm         | I          | 0.0              | 0.0 | -1.4 | 0.1    | -0.8 | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | -1.4 | 0.1    | -0.1 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | -1.4 | 0.1    | 0.7  | 0.0  |     |
|     |   | acc          | I          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |      |        |      |      |     |
| 526 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0  | 10.3   | 1.1  | 6.7  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | 11.8   | 1.1  | 2.2  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | 11.8   | 1.1  | 4.1  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0  | -112.9 | -0.7 | -4.0 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | -5.1   | -0.7 | -2.2 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | -5.1   | -0.7 | -5.7 | 0.0 |
|     |   | PP           | I          | 0.0              | 0.0 | 0.5  | -0.1   | 0.2  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.5  | -0.1   | -0.0 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.5  | -0.1   | -0.3 | 0.0  |     |
|     |   | perm         | I          | 0.0              | 0.0 | -1.4 | 0.1    | -0.8 | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | -1.4 | 0.1    | -0.1 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | -1.4 | 0.1    | 0.7  | 0.0  |     |
|     |   | acc          | I          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |      |        |      |      |     |
| 527 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0  | 10.3   | 1.1  | 6.8  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | 11.9   | 1.1  | 2.3  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | 11.9   | 1.1  | 4.2  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0  | -113.1 | -0.6 | -4.0 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | -5.2   | -0.6 | -2.3 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | -5.2   | -0.6 | -5.6 | 0.0 |
|     |   | PP           | I          | 0.0              | 0.0 | 0.6  | -0.1   | 0.3  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.6  | -0.1   | -0.0 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.6  | -0.1   | -0.3 | 0.0  |     |
|     |   | perm         | I          | 0.0              | 0.0 | -1.5 | 0.1    | -0.8 | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | -1.5 | 0.1    | -0.1 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | -1.5 | 0.1    | 0.7  | 0.0  |     |
|     |   | acc          | I          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |      |        |      |      |     |
| 528 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0  | 10.3   | 1.0  | 6.9  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | 11.9   | 1.0  | 2.4  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | 11.9   | 1.0  | 4.3  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0  | -113.2 | -0.6 | -4.1 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | -5.3   | -0.6 | -2.4 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | -5.3   | -0.6 | -5.6 | 0.0 |
|     |   | PP           | I          | 0.0              | 0.0 | 0.6  | -0.1   | 0.3  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.6  | -0.1   | -0.0 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.6  | -0.1   | -0.4 | 0.0  |     |
|     |   | perm         | I          | 0.0              | 0.0 | -1.5 | 0.1    | -0.9 | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | -1.5 | 0.1    | -0.1 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | -1.5 | 0.1    | 0.7  | 0.0  |     |
|     |   | acc          | I          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |      |        |      |      |     |
| 529 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0  | 10.3   | 0.9  | 7.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | 11.9   | 0.9  | 2.5  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | 11.9   | 0.9  | 4.4  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0  | -113.3 | -0.5 | -4.1 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0  | -5.3   | -0.5 | -2.4 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0  | -5.3   | -0.5 | -5.6 | 0.0 |
|     |   | PP           | I          | 0.0              | 0.0 | 0.6  | -0.1   | 0.3  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.6  | -0.1   | -0.1 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.6  | -0.1   | -0.4 | 0.0  |     |
|     |   | perm         | I          | 0.0              | 0.0 | -1.5 | 0.1    | -0.9 | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | -1.5 | 0.1    | -0.1 | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | -1.5 | 0.1    | 0.7  | 0.0  |     |
|     |   | acc          | I          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | CNT        | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   |              | J          | 0.0              | 0.0 | 0.0  | 0.0    | 0.0  | 0.0  |     |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |      |        |      |      |     |

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|              |   |            |                  |     |     |     |        |      |      |     |
|--------------|---|------------|------------------|-----|-----|-----|--------|------|------|-----|
| 530          | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.9  | 7.0  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 11.9   | 0.9  | 2.6  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 11.9   | 0.9  | 4.4  | 0.0 |
|              |   |            | Min              | I   | 0.0 | 0.0 | -113.4 | -0.5 | -4.1 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.5 | -2.5 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.5 | -5.5 | 0.0 |
|              |   |            | PP               | I   | 0.0 | 0.0 | 0.6    | -0.1 | 0.3  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.6    | -0.1 | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.6    | -0.1 | -0.4 | 0.0 |
|              |   |            | perm             | I   | 0.0 | 0.0 | -1.5   | 0.1  | -0.9 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -1.5   | 0.1  | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -1.5   | 0.1  | 0.7  | 0.0 |
|              |   |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
| Length = 2.2 |   | Type: Beam | Section: soletta |     |     |     |        |      |      |     |
| 531          | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.8  | 7.1  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.8  | 2.6  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.8  | 4.5  | 0.0 |
|              |   |            | Min              | I   | 0.0 | 0.0 | -113.5 | -0.5 | -4.1 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.5 | -2.6 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.5 | -5.5 | 0.0 |
|              |   |            | PP               | I   | 0.0 | 0.0 | 0.7    | -0.1 | 0.3  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.7    | -0.1 | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.7    | -0.1 | -0.4 | 0.0 |
|              |   |            | perm             | I   | 0.0 | 0.0 | -1.5   | 0.0  | -0.9 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -1.5   | 0.0  | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -1.5   | 0.0  | 0.7  | 0.0 |
|              |   |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
| Length = 2.2 |   | Type: Beam | Section: soletta |     |     |     |        |      |      |     |
| 532          | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.7  | 7.1  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.7  | 2.7  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.7  | 4.5  | 0.0 |
|              |   |            | Min              | I   | 0.0 | 0.0 | -113.5 | -0.5 | -4.1 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.5 | -2.6 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.5 | -5.5 | 0.0 |
|              |   |            | PP               | I   | 0.0 | 0.0 | 0.7    | -0.0 | 0.3  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.7    | -0.0 | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.7    | -0.0 | -0.4 | 0.0 |
|              |   |            | perm             | I   | 0.0 | 0.0 | -1.5   | 0.0  | -0.9 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -1.5   | 0.0  | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -1.5   | 0.0  | 0.8  | 0.0 |
|              |   |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
| Length = 2.2 |   | Type: Beam | Section: soletta |     |     |     |        |      |      |     |
| 533          | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.7  | 7.2  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.7  | 2.7  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.7  | 4.4  | 0.0 |
|              |   |            | Min              | I   | 0.0 | 0.0 | -113.5 | -0.5 | -4.2 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.5 | -2.6 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.5 | -5.5 | 0.0 |
|              |   |            | PP               | I   | 0.0 | 0.0 | 0.7    | -0.0 | 0.3  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.7    | -0.0 | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.7    | -0.0 | -0.4 | 0.0 |
|              |   |            | perm             | I   | 0.0 | 0.0 | -1.6   | 0.0  | -0.9 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -1.6   | 0.0  | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -1.6   | 0.0  | 0.8  | 0.0 |
|              |   |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
| Length = 2.2 |   | Type: Beam | Section: soletta |     |     |     |        |      |      |     |
| 534          | 2 | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.6  | 7.2  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.6  | 2.7  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.6  | 4.4  | 0.0 |
|              |   |            | Min              | I   | 0.0 | 0.0 | -113.6 | -0.5 | -4.2 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.5 | -2.6 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.5 | -5.5 | 0.0 |
|              |   |            | PP               | I   | 0.0 | 0.0 | 0.7    | -0.0 | 0.3  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.7    | -0.0 | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.7    | -0.0 | -0.4 | 0.0 |
|              |   |            | perm             | I   | 0.0 | 0.0 | -1.6   | 0.0  | -0.9 | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | -1.6   | 0.0  | -0.1 | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | -1.6   | 0.0  | 0.8  | 0.0 |
|              |   |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|              |   |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |

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|     |              |            |                  |     |     |     |        |      |      |     |     |
|-----|--------------|------------|------------------|-----|-----|-----|--------|------|------|-----|-----|
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     | Length = 2.2 | Type: Beam | Section: soletta |     |     |     |        |      |      |     |     |
| 535 | 2            | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.6  | 7.2  | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.6  | 2.7  | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.6  | 4.3  | 0.0 |     |
|     |              |            | Min              | I   | 0.0 | 0.0 | -113.6 | -0.6 | -4.2 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -5.3   | -0.6 | -2.6 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -5.3   | -0.6 | -5.5 | 0.0 |     |
|     |              |            |                  | PP  | I   | 0.0 | 0.0    | 0.7  | 0.0  | 0.3 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.7    | 0.0  | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.7    | 0.0  | -0.4 | 0.0 |     |
|     |              |            | perm             | I   | 0.0 | 0.0 | -1.6   | 0.0  | -0.9 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -1.6   | 0.0  | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -1.6   | 0.0  | 0.8  | 0.0 |     |
|     |              |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     | Length = 2.2 | Type: Beam | Section: soletta |     |     |     |        |      |      |     |     |
| 536 | 2            | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.5  | 7.2  | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.5  | 2.7  | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.5  | 4.4  | 0.0 |     |
|     |              |            | Min              | I   | 0.0 | 0.0 | -113.6 | -0.6 | -4.2 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.6 | -2.6 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.6 | -5.5 | 0.0 |     |
|     |              |            |                  | PP  | I   | 0.0 | 0.0    | 0.7  | 0.0  | 0.3 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.7    | 0.0  | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.7    | 0.0  | -0.4 | 0.0 |     |
|     |              |            | perm             | I   | 0.0 | 0.0 | -1.6   | -0.0 | -0.9 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -1.6   | -0.0 | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -1.6   | -0.0 | 0.8  | 0.0 |     |
|     |              |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     | Length = 2.2 | Type: Beam | Section: soletta |     |     |     |        |      |      |     |     |
| 537 | 2            | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.5  | 7.2  | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.5  | 2.7  | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.5  | 4.4  | 0.0 |     |
|     |              |            | Min              | I   | 0.0 | 0.0 | -113.5 | -0.7 | -4.2 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.7 | -2.6 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.7 | -5.5 | 0.0 |     |
|     |              |            |                  | PP  | I   | 0.0 | 0.0    | 0.7  | 0.0  | 0.3 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.7    | 0.0  | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.7    | 0.0  | -0.4 | 0.0 |     |
|     |              |            | perm             | I   | 0.0 | 0.0 | -1.6   | -0.0 | -0.9 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -1.6   | -0.0 | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -1.6   | -0.0 | 0.8  | 0.0 |     |
|     |              |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     | Length = 2.2 | Type: Beam | Section: soletta |     |     |     |        |      |      |     |     |
| 538 | 2            | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.5  | 7.1  | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.5  | 2.7  | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.5  | 4.5  | 0.0 |     |
|     |              |            | Min              | I   | 0.0 | 0.0 | -113.5 | -0.7 | -4.1 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.7 | -2.6 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.7 | -5.5 | 0.0 |     |
|     |              |            |                  | PP  | I   | 0.0 | 0.0    | 0.7  | 0.0  | 0.3 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.7    | 0.0  | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.7    | 0.0  | -0.4 | 0.0 |     |
|     |              |            | perm             | I   | 0.0 | 0.0 | -1.5   | -0.0 | -0.9 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -1.5   | -0.0 | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -1.5   | -0.0 | 0.8  | 0.0 |     |
|     |              |            | acc              | I   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 | 0.0 |
|     | Length = 2.2 | Type: Beam | Section: soletta |     |     |     |        |      |      |     |     |
| 539 | 2            | 3 c mobili | Max              | I   | 0.0 | 0.0 | 10.3   | 0.5  | 7.1  | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | 11.8   | 0.5  | 2.6  | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 11.8   | 0.5  | 4.5  | 0.0 |     |
|     |              |            | Min              | I   | 0.0 | 0.0 | -113.5 | -0.8 | -4.1 | 0.0 |     |
|     |              |            |                  | CNT | 0.0 | 0.0 | -5.4   | -0.8 | -2.6 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | -5.4   | -0.8 | -5.5 | 0.0 |     |
|     |              |            |                  | PP  | I   | 0.0 | 0.0    | 0.7  | 0.1  | 0.3 | 0.0 |
|     |              |            |                  | CNT | 0.0 | 0.0 | 0.7    | 0.1  | -0.1 | 0.0 |     |
|     |              |            |                  | J   | 0.0 | 0.0 | 0.7    | 0.1  | -0.4 | 0.0 |     |

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|     |   |              |            |                  |     |     |        |      |      |     |
|-----|---|--------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.5   | -0.0 | -0.9 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.5   | -0.0 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.5   | -0.0 | 0.7  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 540 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.3   | 0.5  | 7.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.9   | 0.5  | 2.6  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.9   | 0.5  | 4.4  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -113.4 | -0.9 | -4.1 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -5.4   | -0.9 | -2.5 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -5.4   | -0.9 | -5.5 | 0.0 |
|     |   |              | PP         | I                | 0.0 | 0.0 | 0.6    | 0.1  | 0.3  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.6    | 0.1  | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.6    | 0.1  | -0.4 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.5   | -0.1 | -0.9 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.5   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.5   | -0.1 | 0.7  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 541 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.3   | 0.5  | 7.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.9   | 0.5  | 2.5  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.9   | 0.5  | 4.4  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -113.3 | -0.9 | -4.1 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -5.3   | -0.9 | -2.4 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -5.3   | -0.9 | -5.6 | 0.0 |
|     |   |              | PP         | I                | 0.0 | 0.0 | 0.6    | 0.1  | 0.3  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.6    | 0.1  | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.6    | 0.1  | -0.4 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.5   | -0.1 | -0.9 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.5   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.5   | -0.1 | 0.7  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 542 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.3   | 0.6  | 6.9  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.9   | 0.6  | 2.4  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.9   | 0.6  | 4.3  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -113.2 | -1.0 | -4.1 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -5.3   | -1.0 | -2.4 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -5.3   | -1.0 | -5.6 | 0.0 |
|     |   |              | PP         | I                | 0.0 | 0.0 | 0.6    | 0.1  | 0.3  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.6    | 0.1  | -0.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.6    | 0.1  | -0.4 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.5   | -0.1 | -0.9 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.5   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.5   | -0.1 | 0.7  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 543 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.3   | 0.6  | 6.8  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.9   | 0.6  | 2.3  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.9   | 0.6  | 4.2  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -113.1 | -1.1 | -4.0 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -5.2   | -1.1 | -2.3 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -5.2   | -1.1 | -5.6 | 0.0 |
|     |   |              | PP         | I                | 0.0 | 0.0 | 0.6    | 0.1  | 0.3  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.6    | 0.1  | -0.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.6    | 0.1  | -0.3 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.5   | -0.1 | -0.8 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.5   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.5   | -0.1 | 0.7  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 544 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.3   | 0.7  | 6.7  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.8   | 0.7  | 2.2  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.8   | 0.7  | 4.1  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -112.9 | -1.1 | -4.0 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -5.1   | -1.1 | -2.2 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -5.1   | -1.1 | -5.7 | 0.0 |



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|     |   |              |            |                  |     |     |        |      |      |     |
|-----|---|--------------|------------|------------------|-----|-----|--------|------|------|-----|
|     |   |              | pp         | I                | 0.0 | 0.0 | 0.5    | 0.1  | 0.2  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.5    | 0.1  | -0.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.5    | 0.1  | -0.3 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.4   | -0.1 | -0.8 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.4   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.4   | -0.1 | 0.7  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 545 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.3   | 0.7  | 6.6  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.8   | 0.7  | 2.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.8   | 0.7  | 3.9  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -112.7 | -1.2 | -3.9 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -4.9   | -1.2 | -2.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -4.9   | -1.2 | -5.7 | 0.0 |
|     |   |              | pp         | I                | 0.0 | 0.0 | 0.5    | 0.1  | 0.2  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.5    | 0.1  | -0.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.5    | 0.1  | -0.3 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.4   | -0.1 | -0.8 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.4   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.4   | -0.1 | 0.7  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 546 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.4   | 0.8  | 6.5  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.8   | 0.8  | 1.9  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.8   | 0.8  | 3.7  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -112.3 | -1.3 | -3.8 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -4.7   | -1.3 | -2.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -4.7   | -1.3 | -5.7 | 0.0 |
|     |   |              | pp         | I                | 0.0 | 0.0 | 0.5    | 0.1  | 0.2  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.5    | 0.1  | -0.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.5    | 0.1  | -0.3 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.4   | -0.1 | -0.8 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.4   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.4   | -0.1 | 0.6  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 547 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.4   | 0.8  | 6.4  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.9   | 0.8  | 1.8  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.9   | 0.8  | 3.4  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -111.9 | -1.3 | -3.7 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -4.4   | -1.3 | -1.8 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -4.4   | -1.3 | -5.7 | 0.0 |
|     |   |              | pp         | I                | 0.0 | 0.0 | 0.4    | 0.2  | 0.2  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.4    | 0.2  | -0.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.4    | 0.2  | -0.2 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.3   | -0.1 | -0.8 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.3   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.3   | -0.1 | 0.6  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 548 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.5   | 0.9  | 6.2  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 11.9   | 0.9  | 1.6  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 11.9   | 0.9  | 3.1  | 0.0 |
|     |   |              | Min        | I                | 0.0 | 0.0 | -111.5 | -1.4 | -3.6 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -4.1   | -1.4 | -1.7 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -4.1   | -1.4 | -5.8 | 0.0 |
|     |   |              | pp         | I                | 0.0 | 0.0 | 0.3    | 0.2  | 0.2  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.3    | 0.2  | -0.0 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.3    | 0.2  | -0.2 | 0.0 |
|     |   |              | perm       | I                | 0.0 | 0.0 | -1.2   | -0.1 | -0.7 | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | -1.2   | -0.1 | -0.1 | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | -1.2   | -0.1 | 0.5  | 0.0 |
|     |   |              | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   |              |            | J                | 0.0 | 0.0 | 0.0    | 0.0  | 0.0  | 0.0 |
|     |   | Length = 2.2 | Type: Beam | Section: soletta |     |     |        |      |      |     |
| 549 | 2 | 3 c mobili   | Max        | I                | 0.0 | 0.0 | 10.5   | 0.9  | 6.1  | 0.0 |

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|     |   |              |            |     |     |                  |      |      |     |     |
|-----|---|--------------|------------|-----|-----|------------------|------|------|-----|-----|
|     |   |              | CNT        | 0.0 | 0.0 | 12.0             | 0.9  | 1.4  | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 12.0             | 0.9  | 2.7  | 0.0 |     |
|     |   | Min          | I          | 0.0 | 0.0 | -111.1           | -1.5 | -3.5 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -3.6             | -1.5 | -1.5 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -3.6             | -1.5 | -6.0 | 0.0 |     |
|     |   | PP           | I          | 0.0 | 0.0 | 0.3              | 0.2  | 0.1  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.3              | 0.2  | -0.0 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.3              | 0.2  | -0.2 | 0.0 |     |
|     |   | perm         | I          | 0.0 | 0.0 | -1.1             | -0.1 | -0.7 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -1.1             | -0.1 | -0.1 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -1.1             | -0.1 | 0.5  | 0.0 |     |
|     |   | acc          | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2.2 | Type: Beam |     |     | Section: soletta |      |      |     |     |
| 550 | 2 | 3 c mobili   | Max        | I   | 0.0 | 0.0              | 10.5 | 0.9  | 6.0 | 0.0 |
|     |   |              |            | CNT | 0.0 | 0.0              | 12.0 | 0.9  | 1.3 | 0.0 |
|     |   |              |            | J   | 0.0 | 0.0              | 12.0 | 0.9  | 2.2 | 0.0 |
|     |   | Min          | I          | 0.0 | 0.0 | -110.6           | -1.5 | -3.3 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -3.1             | -1.5 | -1.4 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -3.1             | -1.5 | -6.1 | 0.0 |     |
|     |   | PP           | I          | 0.0 | 0.0 | 0.2              | 0.2  | 0.1  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.2              | 0.2  | -0.0 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.2              | 0.2  | -0.1 | 0.0 |     |
|     |   | perm         | I          | 0.0 | 0.0 | -1.0             | -0.1 | -0.6 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -1.0             | -0.1 | -0.1 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -1.0             | -0.1 | 0.4  | 0.0 |     |
|     |   | acc          | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2.2 | Type: Beam |     |     | Section: soletta |      |      |     |     |
| 551 | 2 | 3 c mobili   | Max        | I   | 0.0 | 0.0              | 10.5 | 1.0  | 5.8 | 0.0 |
|     |   |              |            | CNT | 0.0 | 0.0              | 12.3 | 1.0  | 1.1 | 0.0 |
|     |   |              |            | J   | 0.0 | 0.0              | 12.3 | 1.0  | 1.7 | 0.0 |
|     |   | Min          | I          | 0.0 | 0.0 | -110.0           | -1.6 | -3.0 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -2.3             | -1.6 | -1.2 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -2.3             | -1.6 | -6.5 | 0.0 |     |
|     |   | PP           | I          | 0.0 | 0.0 | 0.1              | 0.2  | 0.1  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.1              | 0.2  | -0.0 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.1              | 0.2  | -0.1 | 0.0 |     |
|     |   | perm         | I          | 0.0 | 0.0 | -0.8             | -0.2 | -0.6 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -0.8             | -0.2 | -0.1 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -0.8             | -0.2 | 0.3  | 0.0 |     |
|     |   | acc          | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2.2 | Type: Beam |     |     | Section: soletta |      |      |     |     |
| 552 | 2 | 3 c mobili   | Max        | I   | 0.0 | 0.0              | 10.6 | 1.0  | 5.5 | 0.0 |
|     |   |              |            | CNT | 0.0 | 0.0              | 13.0 | 1.0  | 0.9 | 0.0 |
|     |   |              |            | J   | 0.0 | 0.0              | 13.0 | 1.0  | 1.3 | 0.0 |
|     |   | Min          | I          | 0.0 | 0.0 | -109.4           | -1.6 | -2.7 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -1.4             | -1.6 | -1.1 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -1.4             | -1.6 | -7.0 | 0.0 |     |
|     |   | PP           | I          | 0.0 | 0.0 | 0.0              | 0.2  | 0.0  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.0              | 0.2  | 0.0  | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.0              | 0.2  | -0.0 | 0.0 |     |
|     |   | perm         | I          | 0.0 | 0.0 | -0.6             | -0.2 | -0.5 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -0.6             | -0.2 | -0.1 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -0.6             | -0.2 | 0.2  | 0.0 |     |
|     |   | acc          | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   | Length = 2.2 | Type: Beam |     |     | Section: soletta |      |      |     |     |
| 553 | 2 | 3 c mobili   | Max        | I   | 0.0 | 0.0              | 11.3 | 1.1  | 5.6 | 0.0 |
|     |   |              |            | CNT | 0.0 | 0.0              | 13.7 | 1.1  | 0.7 | 0.0 |
|     |   |              |            | J   | 0.0 | 0.0              | 13.7 | 1.1  | 1.1 | 0.0 |
|     |   | Min          | I          | 0.0 | 0.0 | -108.8           | -1.7 | -2.4 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -1.0             | -1.7 | -1.0 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -1.0             | -1.7 | -7.6 | 0.0 |     |
|     |   | PP           | I          | 0.0 | 0.0 | -0.0             | 0.2  | -0.0 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -0.0             | 0.2  | 0.0  | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -0.0             | 0.2  | 0.0  | 0.0 |     |
|     |   | perm         | I          | 0.0 | 0.0 | -0.3             | -0.2 | -0.3 | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | -0.3             | -0.2 | -0.1 | 0.0 |     |
|     |   |              | J          | 0.0 | 0.0 | -0.3             | -0.2 | 0.0  | 0.0 |     |
|     |   | acc          | I          | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |
|     |   |              | CNT        | 0.0 | 0.0 | 0.0              | 0.0  | 0.0  | 0.0 |     |

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|     |              |            |                  |      |     |     |        |       |       |      |     |
|-----|--------------|------------|------------------|------|-----|-----|--------|-------|-------|------|-----|
|     |              |            | J                |      | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  | 0.0 |
|     | Length = 2.2 | Type: Beam | Section: soletta |      |     |     |        |       |       |      |     |
| 554 | 2            | 3 c mobili | Max              | I    | 0.0 | 0.0 | 12.1   | 1.1   | 5.8   | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 14.3   | 1.1   | 0.6   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 14.3   | 1.1   | 1.4   | 0.0  |     |
|     |              |            | Min              | I    | 0.0 | 0.0 | -108.6 | -1.7  | -2.2  | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -1.7   | -1.7  | -1.0  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -1.7   | -1.7  | -8.1  | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | PP   | I   | 0.0 | 0.0    | -0.1  | 0.2   | -0.0 | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -0.1   | 0.2   | 0.0   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -0.1   | 0.2   | 0.1   | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | perm | I   | 0.0 | 0.0    | 0.0   | -0.2  | -0.1 | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 0.0    | -0.2  | -0.1  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 0.0    | -0.2  | -0.2  | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | acc  | I   | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     | Length = 2.2 | Type: Beam | Section: soletta |      |     |     |        |       |       |      |     |
| 555 | 2            | 3 c mobili | Max              | I    | 0.0 | 0.0 | 12.8   | 1.1   | 6.0   | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 15.2   | 1.1   | 0.5   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 15.2   | 1.1   | 2.0   | 0.0  |     |
|     |              |            | Min              | I    | 0.0 | 0.0 | -108.7 | -1.8  | -2.2  | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -2.9   | -1.8  | -1.0  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -2.9   | -1.8  | -8.6  | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | PP   | I   | 0.0 | 0.0    | -0.1  | 0.2   | -0.0 | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -0.1   | 0.2   | 0.0   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -0.1   | 0.2   | 0.1   | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | perm | I   | 0.0 | 0.0    | 0.5   | -0.2  | 0.1  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 0.5    | -0.2  | -0.2  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 0.5    | -0.2  | -0.4  | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | acc  | I   | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     | Length = 2.2 | Type: Beam | Section: soletta |      |     |     |        |       |       |      |     |
| 556 | 2            | 3 c mobili | Max              | I    | 0.0 | 0.0 | 13.2   | 1.1   | 6.0   | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 16.1   | 1.1   | 0.5   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 16.1   | 1.1   | 3.0   | 0.0  |     |
|     |              |            | Min              | I    | 0.0 | 0.0 | -109.4 | -1.8  | -2.6  | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -4.7   | -1.8  | -1.1  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -4.7   | -1.8  | -9.3  | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | PP   | I   | 0.0 | 0.0    | -0.1  | 0.2   | -0.0 | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -0.1   | 0.2   | 0.1   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -0.1   | 0.2   | 0.1   | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | perm | I   | 0.0 | 0.0    | 1.1   | -0.2  | 0.4  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 1.1    | -0.2  | -0.2  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 1.1    | -0.2  | -0.7  | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | acc  | I   | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     | Length = 2.2 | Type: Beam | Section: soletta |      |     |     |        |       |       |      |     |
| 557 | 2            | 3 c mobili | Max              | I    | 0.0 | 0.0 | 14.7   | 1.1   | 6.7   | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 17.5   | 1.1   | 0.5   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 17.5   | 1.1   | 4.4   | 0.0  |     |
|     |              |            | Min              | I    | 0.0 | 0.0 | -111.2 | -1.8  | -4.0  | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -7.5   | -1.8  | -1.3  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -7.5   | -1.8  | -10.1 | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | PP   | I   | 0.0 | 0.0    | -0.0  | 0.2   | 0.1  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -0.0   | 0.2   | 0.1   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -0.0   | 0.2   | 0.1   | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | perm | I   | 0.0 | 0.0    | 1.9   | -0.2  | 0.8  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 1.9    | -0.2  | -0.2  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 1.9    | -0.2  | -1.2  | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | acc  | I   | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0   | 0.0   | 0.0  |     |
|     | Length = 2.2 | Type: Beam | Section: soletta |      |     |     |        |       |       |      |     |
| 558 | 3            | 4 c mobili | Max              | I    | 0.0 | 0.0 | 122.7  | 0.0   | 38.7  | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | 123.3  | 0.0   | 21.0  | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | 123.3  | 0.0   | 6.5   | 0.0  |     |
|     |              |            | Min              | I    | 0.0 | 0.0 | -121.8 | -0.1  | -32.7 | 0.0  |     |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -73.3  | -0.1  | -22.1 | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -73.3  | -0.1  | -14.8 | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | PP   | I   | 0.0 | 0.0    | -15.4 | 0.0   | -1.0 | 0.0 |
|     |              |            |                  | CNT  | 0.0 | 0.0 | -9.5   | 0.0   | 0.9   | 0.0  |     |
|     |              |            |                  | J    | 0.0 | 0.0 | -3.6   | 0.0   | 1.9   | 0.0  |     |
|     |              |            |                  |      |     |     |        |       |       |      |     |
|     |              |            |                  | perm | I   | 0.0 | 0.0    | 14.5  | -0.0  | 4.2  | 0.0 |

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|     |               |            |            |     |     |     |                       |      |      |     |
|-----|---------------|------------|------------|-----|-----|-----|-----------------------|------|------|-----|
|     |               |            |            | CNT | 0.0 | 0.0 | 14.5                  | -0.0 | 2.1  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 14.5                  | -0.0 | -0.1 | 0.0 |
|     |               | acc        |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     | Length = 1    |            | Type: Beam |     |     |     | Section: traverso cap |      |      |     |
| 559 | 2             | 4 c mobili | Max        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.3                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.3                   | 0.0  | 0.0  | 0.0 |
|     |               |            | Min        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | -0.1 | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | -0.2 | 0.0 |
|     |               | pp         |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | perm       |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | acc        |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     | Length = 1.25 |            | Type: Beam |     |     |     | Section: traverso cap |      |      |     |
| 560 | 2             | 3 c mobili | Max        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            | Min        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | -0.2 | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | -0.3 | 0.0 |
|     |               | pp         |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | perm       |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | acc        |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     | Length = 1.25 |            | Type: Beam |     |     |     | Section: soletta      |      |      |     |
| 561 | 2             | 3 c mobili | Max        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            | Min        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | -0.2 | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | -0.3 | 0.0 |
|     |               | pp         |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | perm       |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | acc        |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     | Length = 1.25 |            | Type: Beam |     |     |     | Section: soletta      |      |      |     |
| 562 | 2             | 3 c mobili | Max        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            | Min        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | -0.2 | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | -0.3 | 0.0 |
|     |               | pp         |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | perm       |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               | acc        |            | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     | Length = 1.25 |            | Type: Beam |     |     |     | Section: soletta      |      |      |     |
| 563 | 2             | 3 c mobili | Max        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.6                   | 0.0  | 0.0  | 0.0 |
|     |               |            | Min        | I   | 0.0 | 0.0 | 0.0                   | 0.0  | 0.0  | 0.0 |
|     |               |            |            | CNT | 0.0 | 0.0 | 0.0                   | 0.0  | -0.2 | 0.0 |
|     |               |            |            | J   | 0.0 | 0.0 | 0.0                   | 0.0  | -0.3 | 0.0 |

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|     |   |               |            |                  |     |     |     |     |      |     |     |
|-----|---|---------------|------------|------------------|-----|-----|-----|-----|------|-----|-----|
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 564 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 565 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 566 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 567 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 568 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |

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|     |   |               |            |                  |     |     |     |      |     |
|-----|---|---------------|------------|------------------|-----|-----|-----|------|-----|
|     |   |               | J          | 0.0              | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |      |     |
| 569 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |      |     |
| 570 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |      |     |
| 571 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |      |     |
| 572 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0  | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |

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|               |     |            |               |                  |            |                  |                  |     |     |      |     |     |     |
|---------------|-----|------------|---------------|------------------|------------|------------------|------------------|-----|-----|------|-----|-----|-----|
| Length = 1.25 |     | Type: Beam |               | Section: soletta |            |                  |                  |     |     |      |     |     |     |
| 573           | 2   | 3 c mobili | Max           | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.6              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.6              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | Min              | I          | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |
|               |     |            |               |                  | CNT        | 0.0              | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |
|               |     |            |               |                  | J          | 0.0              | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |
|               |     |            | PP            | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | perm          | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | acc           | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | Length = 1.25 |                  | Type: Beam |                  | Section: soletta |     |     |      |     |     |     |
|               |     |            | 574           | 2                | 3 c mobili | Max              | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0 | 0.6  | 0.0 | 0.0 | 0.0 |
| J             | 0.0 | 0.0        |               |                  |            |                  | 0.6              | 0.0 | 0.0 | 0.0  |     |     |     |
| Min           | I   | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |
|               | CNT | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |
|               | J   | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |
| PP            | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
| perm          | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
| acc           | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
| Length = 1.25 |     | Type: Beam |               |                  |            | Section: soletta |                  |     |     |      |     |     |     |
| 575           | 2   | 3 c mobili |               |                  |            | Max              | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0 | 0.6  | 0.0 | 0.0 | 0.0 |
|               |     |            | J             | 0.0              | 0.0        |                  | 0.6              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | Min           | I                | 0.0        |                  | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |
|               |     |            |               | CNT              | 0.0        |                  | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |
|               |     |            |               | J                | 0.0        |                  | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |
|               |     |            | PP            | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | perm          | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | acc           | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | Length = 1.25 |                  | Type: Beam |                  | Section: soletta |     |     |      |     |     |     |
|               |     |            | 576           | 2                | 3 c mobili | Max              | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0 | 0.6  | 0.0 | 0.0 | 0.0 |
| J             | 0.0 | 0.0        |               |                  |            |                  | 0.6              | 0.0 | 0.0 | 0.0  |     |     |     |
| Min           | I   | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |
|               | CNT | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |
|               | J   | 0.0        |               |                  |            |                  | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |
| PP            | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
| perm          | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
| acc           | I   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | CNT | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               | J   | 0.0        |               |                  |            | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
| Length = 1.25 |     | Type: Beam |               |                  |            | Section: soletta |                  |     |     |      |     |     |     |
| 577           | 2   | 3 c mobili |               |                  |            | Max              | I                | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 |
|               |     |            |               |                  |            |                  | CNT              | 0.0 | 0.0 | 0.6  | 0.0 | 0.0 | 0.0 |
|               |     |            | J             | 0.0              | 0.0        |                  | 0.6              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | Min           | I                | 0.0        |                  | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |
|               |     |            |               | CNT              | 0.0        |                  | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |
|               |     |            |               | J                | 0.0        |                  | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |
|               |     |            | PP            | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            | perm          | I                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | CNT              | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |
|               |     |            |               | J                | 0.0        | 0.0              | 0.0              | 0.0 | 0.0 | 0.0  |     |     |     |

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|     |   |               |            |                  |     |     |     |     |      |
|-----|---|---------------|------------|------------------|-----|-----|-----|-----|------|
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 578 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 579 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 580 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 581 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |
| 582 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  |



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|     |   |               |     |            |                  |     |     |     |     |      |     |
|-----|---|---------------|-----|------------|------------------|-----|-----|-----|-----|------|-----|
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 |     | Type: Beam | Section: soletta |     |     |     |     |      |     |
| 583 | 2 | 3 c mobili    | Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 |     | Type: Beam | Section: soletta |     |     |     |     |      |     |
| 584 | 2 | 3 c mobili    | Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 |     | Type: Beam | Section: soletta |     |     |     |     |      |     |
| 585 | 2 | 3 c mobili    | Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 |     | Type: Beam | Section: soletta |     |     |     |     |      |     |
| 586 | 2 | 3 c mobili    | Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   | pp            |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | perm          |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | acc           |     | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 |     | Type: Beam | Section: soletta |     |     |     |     |      |     |
| 587 | 2 | 3 c mobili    | Max | I          | 0.0              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | CNT        | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |     | J          | 0.0              | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |

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|     |   |               |            |                  |     |     |     |     |     |      |     |
|-----|---|---------------|------------|------------------|-----|-----|-----|-----|-----|------|-----|
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 588 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 589 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 590 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |     |      |     |
| 591 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 |

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|               |     |            |                  |     |            |                  |     |     |      |     |     |     |     |
|---------------|-----|------------|------------------|-----|------------|------------------|-----|-----|------|-----|-----|-----|-----|
| Length = 1.25 |     | Type: Beam | Section: soletta |     |            |                  |     |     |      |     |     |     |     |
| 592           | 2   | 3 c mobili | Max              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.6 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.6 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |     |
|               |     |            | PP               | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm             | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | acc              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Length = 1.25    |     | Type: Beam | Section: soletta |     |     |      |     |     |     |     |
|               |     |            | 593              | 2   | 3 c mobili | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.6 | 0.0 | 0.0 | 0.0 |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.6 | 0.0 | 0.0  | 0.0 |     |     |     |
| Min           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |     |
| PP            | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| perm          | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| acc           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| Length = 1.25 |     | Type: Beam |                  |     |            | Section: soletta |     |     |      |     |     |     |     |
| 594           | 2   | 3 c mobili |                  |     |            | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.6 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.6 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |     |
|               |     |            | PP               | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm             | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | acc              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Length = 1.25    |     | Type: Beam | Section: soletta |     |     |      |     |     |     |     |
|               |     |            | 595              | 2   | 3 c mobili | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.6 | 0.0 | 0.0 | 0.0 |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.6 | 0.0 | 0.0  | 0.0 |     |     |     |
| Min           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |     |
| PP            | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| perm          | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| acc           | I   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | CNT | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               | J   | 0.0        |                  |     |            | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
| Length = 1.25 |     | Type: Beam |                  |     |            | Section: soletta |     |     |      |     |     |     |     |
| 596           | 2   | 3 c mobili |                  |     |            | Max              | I   | 0.0 | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  |     |            |                  | CNT | 0.0 | 0.0  | 0.6 | 0.0 | 0.0 | 0.0 |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.6 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | Min              | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | -0.2 | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | -0.3 | 0.0 |     |     |     |
|               |     |            | PP               | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            | perm             | I   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | CNT | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |
|               |     |            |                  | J   | 0.0        | 0.0              | 0.0 | 0.0 | 0.0  | 0.0 |     |     |     |

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|     |   |               |            |                  |     |     |     |     |      |     |     |
|-----|---|---------------|------------|------------------|-----|-----|-----|-----|------|-----|-----|
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 597 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 598 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 599 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 600 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   | Length = 1.25 | Type: Beam | Section: soletta |     |     |     |     |      |     |     |
| 601 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.6 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | -0.2 | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0 | 0.0 | -0.3 | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0 | 0.0 |

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|     |   |               |            |                       |     |       |        |      |      |
|-----|---|---------------|------------|-----------------------|-----|-------|--------|------|------|
|     |   |               | J          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               | CNT        | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               | J          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |       |        |      |      |
| 602 | 2 | 3 c mobili    | Max        | I                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.6    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.6    | 0.0  | 0.0  |
|     |   | Min           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | -0.2 |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | -0.3 |
|     |   | PP            | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |       |        |      |      |
| 603 | 2 | 3 c mobili    | Max        | I                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.6    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.6    | 0.0  | 0.0  |
|     |   | Min           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | -0.2 |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | -0.3 |
|     |   | PP            | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |       |        |      |      |
| 604 | 2 | 3 c mobili    | Max        | I                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.6    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.6    | 0.0  | 0.0  |
|     |   | Min           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | -0.2 |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | -0.3 |
|     |   | PP            | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: soletta      |     |       |        |      |      |
| 605 | 2 | 4 c mobili    | Max        | I                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.3    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.3    | 0.0  | 0.0  |
|     |   | Min           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | -0.1 |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | -0.2 |
|     |   | PP            | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | perm          | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | acc           | I          | 0.0                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   |               |            | J                     | 0.0 | 0.0   | 0.0    | 0.0  | 0.0  |
|     |   | Length = 1.25 | Type: Beam | Section: traverso cap |     |       |        |      |      |
| 606 | 3 | 10 c mobili   | Max        | I                     | 0.0 | 0.0   | 213.9  | 77.9 | 0.0  |
|     |   |               |            | CNT                   | 0.0 | 0.0   | 213.9  | 77.9 | 18.4 |
|     |   |               |            | J                     | 0.0 | 0.0   | 213.9  | 77.9 | 36.7 |
|     |   | Min           | I          | 0.0                   | 0.0 | -73.3 | -145.8 | -0.1 | 0.0  |

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|     |   |              |            |               |     |        |        |        |        |     |
|-----|---|--------------|------------|---------------|-----|--------|--------|--------|--------|-----|
|     |   |              | CNT        | 0.0           | 0.0 | -73.3  | -145.8 | -53.5  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -73.3  | -145.8 | -107.0 | 0.0    |     |
|     |   | pp           | I          | 0.0           | 0.0 | 2.0    | 8.1    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 8.1    | 8.1    | -1.3   | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 14.3   | 8.1    | -4.1   | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | 14.5   | -17.5  | -0.0   | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 17.2   | -17.5  | -4.0   | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 20.0   | -17.5  | -8.6   | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 607 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 6.8    | 85.9   | 37.7   | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 6.8    | 85.9   | 74.1   | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 6.8    | 85.9   | 155.2  | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -360.7 | -158.7 | -107.6 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -360.7 | -158.7 | -78.2  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -360.7 | -158.7 | -70.0  | 0.0 |
|     |   | pp           | I          | 0.0           | 0.0 | -276.5 | 8.2    | -3.9   | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -270.4 | 8.2    | 64.5   | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -264.3 | 8.2    | 131.4  | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -98.9  | -19.5  | -8.8   | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -96.2  | -19.5  | 15.6   | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -93.4  | -19.5  | 39.3   | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 608 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 6.1    | 90.8   | 155.0  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 6.1    | 90.8   | 234.5  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 6.1    | 90.8   | 319.4  | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -340.5 | -166.9 | -70.1  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -340.5 | -166.9 | -67.0  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -340.5 | -166.9 | -64.5  | 0.0 |
|     |   | pp           | I          | 0.0           | 0.0 | -264.5 | 8.4    | 131.6  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -258.4 | 8.4    | 196.9  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -252.2 | 8.4    | 260.7  | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -92.3  | -20.7  | 39.1   | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -89.6  | -20.7  | 61.8   | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -86.8  | -20.7  | 83.9   | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 609 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 5.3    | 93.3   | 319.0  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 5.3    | 93.3   | 389.1  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 5.3    | 93.3   | 469.3  | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -321.0 | -171.3 | -64.5  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -321.0 | -171.3 | -62.5  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -321.0 | -171.3 | -60.6  | 0.0 |
|     |   | pp           | I          | 0.0           | 0.0 | -252.4 | 8.5    | 260.9  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -246.3 | 8.5    | 323.3  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -240.2 | 8.5    | 384.1  | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -86.3  | -21.4  | 83.7   | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -83.6  | -21.4  | 104.9  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -80.8  | -21.4  | 125.5  | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 610 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 10.3   | 93.8   | 468.7  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 10.3   | 93.8   | 529.2  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 10.3   | 93.8   | 604.8  | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -303.1 | -172.8 | -60.6  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -303.1 | -172.8 | -59.0  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -303.1 | -172.8 | -57.4  | 0.0 |
|     |   | pp           | I          | 0.0           | 0.0 | -240.3 | 8.7    | 384.3  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -234.2 | 8.7    | 443.6  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -228.1 | 8.7    | 501.4  | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -80.8  | -21.5  | 125.3  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -78.1  | -21.5  | 145.2  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -75.3  | -21.5  | 164.3  | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |

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|     |      |             |     |     |        |        |       |      |       |     |
|-----|------|-------------|-----|-----|--------|--------|-------|------|-------|-----|
| 611 | 3    | 10 c mobili | Max | I   | 0.0    | 0.0    | 22.7  | 92.9 | 604.2 | 0.0 |
|     |      |             |     | CNT | 0.0    | 0.0    | 22.7  | 92.9 | 655.6 | 0.0 |
|     |      |             |     | J   | 0.0    | 0.0    | 22.7  | 92.9 | 727.0 | 0.0 |
|     | Min  | I           | 0.0 | 0.0 | -287.1 | -172.0 | -57.4 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -287.1 | -172.0 | -56.1 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -287.1 | -172.0 | -54.8 | 0.0  |       |     |
|     | PP   | I           | 0.0 | 0.0 | -228.1 | 8.7    | 501.6 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -222.0 | 8.7    | 557.9 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -215.9 | 8.7    | 612.6 | 0.0  |       |     |
|     | perm | I           | 0.0 | 0.0 | -75.7  | -21.3  | 164.2 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -72.9  | -21.3  | 182.7 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -70.2  | -21.3  | 200.6 | 0.0  |       |     |
|     | acc  | I           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |

Length = 0.5      Type: Beam      Section: scat

|     |      |             |     |     |        |        |       |      |       |     |
|-----|------|-------------|-----|-----|--------|--------|-------|------|-------|-----|
| 612 | 3    | 10 c mobili | Max | I   | 0.0    | 0.0    | 34.9  | 90.9 | 726.3 | 0.0 |
|     |      |             |     | CNT | 0.0    | 0.0    | 34.9  | 90.9 | 769.6 | 0.0 |
|     |      |             |     | J   | 0.0    | 0.0    | 34.9  | 90.9 | 837.2 | 0.0 |
|     | Min  | I           | 0.0 | 0.0 | -272.9 | -169.5 | -54.7 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -272.9 | -169.5 | -53.6 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -272.9 | -169.5 | -52.4 | 0.0  |       |     |
|     | PP   | I           | 0.0 | 0.0 | -215.9 | 8.7    | 612.8 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -209.8 | 8.7    | 666.0 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -203.6 | 8.7    | 717.7 | 0.0  |       |     |
|     | perm | I           | 0.0 | 0.0 | -70.8  | -20.8  | 200.5 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -68.0  | -20.8  | 217.8 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -65.3  | -20.8  | 234.5 | 0.0  |       |     |
|     | acc  | I           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |

Length = 0.5      Type: Beam      Section: scat

|     |      |             |     |     |        |        |       |      |       |     |
|-----|------|-------------|-----|-----|--------|--------|-------|------|-------|-----|
| 613 | 3    | 10 c mobili | Max | I   | 0.0    | 0.0    | 45.8  | 88.2 | 836.6 | 0.0 |
|     |      |             |     | CNT | 0.0    | 0.0    | 45.8  | 88.2 | 873.1 | 0.0 |
|     |      |             |     | J   | 0.0    | 0.0    | 45.8  | 88.2 | 936.5 | 0.0 |
|     | Min  | I           | 0.0 | 0.0 | -260.3 | -165.8 | -52.4 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -260.3 | -165.8 | -51.4 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -260.3 | -165.8 | -50.4 | 0.0  |       |     |
|     | PP   | I           | 0.0 | 0.0 | -203.5 | 8.6    | 717.9 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -197.4 | 8.6    | 768.0 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -191.3 | 8.6    | 816.6 | 0.0  |       |     |
|     | perm | I           | 0.0 | 0.0 | -66.1  | -20.1  | 234.3 | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | -63.4  | -20.1  | 250.5 | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | -60.6  | -20.1  | 266.0 | 0.0  |       |     |
|     | acc  | I           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |
|     |      | CNT         | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |
|     |      | J           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |       |     |

Length = 0.5      Type: Beam      Section: scat

|     |      |             |     |     |        |        |       |      |        |     |
|-----|------|-------------|-----|-----|--------|--------|-------|------|--------|-----|
| 614 | 3    | 10 c mobili | Max | I   | 0.0    | 0.0    | 55.5  | 85.1 | 935.9  | 0.0 |
|     |      |             |     | CNT | 0.0    | 0.0    | 55.5  | 85.1 | 969.1  | 0.0 |
|     |      |             |     | J   | 0.0    | 0.0    | 55.5  | 85.1 | 1026.1 | 0.0 |
|     | Min  | I           | 0.0 | 0.0 | -249.0 | -162.8 | -50.3 | 0.0  |        |     |
|     |      | CNT         | 0.0 | 0.0 | -249.0 | -162.8 | -49.4 | 0.0  |        |     |
|     |      | J           | 0.0 | 0.0 | -249.0 | -162.8 | -48.4 | 0.0  |        |     |
|     | PP   | I           | 0.0 | 0.0 | -191.1 | 8.4    | 816.8 | 0.0  |        |     |
|     |      | CNT         | 0.0 | 0.0 | -185.0 | 8.4    | 863.8 | 0.0  |        |     |
|     |      | J           | 0.0 | 0.0 | -178.9 | 8.4    | 909.3 | 0.0  |        |     |
|     | perm | I           | 0.0 | 0.0 | -61.6  | -19.3  | 265.9 | 0.0  |        |     |
|     |      | CNT         | 0.0 | 0.0 | -58.9  | -19.3  | 280.9 | 0.0  |        |     |
|     |      | J           | 0.0 | 0.0 | -56.1  | -19.3  | 295.3 | 0.0  |        |     |
|     | acc  | I           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |        |     |
|     |      | CNT         | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |        |     |
|     |      | J           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0   | 0.0  |        |     |

Length = 0.5      Type: Beam      Section: scat

|     |      |             |     |     |        |        |       |      |        |     |
|-----|------|-------------|-----|-----|--------|--------|-------|------|--------|-----|
| 615 | 3    | 10 c mobili | Max | I   | 0.0    | 0.0    | 64.3  | 81.6 | 1025.5 | 0.0 |
|     |      |             |     | CNT | 0.0    | 0.0    | 64.3  | 81.6 | 1055.7 | 0.0 |
|     |      |             |     | J   | 0.0    | 0.0    | 64.3  | 81.6 | 1106.9 | 0.0 |
|     | Min  | I           | 0.0 | 0.0 | -238.9 | -159.4 | -48.4 | 0.0  |        |     |
|     |      | CNT         | 0.0 | 0.0 | -238.9 | -159.4 | -47.5 | 0.0  |        |     |
|     |      | J           | 0.0 | 0.0 | -238.9 | -159.4 | -46.6 | 0.0  |        |     |
|     | PP   | I           | 0.0 | 0.0 | -178.6 | 8.1    | 909.4 | 0.0  |        |     |
|     |      | CNT         | 0.0 | 0.0 | -172.5 | 8.1    | 953.3 | 0.0  |        |     |
|     |      | J           | 0.0 | 0.0 | -166.4 | 8.1    | 995.7 | 0.0  |        |     |
|     | perm | I           | 0.0 | 0.0 | -57.3  | -18.3  | 295.2 | 0.0  |        |     |
|     |      | CNT         | 0.0 | 0.0 | -54.5  | -18.3  | 309.1 | 0.0  |        |     |
|     |      | J           | 0.0 | 0.0 | -51.8  | -18.3  | 322.4 | 0.0  |        |     |

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|     |              |             |            |               |     |     |        |        |        |     |     |
|-----|--------------|-------------|------------|---------------|-----|-----|--------|--------|--------|-----|-----|
|     |              |             | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     |              |             |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     |              |             |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 | 0.0 |
|     | Length = 0.5 |             | Type: Beam | Section: scat |     |     |        |        |        |     |     |
| 616 | 3            | 10 c mobili | Max        | I             | 0.0 | 0.0 | 71.9   | 78.0   | 1106.2 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 71.9   | 78.0   | 1133.6 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 71.9   | 78.0   | 1179.5 | 0.0 |     |
|     |              |             | Min        | I             | 0.0 | 0.0 | -229.6 | -154.9 | -46.6  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -229.6 | -154.9 | -45.7  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -229.6 | -154.9 | -44.8  | 0.0 |     |
|     |              |             | pp         | I             | 0.0 | 0.0 | -166.1 | 7.7    | 995.9  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -160.0 | 7.7    | 1036.6 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -153.9 | 7.7    | 1075.9 | 0.0 |     |
|     |              |             | perm       | I             | 0.0 | 0.0 | -53.0  | -17.2  | 322.3  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -50.2  | -17.2  | 335.2  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -47.5  | -17.2  | 347.4  | 0.0 |     |
|     |              |             | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |             | Type: Beam | Section: scat |     |     |        |        |        |     |     |
| 617 | 3            | 10 c mobili | Max        | I             | 0.0 | 0.0 | 78.7   | 74.3   | 1178.9 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 78.7   | 74.3   | 1203.6 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 78.7   | 74.3   | 1244.5 | 0.0 |     |
|     |              |             | Min        | I             | 0.0 | 0.0 | -221.1 | -150.0 | -44.8  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -221.1 | -150.0 | -44.0  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -221.1 | -150.0 | -43.1  | 0.0 |     |
|     |              |             | pp         | I             | 0.0 | 0.0 | -153.5 | 7.3    | 1076.0 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -147.4 | 7.3    | 1113.6 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -141.3 | 7.3    | 1149.7 | 0.0 |     |
|     |              |             | perm       | I             | 0.0 | 0.0 | -48.8  | -16.0  | 347.3  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -46.0  | -16.0  | 359.1  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -43.3  | -16.0  | 370.3  | 0.0 |     |
|     |              |             | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |             | Type: Beam | Section: scat |     |     |        |        |        |     |     |
| 618 | 3            | 10 c mobili | Max        | I             | 0.0 | 0.0 | 84.8   | 70.7   | 1243.9 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 84.8   | 70.7   | 1266.1 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 84.8   | 70.7   | 1302.7 | 0.0 |     |
|     |              |             | Min        | I             | 0.0 | 0.0 | -213.2 | -145.2 | -43.1  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -213.2 | -145.2 | -42.3  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -213.2 | -145.2 | -41.5  | 0.0 |     |
|     |              |             | pp         | I             | 0.0 | 0.0 | -140.8 | 6.8    | 1149.8 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -134.7 | 6.8    | 1184.3 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -128.6 | 6.8    | 1217.2 | 0.0 |     |
|     |              |             | perm       | I             | 0.0 | 0.0 | -44.7  | -14.7  | 370.2  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -41.9  | -14.7  | 381.0  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -39.2  | -14.7  | 391.1  | 0.0 |     |
|     |              |             | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |             | Type: Beam | Section: scat |     |     |        |        |        |     |     |
| 619 | 3            | 10 c mobili | Max        | I             | 0.0 | 0.0 | 90.8   | 67.1   | 1302.2 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 90.8   | 67.1   | 1321.9 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 90.8   | 67.1   | 1354.2 | 0.0 |     |
|     |              |             | Min        | I             | 0.0 | 0.0 | -205.7 | -140.0 | -41.4  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -205.7 | -140.0 | -40.6  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -205.7 | -140.0 | -39.8  | 0.0 |     |
|     |              |             | pp         | I             | 0.0 | 0.0 | -128.1 | 6.3    | 1217.3 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -122.0 | 6.3    | 1248.6 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -115.9 | 6.3    | 1278.3 | 0.0 |     |
|     |              |             | perm       | I             | 0.0 | 0.0 | -40.6  | -13.4  | 391.0  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -37.8  | -13.4  | 400.8  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -35.1  | -13.4  | 409.9  | 0.0 |     |
|     |              |             | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0 |     |
|     | Length = 0.5 |             | Type: Beam | Section: scat |     |     |        |        |        |     |     |
| 620 | 3            | 10 c mobili | Max        | I             | 0.0 | 0.0 | 97.1   | 63.6   | 1353.7 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | 97.1   | 63.6   | 1371.2 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | 97.1   | 63.6   | 1399.5 | 0.0 |     |
|     |              |             | Min        | I             | 0.0 | 0.0 | -198.6 | -134.3 | -39.8  | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -198.6 | -134.3 | -39.0  | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -198.6 | -134.3 | -38.2  | 0.0 |     |
|     |              |             | pp         | I             | 0.0 | 0.0 | -115.3 | 5.8    | 1278.4 | 0.0 |     |
|     |              |             |            | CNT           | 0.0 | 0.0 | -109.2 | 5.8    | 1306.5 | 0.0 |     |
|     |              |             |            | J             | 0.0 | 0.0 | -103.1 | 5.8    | 1333.1 | 0.0 |     |



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|     |   |              |            |               |     |     |        |        |        |        |     |
|-----|---|--------------|------------|---------------|-----|-----|--------|--------|--------|--------|-----|
|     |   |              | perm       | I             | 0.0 | 0.0 | -36.5  | -12.1  | 409.8  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -33.8  | -12.1  | 418.6  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -31.0  | -12.1  | 426.7  | 0.0    |     |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |        |        |        |        |     |
| 621 | 3 | 10           | c mobili   | Max           | I   | 0.0 | 0.0    | 103.3  | 60.2   | 1399.0 | 0.0 |
|     |   |              |            |               | CNT | 0.0 | 0.0    | 103.3  | 60.2   | 1414.2 | 0.0 |
|     |   |              |            |               | J   | 0.0 | 0.0    | 103.3  | 60.2   | 1438.8 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -191.8 | -128.4 | -38.2  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -191.8 | -128.4 | -37.4  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -191.8 | -128.4 | -36.6  | 0.0    |     |
|     |   |              | pp         | I             | 0.0 | 0.0 | -102.6 | 5.2    | 1333.2 | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -96.5  | 5.2    | 1358.0 | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -90.3  | 5.2    | 1381.4 | 0.0    |     |
|     |   |              | perm       | I             | 0.0 | 0.0 | -32.5  | -10.8  | 426.6  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -29.7  | -10.8  | 434.4  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -27.0  | -10.8  | 441.5  | 0.0    |     |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |        |        |        |        |     |
| 622 | 3 | 10           | c mobili   | Max           | I   | 0.0 | 0.0    | 109.2  | 58.0   | 1438.3 | 0.0 |
|     |   |              |            |               | CNT | 0.0 | 0.0    | 109.2  | 58.0   | 1451.3 | 0.0 |
|     |   |              |            |               | J   | 0.0 | 0.0    | 109.2  | 58.0   | 1472.2 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -185.2 | -122.3 | -36.6  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -185.2 | -122.3 | -35.8  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -185.2 | -122.3 | -35.0  | 0.0    |     |
|     |   |              | pp         | I             | 0.0 | 0.0 | -89.7  | 4.5    | 1381.5 | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -83.6  | 4.5    | 1403.2 | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -77.5  | 4.5    | 1423.3 | 0.0    |     |
|     |   |              | perm       | I             | 0.0 | 0.0 | -28.5  | -9.4   | 441.4  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -25.7  | -9.4   | 448.2  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -23.0  | -9.4   | 454.3  | 0.0    |     |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |        |        |        |        |     |
| 623 | 3 | 10           | c mobili   | Max           | I   | 0.0 | 0.0    | 115.0  | 57.7   | 1471.8 | 0.0 |
|     |   |              |            |               | CNT | 0.0 | 0.0    | 115.0  | 57.7   | 1482.7 | 0.0 |
|     |   |              |            |               | J   | 0.0 | 0.0    | 115.0  | 57.7   | 1500.0 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -178.8 | -115.9 | -35.0  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -178.8 | -115.9 | -34.3  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -178.8 | -115.9 | -33.5  | 0.0    |     |
|     |   |              | pp         | I             | 0.0 | 0.0 | -76.9  | 3.9    | 1423.4 | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -70.8  | 3.9    | 1441.9 | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -64.7  | 3.9    | 1458.8 | 0.0    |     |
|     |   |              | perm       | I             | 0.0 | 0.0 | -24.5  | -8.0   | 454.2  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -21.7  | -8.0   | 460.0  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -19.0  | -8.0   | 465.1  | 0.0    |     |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |        |        |        |        |     |
| 624 | 3 | 10           | c mobili   | Max           | I   | 0.0 | 0.0    | 120.6  | 59.3   | 1499.7 | 0.0 |
|     |   |              |            |               | CNT | 0.0 | 0.0    | 120.6  | 59.3   | 1508.4 | 0.0 |
|     |   |              |            |               | J   | 0.0 | 0.0    | 120.6  | 59.3   | 1522.4 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -172.6 | -109.4 | -33.5  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -172.6 | -109.4 | -32.7  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -172.6 | -109.4 | -32.0  | 0.0    |     |
|     |   |              | pp         | I             | 0.0 | 0.0 | -64.1  | 3.2    | 1458.9 | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -58.0  | 3.2    | 1474.1 | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -51.8  | 3.2    | 1487.8 | 0.0    |     |
|     |   |              | perm       | I             | 0.0 | 0.0 | -20.5  | -6.5   | 465.1  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -17.8  | -6.5   | 469.9  | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | -15.0  | -6.5   | 474.0  | 0.0    |     |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |        |        |        |        |     |
| 625 | 3 | 10           | c mobili   | Max           | I   | 0.0 | 0.0    | 126.0  | 61.6   | 1522.2 | 0.0 |
|     |   |              |            |               | CNT | 0.0 | 0.0    | 126.0  | 61.6   | 1528.7 | 0.0 |
|     |   |              |            |               | J   | 0.0 | 0.0    | 126.0  | 61.6   | 1539.3 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -166.5 | -102.7 | -32.0  | 0.0    |     |
|     |   |              |            | CNT           | 0.0 | 0.0 | -166.5 | -102.7 | -31.2  | 0.0    |     |

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|     |   |              |            |               |     |        |        |        |        |     |
|-----|---|--------------|------------|---------------|-----|--------|--------|--------|--------|-----|
|     |   |              | J          | 0.0           | 0.0 | -166.5 | -102.7 | -30.5  | 0.0    |     |
|     |   | PP           | I          | 0.0           | 0.0 | -51.2  | 2.5    | 1487.9 | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -45.1  | 2.5    | 1499.9 | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -39.0  | 2.5    | 1510.4 | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -16.6  | -5.1   | 473.9  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -13.8  | -5.1   | 477.7  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -11.1  | -5.1   | 480.8  | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 626 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 131.6  | 66.8   | 1539.1 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 131.6  | 66.8   | 1543.7 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 131.6  | 66.8   | 1550.9 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -160.5 | -96.1  | -30.5  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -160.5 | -96.1  | -29.7  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -160.5 | -96.1  | -29.0  | 0.0 |
|     |   | PP           | I          | 0.0           | 0.0 | -38.3  | 1.8    | 1510.5 | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -32.2  | 1.8    | 1519.3 | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -26.1  | 1.8    | 1526.6 | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -12.6  | -3.6   | 480.8  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -9.9   | -3.6   | 483.6  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -7.1   | -3.6   | 485.7  | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 627 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 137.3  | 72.2   | 1550.7 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 137.3  | 72.2   | 1553.3 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 137.3  | 72.2   | 1557.3 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -154.6 | -89.8  | -29.0  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -154.6 | -89.8  | -28.3  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -154.6 | -89.8  | -27.6  | 0.0 |
|     |   | PP           | I          | 0.0           | 0.0 | -25.4  | 1.1    | 1526.6 | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -19.3  | 1.1    | 1532.2 | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -13.2  | 1.1    | 1536.3 | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -8.7   | -2.2   | 485.7  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -5.9   | -2.2   | 487.5  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -3.2   | -2.2   | 488.7  | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 628 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 143.0  | 77.8   | 1557.2 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 143.0  | 77.8   | 1557.7 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 143.0  | 77.8   | 1558.5 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -148.7 | -83.7  | -27.6  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -148.7 | -83.7  | -26.9  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -148.7 | -83.7  | -26.2  | 0.0 |
|     |   | PP           | I          | 0.0           | 0.0 | -12.6  | 0.4    | 1536.3 | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -6.4   | 0.4    | 1538.7 | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | -0.3   | 0.4    | 1539.5 | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -4.7   | -0.7   | 488.7  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | -2.0   | -0.7   | 489.5  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.8    | -0.7   | 489.6  | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |
| 629 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0    | 148.7  | 83.7   | 1558.5 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | 148.7  | 83.7   | 1557.7 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | 148.7  | 83.7   | 1557.2 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0    | -143.0 | -77.8  | -26.2  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0    | -143.0 | -77.8  | -26.9  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0    | -143.0 | -77.8  | -27.6  | 0.0 |
|     |   | PP           | I          | 0.0           | 0.0 | 0.3    | -0.4   | 1539.5 | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 6.4    | -0.4   | 1538.7 | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 12.6   | -0.4   | 1536.3 | 0.0    |     |
|     |   | perm         | I          | 0.0           | 0.0 | -0.8   | 0.7    | 489.6  | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 2.0    | 0.7    | 489.5  | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 4.7    | 0.7    | 488.7  | 0.0    |     |
|     |   | acc          | I          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | CNT        | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   |              | J          | 0.0           | 0.0 | 0.0    | 0.0    | 0.0    | 0.0    |     |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |        |        |        |        |     |

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|              |      |             |               |     |        |       |        |       |        |     |
|--------------|------|-------------|---------------|-----|--------|-------|--------|-------|--------|-----|
| 630          | 3    | 10 c mobili | Max           | I   | 0.0    | 0.0   | 154.6  | 89.8  | 1557.3 | 0.0 |
|              |      |             |               | CNT | 0.0    | 0.0   | 154.6  | 89.8  | 1553.3 | 0.0 |
|              |      |             |               | J   | 0.0    | 0.0   | 154.6  | 89.8  | 1550.7 | 0.0 |
|              | Min  | I           | 0.0           | 0.0 | -137.3 | -72.2 | -27.6  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | -137.3 | -72.2 | -28.3  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | -137.3 | -72.2 | -29.0  | 0.0   |        |     |
|              | PP   | I           | 0.0           | 0.0 | 13.2   | -1.1  | 1536.3 | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 19.3   | -1.1  | 1532.2 | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 25.4   | -1.1  | 1526.6 | 0.0   |        |     |
|              | perm | I           | 0.0           | 0.0 | 3.2    | 2.2   | 488.7  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 5.9    | 2.2   | 487.5  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 8.7    | 2.2   | 485.7  | 0.0   |        |     |
|              | acc  | I           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
| Length = 0.5 |      | Type: Beam  | Section: scat |     |        |       |        |       |        |     |
| 631          | 3    | 10 c mobili | Max           | I   | 0.0    | 0.0   | 160.5  | 96.1  | 1550.9 | 0.0 |
|              |      |             |               | CNT | 0.0    | 0.0   | 160.5  | 96.1  | 1543.7 | 0.0 |
|              |      |             |               | J   | 0.0    | 0.0   | 160.5  | 96.1  | 1539.1 | 0.0 |
|              | Min  | I           | 0.0           | 0.0 | -131.6 | -66.8 | -29.0  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | -131.6 | -66.8 | -29.7  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | -131.6 | -66.8 | -30.5  | 0.0   |        |     |
|              | PP   | I           | 0.0           | 0.0 | 26.1   | -1.8  | 1526.6 | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 32.2   | -1.8  | 1519.3 | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 38.3   | -1.8  | 1510.5 | 0.0   |        |     |
|              | perm | I           | 0.0           | 0.0 | 7.1    | 3.6   | 485.7  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 9.9    | 3.6   | 483.6  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 12.6   | 3.6   | 480.8  | 0.0   |        |     |
|              | acc  | I           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
| Length = 0.5 |      | Type: Beam  | Section: scat |     |        |       |        |       |        |     |
| 632          | 3    | 10 c mobili | Max           | I   | 0.0    | 0.0   | 166.5  | 102.7 | 1539.3 | 0.0 |
|              |      |             |               | CNT | 0.0    | 0.0   | 166.5  | 102.7 | 1528.7 | 0.0 |
|              |      |             |               | J   | 0.0    | 0.0   | 166.5  | 102.7 | 1522.2 | 0.0 |
|              | Min  | I           | 0.0           | 0.0 | -126.0 | -61.6 | -30.5  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | -126.0 | -61.6 | -31.2  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | -126.0 | -61.6 | -32.0  | 0.0   |        |     |
|              | PP   | I           | 0.0           | 0.0 | 39.0   | -2.5  | 1510.4 | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 45.1   | -2.5  | 1499.9 | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 51.2   | -2.5  | 1487.9 | 0.0   |        |     |
|              | perm | I           | 0.0           | 0.0 | 11.1   | 5.1   | 480.8  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 13.8   | 5.1   | 477.7  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 16.6   | 5.1   | 473.9  | 0.0   |        |     |
|              | acc  | I           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
| Length = 0.5 |      | Type: Beam  | Section: scat |     |        |       |        |       |        |     |
| 633          | 3    | 10 c mobili | Max           | I   | 0.0    | 0.0   | 172.6  | 109.4 | 1522.4 | 0.0 |
|              |      |             |               | CNT | 0.0    | 0.0   | 172.6  | 109.4 | 1508.4 | 0.0 |
|              |      |             |               | J   | 0.0    | 0.0   | 172.6  | 109.4 | 1499.7 | 0.0 |
|              | Min  | I           | 0.0           | 0.0 | -120.6 | -59.3 | -32.0  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | -120.6 | -59.3 | -32.7  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | -120.6 | -59.3 | -33.5  | 0.0   |        |     |
|              | PP   | I           | 0.0           | 0.0 | 51.8   | -3.2  | 1487.8 | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 58.0   | -3.2  | 1474.1 | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 64.1   | -3.2  | 1458.9 | 0.0   |        |     |
|              | perm | I           | 0.0           | 0.0 | 15.0   | 6.5   | 474.0  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 17.8   | 6.5   | 469.9  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 20.5   | 6.5   | 465.1  | 0.0   |        |     |
|              | acc  | I           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
| Length = 0.5 |      | Type: Beam  | Section: scat |     |        |       |        |       |        |     |
| 634          | 3    | 10 c mobili | Max           | I   | 0.0    | 0.0   | 178.8  | 115.9 | 1500.0 | 0.0 |
|              |      |             |               | CNT | 0.0    | 0.0   | 178.8  | 115.9 | 1482.7 | 0.0 |
|              |      |             |               | J   | 0.0    | 0.0   | 178.8  | 115.9 | 1471.8 | 0.0 |
|              | Min  | I           | 0.0           | 0.0 | -115.0 | -57.7 | -33.5  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | -115.0 | -57.7 | -34.3  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | -115.0 | -57.7 | -35.0  | 0.0   |        |     |
|              | PP   | I           | 0.0           | 0.0 | 64.7   | -3.9  | 1458.8 | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 70.8   | -3.9  | 1441.9 | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 76.9   | -3.9  | 1423.4 | 0.0   |        |     |
|              | perm | I           | 0.0           | 0.0 | 19.0   | 8.0   | 465.1  | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 21.7   | 8.0   | 460.0  | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 24.5   | 8.0   | 454.2  | 0.0   |        |     |
|              | acc  | I           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | CNT         | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |
|              |      | J           | 0.0           | 0.0 | 0.0    | 0.0   | 0.0    | 0.0   |        |     |

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|     |              |             |               |     |     |     |        |       |        |        |     |
|-----|--------------|-------------|---------------|-----|-----|-----|--------|-------|--------|--------|-----|
|     |              |             |               | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    | 0.0 |
|     |              |             |               | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    | 0.0 |
|     | Length = 0.5 | Type: Beam  | Section: scat |     |     |     |        |       |        |        |     |
| 635 | 3            | 10 c mobili | Max           | I   | 0.0 | 0.0 | 185.2  | 122.3 | 1472.2 | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 185.2  | 122.3 | 1451.3 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 185.2  | 122.3 | 1438.3 | 0.0    |     |
|     |              |             | Min           | I   | 0.0 | 0.0 | -109.2 | -58.0 | -35.0  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | -109.2 | -58.0 | -35.8  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | -109.2 | -58.0 | -36.6  | 0.0    |     |
|     |              |             |               | PP  | I   | 0.0 | 0.0    | 77.5  | -4.5   | 1423.3 | 0.0 |
|     |              |             |               | CNT | 0.0 | 0.0 | 83.6   | -4.5  | 1403.2 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 89.7   | -4.5  | 1381.5 | 0.0    |     |
|     |              |             | perm          | I   | 0.0 | 0.0 | 23.0   | 9.4   | 454.3  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 25.7   | 9.4   | 448.2  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 28.5   | 9.4   | 441.4  | 0.0    |     |
|     |              |             | acc           | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam  | Section: scat |     |     |     |        |       |        |        |     |
| 636 | 3            | 10 c mobili | Max           | I   | 0.0 | 0.0 | 191.8  | 128.4 | 1438.8 | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 191.8  | 128.4 | 1414.2 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 191.8  | 128.4 | 1399.0 | 0.0    |     |
|     |              |             | Min           | I   | 0.0 | 0.0 | -103.3 | -60.2 | -36.6  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | -103.3 | -60.2 | -37.4  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | -103.3 | -60.2 | -38.2  | 0.0    |     |
|     |              |             |               | PP  | I   | 0.0 | 0.0    | 90.3  | -5.2   | 1381.4 | 0.0 |
|     |              |             |               | CNT | 0.0 | 0.0 | 96.5   | -5.2  | 1358.0 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 102.6  | -5.2  | 1333.2 | 0.0    |     |
|     |              |             | perm          | I   | 0.0 | 0.0 | 27.0   | 10.8  | 441.5  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 29.7   | 10.8  | 434.4  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 32.5   | 10.8  | 426.6  | 0.0    |     |
|     |              |             | acc           | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam  | Section: scat |     |     |     |        |       |        |        |     |
| 637 | 3            | 10 c mobili | Max           | I   | 0.0 | 0.0 | 198.6  | 134.3 | 1399.5 | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 198.6  | 134.3 | 1371.2 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 198.6  | 134.3 | 1353.7 | 0.0    |     |
|     |              |             | Min           | I   | 0.0 | 0.0 | -97.1  | -63.6 | -38.2  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | -97.1  | -63.6 | -39.0  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | -97.1  | -63.6 | -39.8  | 0.0    |     |
|     |              |             |               | PP  | I   | 0.0 | 0.0    | 103.1 | -5.8   | 1333.1 | 0.0 |
|     |              |             |               | CNT | 0.0 | 0.0 | 109.2  | -5.8  | 1306.5 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 115.3  | -5.8  | 1278.4 | 0.0    |     |
|     |              |             | perm          | I   | 0.0 | 0.0 | 31.0   | 12.1  | 426.7  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 33.8   | 12.1  | 418.6  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 36.5   | 12.1  | 409.8  | 0.0    |     |
|     |              |             | acc           | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam  | Section: scat |     |     |     |        |       |        |        |     |
| 638 | 3            | 10 c mobili | Max           | I   | 0.0 | 0.0 | 205.7  | 140.0 | 1354.2 | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 205.7  | 140.0 | 1321.9 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 205.7  | 140.0 | 1302.2 | 0.0    |     |
|     |              |             | Min           | I   | 0.0 | 0.0 | -90.8  | -67.1 | -39.8  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | -90.8  | -67.1 | -40.6  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | -90.8  | -67.1 | -41.4  | 0.0    |     |
|     |              |             |               | PP  | I   | 0.0 | 0.0    | 115.9 | -6.3   | 1278.3 | 0.0 |
|     |              |             |               | CNT | 0.0 | 0.0 | 122.0  | -6.3  | 1248.6 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 128.1  | -6.3  | 1217.3 | 0.0    |     |
|     |              |             | perm          | I   | 0.0 | 0.0 | 35.1   | 13.4  | 409.9  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 37.8   | 13.4  | 400.8  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 40.6   | 13.4  | 391.0  | 0.0    |     |
|     |              |             | acc           | I   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0    |     |
|     | Length = 0.5 | Type: Beam  | Section: scat |     |     |     |        |       |        |        |     |
| 639 | 3            | 10 c mobili | Max           | I   | 0.0 | 0.0 | 213.2  | 145.2 | 1302.7 | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | 213.2  | 145.2 | 1266.1 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 213.2  | 145.2 | 1243.9 | 0.0    |     |
|     |              |             | Min           | I   | 0.0 | 0.0 | -84.8  | -70.7 | -41.5  | 0.0    |     |
|     |              |             |               | CNT | 0.0 | 0.0 | -84.8  | -70.7 | -42.3  | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | -84.8  | -70.7 | -43.1  | 0.0    |     |
|     |              |             |               | PP  | I   | 0.0 | 0.0    | 128.6 | -6.8   | 1217.2 | 0.0 |
|     |              |             |               | CNT | 0.0 | 0.0 | 134.7  | -6.8  | 1184.3 | 0.0    |     |
|     |              |             |               | J   | 0.0 | 0.0 | 140.8  | -6.8  | 1149.8 | 0.0    |     |

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|     |   |              |            |               |     |     |       |       |        |     |
|-----|---|--------------|------------|---------------|-----|-----|-------|-------|--------|-----|
|     |   |              | perm       | I             | 0.0 | 0.0 | 39.2  | 14.7  | 391.1  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 41.9  | 14.7  | 381.0  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 44.7  | 14.7  | 370.2  | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |        |     |
| 640 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 221.1 | 150.0 | 1244.5 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 221.1 | 150.0 | 1203.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 221.1 | 150.0 | 1178.9 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -78.7 | -74.3 | -43.1  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -78.7 | -74.3 | -44.0  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -78.7 | -74.3 | -44.8  | 0.0 |
|     |   |              | PP         | I             | 0.0 | 0.0 | 141.3 | -7.3  | 1149.7 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 147.4 | -7.3  | 1113.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 153.5 | -7.3  | 1076.0 | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 43.3  | 16.0  | 370.3  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 46.0  | 16.0  | 359.1  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 48.8  | 16.0  | 347.3  | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |        |     |
| 641 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 229.6 | 154.9 | 1179.5 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 229.6 | 154.9 | 1133.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 229.6 | 154.9 | 1106.2 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -71.9 | -78.0 | -44.8  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -71.9 | -78.0 | -45.7  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -71.9 | -78.0 | -46.6  | 0.0 |
|     |   |              | PP         | I             | 0.0 | 0.0 | 153.9 | -7.7  | 1075.9 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 160.0 | -7.7  | 1036.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 166.1 | -7.7  | 995.9  | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 47.5  | 17.2  | 347.4  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 50.2  | 17.2  | 335.2  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 53.0  | 17.2  | 322.3  | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |        |     |
| 642 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 238.9 | 159.4 | 1106.9 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 238.9 | 159.4 | 1055.7 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 238.9 | 159.4 | 1025.5 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -64.3 | -81.6 | -46.6  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -64.3 | -81.6 | -47.5  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -64.3 | -81.6 | -48.4  | 0.0 |
|     |   |              | PP         | I             | 0.0 | 0.0 | 166.4 | -8.1  | 995.7  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 172.5 | -8.1  | 953.3  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 178.6 | -8.1  | 909.4  | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 51.8  | 18.3  | 322.4  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 54.5  | 18.3  | 309.1  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 57.3  | 18.3  | 295.2  | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |        |     |
| 643 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 249.0 | 162.8 | 1026.1 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 249.0 | 162.8 | 969.1  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 249.0 | 162.8 | 935.9  | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -55.5 | -85.1 | -48.4  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -55.5 | -85.1 | -49.4  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -55.5 | -85.1 | -50.3  | 0.0 |
|     |   |              | PP         | I             | 0.0 | 0.0 | 178.9 | -8.4  | 909.3  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 185.0 | -8.4  | 863.8  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 191.1 | -8.4  | 816.8  | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 56.1  | 19.3  | 295.3  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 58.9  | 19.3  | 280.9  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 61.6  | 19.3  | 265.9  | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |        |     |
| 644 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 260.3 | 165.8 | 936.5  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 260.3 | 165.8 | 873.1  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 260.3 | 165.8 | 836.6  | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -45.8 | -88.2 | -50.4  | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -45.8 | -88.2 | -51.4  | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -45.8 | -88.2 | -52.4  | 0.0 |

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|     |   |              |            |               |     |     |       |       |       |     |
|-----|---|--------------|------------|---------------|-----|-----|-------|-------|-------|-----|
|     |   |              | pp         | I             | 0.0 | 0.0 | 191.3 | -8.6  | 816.6 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 197.4 | -8.6  | 768.0 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 203.5 | -8.6  | 717.9 | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 60.6  | 20.1  | 266.0 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 63.4  | 20.1  | 250.5 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 66.1  | 20.1  | 234.3 | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |       |     |
| 645 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 272.9 | 169.5 | 837.2 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 272.9 | 169.5 | 769.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 272.9 | 169.5 | 726.3 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -34.9 | -90.9 | -52.4 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -34.9 | -90.9 | -53.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -34.9 | -90.9 | -54.7 | 0.0 |
|     |   |              | pp         | I             | 0.0 | 0.0 | 203.6 | -8.7  | 717.7 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 209.8 | -8.7  | 666.0 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 215.9 | -8.7  | 612.8 | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 65.3  | 20.8  | 234.5 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 68.0  | 20.8  | 217.8 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 70.8  | 20.8  | 200.5 | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |       |     |
| 646 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 287.1 | 172.0 | 727.0 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 287.1 | 172.0 | 655.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 287.1 | 172.0 | 604.2 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -22.7 | -92.9 | -54.8 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -22.7 | -92.9 | -56.1 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -22.7 | -92.9 | -57.4 | 0.0 |
|     |   |              | pp         | I             | 0.0 | 0.0 | 215.9 | -8.7  | 612.6 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 222.0 | -8.7  | 557.9 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 228.1 | -8.7  | 501.6 | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 70.2  | 21.3  | 200.6 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 72.9  | 21.3  | 182.7 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 75.7  | 21.3  | 164.2 | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |       |     |
| 647 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 303.1 | 172.8 | 604.8 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 303.1 | 172.8 | 529.2 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 303.1 | 172.8 | 468.7 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -10.3 | -93.8 | -57.4 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -10.3 | -93.8 | -59.0 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -10.3 | -93.8 | -60.6 | 0.0 |
|     |   |              | pp         | I             | 0.0 | 0.0 | 228.1 | -8.7  | 501.4 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 234.2 | -8.7  | 443.6 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 240.3 | -8.7  | 384.3 | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 75.3  | 21.5  | 164.3 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 78.1  | 21.5  | 145.2 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 80.8  | 21.5  | 125.3 | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |       |     |
| 648 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 321.0 | 171.3 | 469.3 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 321.0 | 171.3 | 389.1 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 321.0 | 171.3 | 319.0 | 0.0 |
|     |   |              | Min        | I             | 0.0 | 0.0 | -5.3  | -93.3 | -60.6 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | -5.3  | -93.3 | -62.5 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | -5.3  | -93.3 | -64.5 | 0.0 |
|     |   |              | pp         | I             | 0.0 | 0.0 | 240.2 | -8.5  | 384.1 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 246.3 | -8.5  | 323.3 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 252.4 | -8.5  | 260.9 | 0.0 |
|     |   |              | perm       | I             | 0.0 | 0.0 | 80.8  | 21.4  | 125.5 | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 83.6  | 21.4  | 104.9 | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 86.3  | 21.4  | 83.7  | 0.0 |
|     |   |              | acc        | I             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | CNT           | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   |              |            | J             | 0.0 | 0.0 | 0.0   | 0.0   | 0.0   | 0.0 |
|     |   | Length = 0.5 | Type: Beam | Section: scat |     |     |       |       |       |     |
| 649 | 3 | 10 c mobili  | Max        | I             | 0.0 | 0.0 | 340.5 | 166.9 | 319.4 | 0.0 |

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|     |   |               |            |                    |     |     |        |       |        |     |
|-----|---|---------------|------------|--------------------|-----|-----|--------|-------|--------|-----|
|     |   |               |            | CNT                | 0.0 | 0.0 | 340.5  | 166.9 | 234.5  | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 340.5  | 166.9 | 155.0  | 0.0 |
|     |   | Min           |            | I                  | 0.0 | 0.0 | -6.1   | -90.8 | -64.5  | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -6.1   | -90.8 | -67.0  | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | -6.1   | -90.8 | -70.1  | 0.0 |
|     |   | PP            |            | I                  | 0.0 | 0.0 | 252.2  | -8.4  | 260.7  | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 258.4  | -8.4  | 196.9  | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 264.5  | -8.4  | 131.6  | 0.0 |
|     |   | perm          |            | I                  | 0.0 | 0.0 | 86.8   | 20.7  | 83.9   | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 89.6   | 20.7  | 61.8   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 92.3   | 20.7  | 39.1   | 0.0 |
|     |   | acc           |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5  | Type: Beam | Section: scat      |     |     |        |       |        |     |
| 650 | 3 | 10 c mobili   | Max        | I                  | 0.0 | 0.0 | 360.7  | 158.7 | 155.2  | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 360.7  | 158.7 | 74.1   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 360.7  | 158.7 | 37.7   | 0.0 |
|     |   | Min           |            | I                  | 0.0 | 0.0 | -6.8   | -85.9 | -70.0  | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -6.8   | -85.9 | -78.2  | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | -6.8   | -85.9 | -107.6 | 0.0 |
|     |   | PP            |            | I                  | 0.0 | 0.0 | 264.3  | -8.2  | 131.4  | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 270.4  | -8.2  | 64.5   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 276.5  | -8.2  | -3.9   | 0.0 |
|     |   | perm          |            | I                  | 0.0 | 0.0 | 93.4   | 19.5  | 39.3   | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 96.2   | 19.5  | 15.6   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 98.9   | 19.5  | -8.8   | 0.0 |
|     |   | acc           |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5  | Type: Beam | Section: scat      |     |     |        |       |        |     |
| 651 | 3 | 10 c mobili   | Max        | I                  | 0.0 | 0.0 | 73.3   | 145.8 | 36.7   | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 73.3   | 145.8 | 18.4   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 73.3   | 145.8 | 0.0    | 0.0 |
|     |   | Min           |            | I                  | 0.0 | 0.0 | -213.9 | -77.9 | -107.0 | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -213.9 | -77.9 | -53.5  | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | -213.9 | -77.9 | -0.1   | 0.0 |
|     |   | PP            |            | I                  | 0.0 | 0.0 | -14.3  | -8.1  | -4.1   | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -8.1   | -8.1  | -1.3   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | -2.0   | -8.1  | 0.0    | 0.0 |
|     |   | perm          |            | I                  | 0.0 | 0.0 | -20.0  | 17.5  | -8.6   | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -17.2  | 17.5  | -4.0   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | -14.5  | 17.5  | -0.0   | 0.0 |
|     |   | acc           |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | Length = 0.5  | Type: Beam | Section: scat      |     |     |        |       |        |     |
| 652 | 3 | 6 c mobili    | Max        | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | Min           |            | I                  | 0.0 | 0.0 | -114.1 | 0.0   | -11.5  | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -0.1   | 0.0   | -0.1   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | PP            |            | I                  | 0.0 | 0.0 | -2.6   | 0.0   | -1.8   | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -1.3   | 0.0   | -0.5   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | perm          |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | acc           |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: trasverso |     |     |        |       |        |     |
| 653 | 2 | 3 c mobili    | Max        | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | Min           |            | I                  | 0.0 | 0.0 | -115.6 | 0.0   | -11.9  | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | -0.2   | 0.0   | -0.1   | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | PP            |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | perm          |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | J                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   | acc           |            | I                  | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |
|     |   |               |            | CNT                | 0.0 | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 |

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|     |               |            |                  |     |     |        |     |       |     |
|-----|---------------|------------|------------------|-----|-----|--------|-----|-------|-----|
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 654 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 655 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 656 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 657 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 658 | 2             | 3 c mobili | Max I            | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |



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|     |   |               |            |                  |     |     |        |     |       |     |     |
|-----|---|---------------|------------|------------------|-----|-----|--------|-----|-------|-----|-----|
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | acc           |            | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 659 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 660 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 661 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 662 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 663 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |

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|     |   |               |            |                  |     |     |        |     |       |     |     |
|-----|---|---------------|------------|------------------|-----|-----|--------|-----|-------|-----|-----|
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 664 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 665 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 666 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 667 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 668 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |

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|     |   |               |            |                  |     |        |     |       |     |
|-----|---|---------------|------------|------------------|-----|--------|-----|-------|-----|
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |        |     |       |     |
| 669 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |        |     |       |     |
| 670 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |        |     |       |     |
| 671 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |        |     |       |     |
| 672 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Min           | I          | 0.0              | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | pp            | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | perm          | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | J          | 0.0              | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |

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| Length = 1.85 |   | Type: Beam | Section: soletta |      |     |     |        |     |       |     |     |
|---------------|---|------------|------------------|------|-----|-----|--------|-----|-------|-----|-----|
| 673           | 2 | 3 c mobili | Max              | I    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            | Min              | I    | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | PP   | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | perm | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | acc  | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |

| Length = 1.85 |   | Type: Beam | Section: soletta |      |     |     |        |     |       |     |     |
|---------------|---|------------|------------------|------|-----|-----|--------|-----|-------|-----|-----|
| 674           | 2 | 3 c mobili | Max              | I    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            | Min              | I    | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | PP   | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | perm | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | acc  | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |

| Length = 1.85 |   | Type: Beam | Section: soletta |      |     |     |        |     |       |     |     |
|---------------|---|------------|------------------|------|-----|-----|--------|-----|-------|-----|-----|
| 675           | 2 | 3 c mobili | Max              | I    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            | Min              | I    | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | PP   | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | perm | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | acc  | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |

| Length = 1.85 |   | Type: Beam | Section: soletta |      |     |     |        |     |       |     |     |
|---------------|---|------------|------------------|------|-----|-----|--------|-----|-------|-----|-----|
| 676           | 2 | 3 c mobili | Max              | I    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            | Min              | I    | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | PP   | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | perm | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | acc  | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |

| Length = 1.85 |   | Type: Beam | Section: soletta |      |     |     |        |     |       |     |     |
|---------------|---|------------|------------------|------|-----|-----|--------|-----|-------|-----|-----|
| 677           | 2 | 3 c mobili | Max              | I    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            | Min              | I    | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |     |
|               |   |            |                  | CNT  | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | PP   | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | J    | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |
|               |   |            |                  | perm | I   | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|               |   |            |                  | CNT  | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |     |

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|     |   |               |            |                  |     |     |        |     |       |
|-----|---|---------------|------------|------------------|-----|-----|--------|-----|-------|
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   | acc           | I          | 0.0              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | CNT        | 0.0              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | J          | 0.0              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |
| 678 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |
| 679 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |
| 680 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |
| 681 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |
| 682 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   |

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|     |   |               |            |                  |     |     |        |     |       |     |     |
|-----|---|---------------|------------|------------------|-----|-----|--------|-----|-------|-----|-----|
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | perm          |            | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | acc           |            | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 683 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 684 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 685 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 686 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | pp         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |     |
| 687 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |

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|     |   |               |            |                  |     |     |        |     |       |     |
|-----|---|---------------|------------|------------------|-----|-----|--------|-----|-------|-----|
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 688 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 689 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 690 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   | Length = 1.85 | Type: Beam | Section: soletta |     |     |        |     |       |     |
| 691 | 2 | 3 c mobili    | Max        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | Min        | I                | 0.0 | 0.0 | -115.6 | 0.0 | -11.9 | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | -0.2   | 0.0 | -0.1  | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | PP         | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | perm       | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               | acc        | I                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | CNT              | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |
|     |   |               |            | J                | 0.0 | 0.0 | 0.0    | 0.0 | 0.0   | 0.0 |

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|               |      |            |                  |      |            |                  |        |     |       |     |     |     |     |
|---------------|------|------------|------------------|------|------------|------------------|--------|-----|-------|-----|-----|-----|-----|
| Length = 1.85 |      | Type: Beam | Section: soletta |      |            |                  |        |     |       |     |     |     |     |
| 692           | 2    | 3 c mobili | Max              | I    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            | Min              | I    | 0.0        | 0.0              | -115.6 | 0.0 | -11.9 | 0.0 |     |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | -0.2   | 0.0 | -0.1  | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | PP   | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | perm | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | acc  | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            | Length = 1.85    |      | Type: Beam | Section: soletta |        |     |       |     |     |     |     |
|               |      |            | 693              | 2    | 3 c mobili | Max              | I      | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               |      |            |                  |      |            |                  | CNT    | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
| Min           | I    | 0.0        |                  |      |            | 0.0              | -115.6 | 0.0 | -11.9 | 0.0 |     |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | -0.2   | 0.0 | -0.1  | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | PP   | I          |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | perm | I          |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | acc  | I          |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
| Length = 1.85 |      | Type: Beam |                  |      |            | Section: soletta |        |     |       |     |     |     |     |
| 694           | 2    | 3 c mobili |                  |      |            | Max              | I      | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               |      |            |                  |      |            |                  | CNT    | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            | Min              | I    | 0.0        | 0.0              | -115.6 | 0.0 | -11.9 | 0.0 |     |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | -0.2   | 0.0 | -0.1  | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | PP   | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | perm | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | acc  | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            | Length = 1.85    |      | Type: Beam | Section: soletta |        |     |       |     |     |     |     |
|               |      |            | 695              | 2    | 3 c mobili | Max              | I      | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               |      |            |                  |      |            |                  | CNT    | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
| Min           | I    | 0.0        |                  |      |            | 0.0              | -115.6 | 0.0 | -11.9 | 0.0 |     |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | -0.2   | 0.0 | -0.1  | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | PP   | I          |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | perm | I          |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | acc  | I          |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               | CNT  | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               | J    | 0.0        |                  |      |            | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
| Length = 1.85 |      | Type: Beam |                  |      |            | Section: soletta |        |     |       |     |     |     |     |
| 696           | 2    | 3 c mobili |                  |      |            | Max              | I      | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               |      |            |                  |      |            |                  | CNT    | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 | 0.0 |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            | Min              | I    | 0.0        | 0.0              | -115.6 | 0.0 | -11.9 | 0.0 |     |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | -0.2   | 0.0 | -0.1  | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | PP   | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | perm | I          | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 | 0.0 |     |     |
|               |      |            |                  | CNT  | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |
|               |      |            |                  | J    | 0.0        | 0.0              | 0.0    | 0.0 | 0.0   | 0.0 |     |     |     |



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|     |               |            |            |                   |     |     |        |      |       |     |     |
|-----|---------------|------------|------------|-------------------|-----|-----|--------|------|-------|-----|-----|
|     |               |            | acc        | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     | Length = 1.85 |            | Type: Beam | Section: soletta  |     |     |        |      |       |     |     |
| 697 | 2             | 3 c mobili | Max        | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | Min        | I                 | 0.0 | 0.0 | -115.6 | 0.0  | -11.9 | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | -0.2   | 0.0  | -0.1  | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | PP         | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | perm       | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | acc        | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     | Length = 1.85 |            | Type: Beam | Section: soletta  |     |     |        |      |       |     |     |
| 698 | 3             | 6 c mobili | Max        | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | Min        | I                 | 0.0 | 0.0 | -114.1 | 0.0  | -11.5 | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | -0.1   | 0.0  | -0.1  | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | PP         | I                 | 0.0 | 0.0 | -2.6   | 0.0  | -1.8  | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | -1.3   | 0.0  | -0.5  | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | perm       | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            | acc        | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     | Length = 1.85 |            | Type: Beam | Section: traverso |     |     |        |      |       |     |     |
| 699 | 3             | 6 c mobili | Max        | I                 | 0.0 | 0.0 | 123.3  | 0.1  | 6.5   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 123.3  | 0.1  | 20.9  | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 123.3  | 0.1  | 46.0  | 0.0 | 0.0 |
|     |               |            | Min        | I                 | 0.0 | 0.0 | -73.3  | -0.0 | -14.8 | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | -73.3  | -0.0 | -46.7 | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | -73.3  | -0.0 | -91.4 | 0.0 | 0.0 |
|     |               |            | PP         | I                 | 0.0 | 0.0 | -3.6   | -0.0 | 1.9   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | -2.9   | -0.0 | 3.1   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | -2.2   | -0.0 | 4.1   | 0.0 | 0.0 |
|     |               |            | perm       | I                 | 0.0 | 0.0 | 14.5   | 0.0  | -0.1  | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 14.5   | 0.0  | -5.5  | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 14.5   | 0.0  | -11.0 | 0.0 | 0.0 |
|     |               |            | acc        | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     | Length = 1.2  |            | Type: Beam | Section: traverso |     |     |        |      |       |     |     |
| 700 | 3             | 6 c mobili | Max        | I                 | 0.0 | 0.0 | 123.3  | 0.0  | 6.5   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 123.3  | 0.0  | 20.9  | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 123.3  | 0.0  | 46.0  | 0.0 | 0.0 |
|     |               |            | Min        | I                 | 0.0 | 0.0 | -73.3  | -0.1 | -14.8 | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | -73.3  | -0.1 | -46.7 | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | -73.3  | -0.1 | -91.4 | 0.0 | 0.0 |
|     |               |            | PP         | I                 | 0.0 | 0.0 | -3.6   | 0.0  | 1.9   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | -2.9   | 0.0  | 3.1   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | -2.2   | 0.0  | 4.1   | 0.0 | 0.0 |
|     |               |            | perm       | I                 | 0.0 | 0.0 | 14.5   | -0.0 | -0.1  | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 14.5   | -0.0 | -5.5  | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 14.5   | -0.0 | -11.0 | 0.0 | 0.0 |
|     |               |            | acc        | I                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | CNT               | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     |               |            |            | J                 | 0.0 | 0.0 | 0.0    | 0.0  | 0.0   | 0.0 | 0.0 |
|     | Length = 1.2  |            | Type: Beam | Section: traverso |     |     |        |      |       |     |     |

REACTION FORCES & MOMENTS DEFAULT PRINTOUT.

Unit System : kN , m

Node LC FX FY FZ MX MY MZ

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|              |      |     |     |       |     |     |     |
|--------------|------|-----|-----|-------|-----|-----|-----|
| 2 c mobili   | Max  | 0.0 | 0.0 | 76.1  | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -21.2 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 293.3 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 121.5 | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 46 c mobili  | Max  | 0.0 | 0.0 | 76.1  | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -21.2 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 293.3 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 121.5 | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 49 c mobili  | Max  | 0.0 | 0.0 | 317.3 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -44.2 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 293.0 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 76.3  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 93 c mobili  | Max  | 0.0 | 0.0 | 317.3 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -44.2 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 293.0 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 76.3  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 96 c mobili  | Max  | 0.0 | 0.0 | 357.7 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -21.8 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 292.6 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 67.4  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 140 c mobili | Max  | 0.0 | 0.0 | 357.7 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -21.8 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 292.6 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 67.4  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 143 c mobili | Max  | 0.0 | 0.0 | 386.1 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -16.9 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 291.1 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 67.3  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 187 c mobili | Max  | 0.0 | 0.0 | 386.1 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -16.9 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 291.1 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 67.3  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 190 c mobili | Max  | 0.0 | 0.0 | 360.2 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -56.3 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 291.6 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 67.1  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 234 c mobili | Max  | 0.0 | 0.0 | 360.2 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -56.3 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 291.6 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 67.1  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 237 c mobili | Max  | 0.0 | 0.0 | 359.6 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -30.6 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 331.8 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 77.7  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 281 c mobili | Max  | 0.0 | 0.0 | 359.6 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -30.6 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 331.8 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 77.7  | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 284 c mobili | Max  | 0.0 | 0.0 | 446.4 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -18.2 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 290.8 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 120.8 | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |
| 328 c mobili | Max  | 0.0 | 0.0 | 446.4 | 0.0 | 0.0 | 0.0 |
|              | Min  | 0.0 | 0.0 | -18.2 | 0.0 | 0.0 | 0.0 |
|              | pp   | 0.0 | 0.0 | 290.8 | 0.0 | 0.0 | 0.0 |
|              | perm | 0.0 | 0.0 | 120.8 | 0.0 | 0.0 | 0.0 |
|              | acc  | 0.0 | 0.0 | 0.0   | 0.0 | 0.0 | 0.0 |

SUMMATION OF REACTION FORCES

| LC   | SUM-FX | SUM-FY | SUM-FZ |
|------|--------|--------|--------|
| pp   | 0.0    | 0.0    | 4168.4 |
| perm | 0.0    | 0.0    | 1196.0 |
| acc  | 0.0    | 0.0    | 0.0    |

## 14. Tabulati di input – Stato di Progetto Spalla

### \*\*\* PROJECT INFORMATION

Project Name :  
Date : 2013/9/25

### \*\*\* CONTROL DATA

Panel Zone Effect : Do not Calculate  
Unit System : KN, M  
Definition of Frame  
- X Direction of Frame : Unbraced I Sway  
- Y Direction of Frame : Unbraced I Sway  
- Design Type : 3-D  
Design Code  
- Steel : Eurocode3:05  
- Concrete : Eurocode2:04  
- SRC : SSRC79

### \*\*\* LOAD CASE DATA

| NO | NAME      | TYPE | SELF WEIGHT FACTOR |       |        | DESCRIPTION                         |
|----|-----------|------|--------------------|-------|--------|-------------------------------------|
|    |           |      | X                  | Y     | Z      |                                     |
| 1  | Gp        | D    | 0.000              | 0.000 | -1.000 | peso proprio strutture              |
| 4  | G1 - vert | D    | 0.000              | 0.000 | 0.000  | azioni vert impalcato               |
| 5  | G1 - long | D    | 0.000              | 0.000 | 0.000  | azioni long impalcato               |
| 30 | St        | EH   | 0.000              | 0.000 | 0.000  | spinta statica terreni              |
| 31 | Stq       | EH   | 0.000              | 0.000 | 0.000  | spinta sovraccarichi terreno ad h/2 |
| 6  | St-TRASV  | EH   | 0.000              | 0.000 | 0.000  | spinta statica terreni-TRASV        |
| 7  | Stq-TRASV | EH   | 0.000              | 0.000 | 0.000  | spinta sovraccarichi terreno ad h/~ |

### \*\*\* MATERIAL PROPERTY DATA

| NO | NAME     | TYPE  | MODULUS OF ELASTICITY |            | SHEAR MODULUS | THERMAL COEFF. | POISSON RATIO | WEIGHT DENSITY |
|----|----------|-------|-----------------------|------------|---------------|----------------|---------------|----------------|
|    |          |       | X                     | Y          |               |                |               |                |
| 1  | Rcm25    | CONC  | 2.739e+007            | 1.141e+007 | 1.141e+007    | 1e-005         | 0.2           | 25             |
| 2  | fittizio | USER  | 0.0001                | 5e-005     | 5e-005        | 0              | 0             | 0              |
| 3  | C45/55   | CONC  | 3.64e+007             | 1.517e+007 | 1.517e+007    | 1e-005         | 0.2           | 25             |
| 4  | C28/35   | CONC  | 3.259e+007            | 1.358e+007 | 1.358e+007    | 1e-005         | 0.2           | 25             |
| 5  | C20/25   | CONC  | 3.02e+007             | 1.258e+007 | 1.258e+007    | 1e-005         | 0.2           | 25             |
| 6  | S355     | STEEL | 2.1e+008              | 8.077e+007 | 8.077e+007    | 1.2e-005       | 0.3           | 78.5           |
| 7  | S450     | STEEL | 2.1e+008              | 8.077e+007 | 8.077e+007    | 1.2e-005       | 0.3           | 78.5           |
| 8  | S275     | STEEL | 2.1e+008              | 8.077e+007 | 8.077e+007    | 1.2e-005       | 0.3           | 78.5           |
| 9  | S235     | STEEL | 2.1e+008              | 8.077e+007 | 8.077e+007    | 1.2e-005       | 0.3           | 78.5           |
| 10 | C25/30   | CONC  | 3.145e+007            | 1.31e+007  | 1.31e+007     | 1e-005         | 0.2           | 25             |
| 11 | C32/40   | CONC  | 3.364e+007            | 1.402e+007 | 1.402e+007    | 1e-005         | 0.2           | 25             |
| 12 | C35/45   | CONC  | 3.463e+007            | 1.443e+007 | 1.443e+007    | 1e-005         | 0.2           | 25             |
| 13 | C50/60   | CONC  | 3.724e+007            | 1.552e+007 | 1.552e+007    | 1e-005         | 0.2           | 25             |
| 14 | C55/67   | CONC  | 3.833e+007            | 1.597e+007 | 1.597e+007    | 1e-005         | 0.2           | 25             |
| 15 | C60/75   | CONC  | 3.948e+007            | 1.645e+007 | 1.645e+007    | 1e-005         | 0.2           | 25             |
| 16 | C70/85   | CONC  | 4.083e+007            | 1.701e+007 | 1.701e+007    | 1e-005         | 0.2           | 25             |

| NO | NAME   | TYPE  | STRENGTH OF DESIGN MATERIAL |          |            |           |
|----|--------|-------|-----------------------------|----------|------------|-----------|
|    |        |       | STEEL                       | CONCRETE | MAIN REBAR | SUB REBAR |
| 1  | Rcm25  | CONC  | -                           | 0        | 4e+005     | 4e+005    |
| 3  | C45/55 | CONC  | -                           | 4.5e+004 | 4.5e+005   | 4.5e+005  |
| 4  | C28/35 | CONC  | -                           | 2.8e+004 | 4.5e+005   | 4.5e+005  |
| 5  | C20/25 | CONC  | -                           | 2e+004   | 4.5e+005   | 4.5e+005  |
| 6  | S355   | STEEL | 3.55e+005                   | -        | -          | -         |
| 7  | S450   | STEEL | 4.4e+005                    | -        | -          | -         |
| 8  | S275   | STEEL | 2.75e+005                   | -        | -          | -         |
| 9  | S235   | STEEL | 2.35e+005                   | -        | -          | -         |
| 10 | C25/30 | CONC  | -                           | 2.5e+004 | 4.5e+005   | 4.5e+005  |
| 11 | C32/40 | CONC  | -                           | 3.2e+004 | 4.5e+005   | 4.5e+005  |
| 12 | C35/45 | CONC  | -                           | 3.5e+004 | 4.5e+005   | 4.5e+005  |
| 13 | C50/60 | CONC  | -                           | 5e+004   | 4.5e+005   | 4.5e+005  |
| 14 | C55/67 | CONC  | -                           | 5.5e+004 | 4.5e+005   | 4.5e+005  |
| 15 | C60/75 | CONC  | -                           | 6e+004   | 4.5e+005   | 4.5e+005  |
| 16 | C70/85 | CONC  | -                           | 7e+004   | 4.5e+005   | 4.5e+005  |

### \*\*\* SUPPORT / SPECIFIED DISPLACEMENT / POINT SPRING SUPPORT

#### \*\* SUPPORT / SPECIFIED DISPLACEMENT

| NODE | SUPPORT DDDRRR | SPECIFIED DISPLACEMENT |        |        |        |        |        |
|------|----------------|------------------------|--------|--------|--------|--------|--------|
|      |                | Dx                     | Dy     | Dz     | Rx     | Ry     | Rz     |
| 570  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 571  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 572  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 573  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 574  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 623  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 624  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 625  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 626  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 627  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 633  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 634  | 111111         | 0.0000                 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

|      |        |        |        |        |        |        |        |
|------|--------|--------|--------|--------|--------|--------|--------|
| 635  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 636  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 637  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 683  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 689  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 729  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 730  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 731  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 732  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 733  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 734  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 735  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 736  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 737  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 738  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 739  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 740  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 741  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 742  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 743  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 744  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 857  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 858  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 859  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 860  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 861  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 862  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 863  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 864  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 865  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 866  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 867  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 868  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 869  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 870  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 871  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 872  | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1048 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1049 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1070 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1072 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1074 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1076 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1078 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1117 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1119 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1121 | 111111 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

\*\*\* SECTION PROPERTY DATA

| NO | NAME     | SHAPE | H   | B   | tw | tf1 | rl |
|----|----------|-------|-----|-----|----|-----|----|
| 3  | fittizia | SB    | 0.1 | 0.1 | 0  | 0   | 0  |

| NO | NAME     | STIFFNESS SCALE FACTOR |     |     |    |    | Boundary Group |    |
|----|----------|------------------------|-----|-----|----|----|----------------|----|
|    |          | A                      | Asy | Asz | Ix | Iy |                | Iz |
| 3  | fittizia |                        |     |     |    |    |                |    |

| NO | NAME     | AREA<br>[SRC:EQIV.] | MOMENT OF INERTIA |            |            | SHAPE FACTOR |        |
|----|----------|---------------------|-------------------|------------|------------|--------------|--------|
|    |          |                     | Ix                | Iy         | Iz         | k-Y          | k-Z    |
| 3  | fittizia | 0.01                | 1.406e-005        | 8.333e-006 | 8.333e-006 | 0.8333       | 0.8333 |

| NO | NAME     | SECTION MODULUS Sy |            | SECTION MODULUS Sz |            |
|----|----------|--------------------|------------|--------------------|------------|
|    |          | I or CONC.         | J or STEEL | I or CONC.         | J or STEEL |
| 3  | fittizia | 0.0001667          | 0.0001667  | 0.0001667          | 0.0001667  |

\*\*\* PLATE MEMBER DATA

| NO  | NODAL CONNECTIVITY |     |     |     | MATERIAL | THICKNESS | AREA   |
|-----|--------------------|-----|-----|-----|----------|-----------|--------|
|     | 1                  | 2   | 3   | 4   |          |           |        |
| 809 | 573                | 623 | 696 | 695 | Rcm25    | 1         | 0.5678 |
| 810 | 571                | 729 | 745 | 699 | Rcm25    | 1.4       | 0.5907 |
| 811 | 570                | 683 | 704 | 703 | Rcm25    | 1.4       | 0.7172 |
| 812 | 574                | 633 | 708 | 707 | Rcm25    | 1         | 0.5678 |
| 817 | 575                | 628 | 643 | 601 | Rcm25    | 1         | 0.4819 |
| 818 | 576                | 761 | 777 | 602 | Rcm25    | 1.4       | 0.5013 |
| 819 | 577                | 684 | 685 | 603 | Rcm25    | 1.4       | 0.6087 |
| 820 | 579                | 638 | 648 | 605 | Rcm25    | 1         | 0.4819 |
| 821 | 580                | 653 | 658 | 585 | Rcm25    | 1         | 0.3407 |
| 822 | 581                | 793 | 809 | 586 | Rcm25    | 0.35      | 0.3544 |
| 823 | 582                | 686 | 687 | 587 | Rcm25    | 0.35      | 0.4303 |
| 824 | 584                | 663 | 668 | 589 | Rcm25    | 1         | 0.3407 |
| 829 | 585                | 658 | 673 | 590 | Rcm25    | 1         | 0.4769 |
| 830 | 586                | 809 | 825 | 591 | Rcm25    | 0.25      | 0.4962 |
| 831 | 587                | 687 | 688 | 592 | Rcm25    | 0.25      | 0.6025 |
| 832 | 589                | 668 | 678 | 594 | Rcm25    | 1         | 0.4769 |
| 833 | 601                | 643 | 986 | 985 | Rcm25    | 1         | 0.3382 |
| 834 | 602                | 777 | 988 | 987 | Rcm25    | 1.4       | 0.3518 |
| 835 | 603                | 685 | 990 | 989 | Rcm25    | 1.4       | 0.4272 |
| 836 | 605                | 648 | 992 | 991 | Rcm25    | 1         | 0.3382 |

|     |     |     |      |      |       |      |        |
|-----|-----|-----|------|------|-------|------|--------|
| 837 | 606 | 611 | 613  | 595  | Rcm25 | 1    | 0.6612 |
| 838 | 611 | 610 | 612  | 613  | Rcm25 | 1    | 0.7194 |
| 839 | 610 | 585 | 590  | 612  | Rcm25 | 1    | 0.7194 |
| 846 | 614 | 615 | 616  | 617  | Rcm25 | 1    | 0.6612 |
| 847 | 615 | 618 | 619  | 616  | Rcm25 | 1    | 0.7194 |
| 848 | 618 | 589 | 594  | 619  | Rcm25 | 1    | 0.7194 |
| 855 | 623 | 624 | 711  | 696  | Rcm25 | 1    | 0.5678 |
| 856 | 624 | 625 | 713  | 711  | Rcm25 | 1    | 0.5678 |
| 857 | 625 | 626 | 715  | 713  | Rcm25 | 1    | 0.5678 |
| 858 | 626 | 627 | 717  | 715  | Rcm25 | 1    | 0.5678 |
| 859 | 627 | 571 | 699  | 717  | Rcm25 | 1    | 0.5678 |
| 860 | 633 | 634 | 719  | 708  | Rcm25 | 1    | 0.5678 |
| 861 | 634 | 635 | 721  | 719  | Rcm25 | 1    | 0.5678 |
| 862 | 635 | 636 | 723  | 721  | Rcm25 | 1    | 0.5678 |
| 863 | 636 | 637 | 725  | 723  | Rcm25 | 1    | 0.5678 |
| 864 | 637 | 572 | 727  | 725  | Rcm25 | 1    | 0.5678 |
| 865 | 628 | 629 | 644  | 643  | Rcm25 | 1    | 0.4819 |
| 866 | 629 | 630 | 645  | 644  | Rcm25 | 1    | 0.4819 |
| 867 | 630 | 631 | 646  | 645  | Rcm25 | 1    | 0.4819 |
| 868 | 631 | 632 | 647  | 646  | Rcm25 | 1    | 0.4819 |
| 869 | 632 | 576 | 602  | 647  | Rcm25 | 1    | 0.4819 |
| 870 | 638 | 639 | 649  | 648  | Rcm25 | 1    | 0.4819 |
| 871 | 639 | 640 | 650  | 649  | Rcm25 | 1    | 0.4819 |
| 872 | 640 | 641 | 651  | 650  | Rcm25 | 1    | 0.4819 |
| 873 | 641 | 642 | 652  | 651  | Rcm25 | 1    | 0.4819 |
| 874 | 642 | 578 | 604  | 652  | Rcm25 | 1    | 0.4819 |
| 875 | 653 | 654 | 659  | 658  | Rcm25 | 1    | 0.3407 |
| 876 | 654 | 655 | 660  | 659  | Rcm25 | 1    | 0.3407 |
| 877 | 655 | 656 | 661  | 660  | Rcm25 | 1    | 0.3407 |
| 878 | 656 | 657 | 662  | 661  | Rcm25 | 1    | 0.3407 |
| 879 | 657 | 581 | 586  | 662  | Rcm25 | 1    | 0.3407 |
| 880 | 663 | 664 | 669  | 668  | Rcm25 | 1    | 0.3407 |
| 881 | 664 | 665 | 670  | 669  | Rcm25 | 1    | 0.3407 |
| 882 | 665 | 666 | 671  | 670  | Rcm25 | 1    | 0.3407 |
| 883 | 666 | 667 | 672  | 671  | Rcm25 | 1    | 0.3407 |
| 884 | 667 | 583 | 588  | 672  | Rcm25 | 1    | 0.3407 |
| 885 | 658 | 659 | 674  | 673  | Rcm25 | 1    | 0.4769 |
| 886 | 659 | 660 | 675  | 674  | Rcm25 | 1    | 0.4769 |
| 887 | 660 | 661 | 676  | 675  | Rcm25 | 1    | 0.4769 |
| 888 | 661 | 662 | 677  | 676  | Rcm25 | 1    | 0.4769 |
| 889 | 662 | 586 | 591  | 677  | Rcm25 | 1    | 0.4769 |
| 890 | 668 | 669 | 679  | 678  | Rcm25 | 1    | 0.4769 |
| 891 | 669 | 670 | 680  | 679  | Rcm25 | 1    | 0.4769 |
| 892 | 670 | 671 | 681  | 680  | Rcm25 | 1    | 0.4769 |
| 893 | 671 | 672 | 682  | 681  | Rcm25 | 1    | 0.4769 |
| 894 | 672 | 588 | 593  | 682  | Rcm25 | 1    | 0.4769 |
| 895 | 643 | 644 | 995  | 986  | Rcm25 | 1    | 0.3382 |
| 896 | 644 | 645 | 996  | 995  | Rcm25 | 1    | 0.3382 |
| 897 | 645 | 646 | 997  | 996  | Rcm25 | 1    | 0.3382 |
| 898 | 646 | 647 | 998  | 997  | Rcm25 | 1    | 0.3382 |
| 899 | 647 | 602 | 987  | 998  | Rcm25 | 1    | 0.3382 |
| 900 | 648 | 649 | 999  | 992  | Rcm25 | 1    | 0.3382 |
| 901 | 649 | 650 | 1000 | 999  | Rcm25 | 1    | 0.3382 |
| 902 | 650 | 651 | 1001 | 1000 | Rcm25 | 1    | 0.3382 |
| 903 | 651 | 652 | 1002 | 1001 | Rcm25 | 1    | 0.3382 |
| 904 | 652 | 604 | 1003 | 1002 | Rcm25 | 1    | 0.3382 |
| 905 | 683 | 857 | 873  | 704  | Rcm25 | 1.4  | 0.5907 |
| 906 | 684 | 889 | 905  | 685  | Rcm25 | 1.4  | 0.5013 |
| 909 | 686 | 921 | 937  | 687  | Rcm25 | 0.35 | 0.3544 |
| 910 | 687 | 937 | 953  | 688  | Rcm25 | 0.25 | 0.4962 |
| 911 | 685 | 905 | 1004 | 990  | Rcm25 | 1.4  | 0.3518 |
| 912 | 689 | 570 | 703  | 700  | Rcm25 | 1.4  | 0.7173 |
| 913 | 690 | 577 | 603  | 691  | Rcm25 | 1.4  | 0.6087 |
| 916 | 692 | 582 | 587  | 693  | Rcm25 | 0.35 | 0.4304 |
| 917 | 693 | 587 | 592  | 694  | Rcm25 | 0.25 | 0.6025 |
| 918 | 691 | 603 | 989  | 1005 | Rcm25 | 1.4  | 0.4272 |
| 919 | 695 | 696 | 698  | 697  | Rcm25 | 1    | 0.5678 |
| 920 | 697 | 698 | 628  | 575  | Rcm25 | 1    | 0.5678 |
| 921 | 699 | 745 | 841  | 701  | Rcm25 | 1.4  | 0.5907 |
| 922 | 701 | 841 | 761  | 576  | Rcm25 | 1.4  | 0.5907 |
| 923 | 703 | 704 | 706  | 705  | Rcm25 | 1.4  | 0.7172 |
| 924 | 705 | 706 | 684  | 577  | Rcm25 | 1.4  | 0.7172 |
| 925 | 707 | 708 | 710  | 709  | Rcm25 | 1    | 0.5678 |
| 926 | 709 | 710 | 638  | 579  | Rcm25 | 1    | 0.5678 |
| 927 | 696 | 711 | 712  | 698  | Rcm25 | 1    | 0.5678 |
| 928 | 698 | 712 | 629  | 628  | Rcm25 | 1    | 0.5678 |
| 929 | 711 | 713 | 714  | 712  | Rcm25 | 1    | 0.5678 |
| 930 | 712 | 714 | 630  | 629  | Rcm25 | 1    | 0.5678 |
| 931 | 713 | 715 | 716  | 714  | Rcm25 | 1    | 0.5678 |
| 932 | 714 | 716 | 631  | 630  | Rcm25 | 1    | 0.5678 |
| 933 | 715 | 717 | 718  | 716  | Rcm25 | 1    | 0.5678 |
| 934 | 716 | 718 | 632  | 631  | Rcm25 | 1    | 0.5678 |
| 935 | 717 | 699 | 701  | 718  | Rcm25 | 1    | 0.5678 |
| 936 | 718 | 701 | 576  | 632  | Rcm25 | 1    | 0.5678 |
| 937 | 708 | 719 | 720  | 710  | Rcm25 | 1    | 0.5678 |
| 938 | 710 | 720 | 639  | 638  | Rcm25 | 1    | 0.5678 |
| 939 | 719 | 721 | 722  | 720  | Rcm25 | 1    | 0.5678 |
| 940 | 720 | 722 | 640  | 639  | Rcm25 | 1    | 0.5678 |
| 941 | 721 | 723 | 724  | 722  | Rcm25 | 1    | 0.5678 |
| 942 | 722 | 724 | 641  | 640  | Rcm25 | 1    | 0.5678 |
| 943 | 723 | 725 | 726  | 724  | Rcm25 | 1    | 0.5678 |
| 944 | 724 | 726 | 642  | 641  | Rcm25 | 1    | 0.5678 |
| 945 | 725 | 727 | 728  | 726  | Rcm25 | 1    | 0.5678 |
| 946 | 726 | 728 | 578  | 642  | Rcm25 | 1    | 0.5678 |
| 947 | 704 | 873 | 969  | 706  | Rcm25 | 1.4  | 0.5907 |
| 948 | 706 | 969 | 889  | 684  | Rcm25 | 1.4  | 0.5907 |
| 949 | 700 | 703 | 705  | 702  | Rcm25 | 1.4  | 0.7173 |
| 950 | 702 | 705 | 577  | 690  | Rcm25 | 1.4  | 0.7173 |
| 951 | 729 | 730 | 746  | 745  | Rcm25 | 1.4  | 0.5907 |
| 952 | 730 | 731 | 747  | 746  | Rcm25 | 1.4  | 0.5907 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |      |      |       |      |        |
|------|-----|-----|------|------|-------|------|--------|
| 953  | 731 | 732 | 748  | 747  | Rcm25 | 1.4  | 0.5907 |
| 954  | 732 | 733 | 749  | 748  | Rcm25 | 1.4  | 0.5907 |
| 955  | 733 | 734 | 750  | 749  | Rcm25 | 1.4  | 0.5907 |
| 956  | 734 | 735 | 751  | 750  | Rcm25 | 1.4  | 0.5907 |
| 957  | 735 | 736 | 752  | 751  | Rcm25 | 1.4  | 0.5907 |
| 958  | 736 | 737 | 753  | 752  | Rcm25 | 1.4  | 0.5907 |
| 959  | 737 | 738 | 754  | 753  | Rcm25 | 1.4  | 0.5907 |
| 960  | 738 | 739 | 755  | 754  | Rcm25 | 1.4  | 0.5907 |
| 961  | 739 | 740 | 756  | 755  | Rcm25 | 1.4  | 0.5907 |
| 962  | 740 | 741 | 757  | 756  | Rcm25 | 1.4  | 0.5907 |
| 963  | 741 | 742 | 758  | 757  | Rcm25 | 1.4  | 0.5907 |
| 964  | 742 | 743 | 759  | 758  | Rcm25 | 1.4  | 0.5907 |
| 965  | 743 | 744 | 760  | 759  | Rcm25 | 1.4  | 0.5907 |
| 966  | 744 | 689 | 700  | 760  | Rcm25 | 1.4  | 0.5907 |
| 967  | 761 | 762 | 778  | 777  | Rcm25 | 1.4  | 0.5013 |
| 968  | 762 | 763 | 779  | 778  | Rcm25 | 1.4  | 0.5013 |
| 969  | 763 | 764 | 780  | 779  | Rcm25 | 1.4  | 0.5013 |
| 970  | 764 | 765 | 781  | 780  | Rcm25 | 1.4  | 0.5013 |
| 971  | 765 | 766 | 782  | 781  | Rcm25 | 1.4  | 0.5013 |
| 972  | 766 | 767 | 783  | 782  | Rcm25 | 1.4  | 0.5013 |
| 973  | 767 | 768 | 784  | 783  | Rcm25 | 1.4  | 0.5013 |
| 974  | 768 | 769 | 785  | 784  | Rcm25 | 1.4  | 0.5013 |
| 975  | 769 | 770 | 786  | 785  | Rcm25 | 1.4  | 0.5013 |
| 976  | 770 | 771 | 787  | 786  | Rcm25 | 1.4  | 0.5013 |
| 977  | 771 | 772 | 788  | 787  | Rcm25 | 1.4  | 0.5013 |
| 978  | 772 | 773 | 789  | 788  | Rcm25 | 1.4  | 0.5013 |
| 979  | 773 | 774 | 790  | 789  | Rcm25 | 1.4  | 0.5013 |
| 980  | 774 | 775 | 791  | 790  | Rcm25 | 1.4  | 0.5013 |
| 981  | 775 | 776 | 792  | 791  | Rcm25 | 1.4  | 0.5013 |
| 982  | 776 | 690 | 691  | 792  | Rcm25 | 1.4  | 0.5013 |
| 1015 | 793 | 794 | 810  | 809  | Rcm25 | 0.35 | 0.3544 |
| 1016 | 794 | 795 | 811  | 810  | Rcm25 | 0.35 | 0.3544 |
| 1017 | 795 | 796 | 812  | 811  | Rcm25 | 0.35 | 0.3544 |
| 1018 | 796 | 797 | 813  | 812  | Rcm25 | 0.35 | 0.3544 |
| 1019 | 797 | 798 | 814  | 813  | Rcm25 | 0.35 | 0.3544 |
| 1020 | 798 | 799 | 815  | 814  | Rcm25 | 0.35 | 0.3544 |
| 1021 | 799 | 800 | 816  | 815  | Rcm25 | 0.35 | 0.3544 |
| 1022 | 800 | 801 | 817  | 816  | Rcm25 | 0.35 | 0.3544 |
| 1023 | 801 | 802 | 818  | 817  | Rcm25 | 0.35 | 0.3544 |
| 1024 | 802 | 803 | 819  | 818  | Rcm25 | 0.35 | 0.3544 |
| 1025 | 803 | 804 | 820  | 819  | Rcm25 | 0.35 | 0.3544 |
| 1026 | 804 | 805 | 821  | 820  | Rcm25 | 0.35 | 0.3544 |
| 1027 | 805 | 806 | 822  | 821  | Rcm25 | 0.35 | 0.3544 |
| 1028 | 806 | 807 | 823  | 822  | Rcm25 | 0.35 | 0.3544 |
| 1029 | 807 | 808 | 824  | 823  | Rcm25 | 0.35 | 0.3544 |
| 1030 | 808 | 692 | 693  | 824  | Rcm25 | 0.35 | 0.3544 |
| 1031 | 809 | 810 | 826  | 825  | Rcm25 | 0.25 | 0.4962 |
| 1032 | 810 | 811 | 827  | 826  | Rcm25 | 0.25 | 0.4962 |
| 1033 | 811 | 812 | 828  | 827  | Rcm25 | 0.25 | 0.4962 |
| 1034 | 812 | 813 | 829  | 828  | Rcm25 | 0.25 | 0.4962 |
| 1035 | 813 | 814 | 830  | 829  | Rcm25 | 0.25 | 0.4962 |
| 1036 | 814 | 815 | 831  | 830  | Rcm25 | 0.25 | 0.4962 |
| 1037 | 815 | 816 | 832  | 831  | Rcm25 | 0.25 | 0.4962 |
| 1038 | 816 | 817 | 833  | 832  | Rcm25 | 0.25 | 0.4962 |
| 1039 | 817 | 818 | 834  | 833  | Rcm25 | 0.25 | 0.4962 |
| 1040 | 818 | 819 | 835  | 834  | Rcm25 | 0.25 | 0.4962 |
| 1041 | 819 | 820 | 836  | 835  | Rcm25 | 0.25 | 0.4962 |
| 1042 | 820 | 821 | 837  | 836  | Rcm25 | 0.25 | 0.4962 |
| 1043 | 821 | 822 | 838  | 837  | Rcm25 | 0.25 | 0.4962 |
| 1044 | 822 | 823 | 839  | 838  | Rcm25 | 0.25 | 0.4962 |
| 1045 | 823 | 824 | 840  | 839  | Rcm25 | 0.25 | 0.4962 |
| 1046 | 824 | 693 | 694  | 840  | Rcm25 | 0.25 | 0.4962 |
| 1047 | 777 | 778 | 1006 | 988  | Rcm25 | 1.4  | 0.3518 |
| 1048 | 778 | 779 | 1007 | 1006 | Rcm25 | 1.4  | 0.3518 |
| 1049 | 779 | 780 | 1008 | 1007 | Rcm25 | 1.4  | 0.3518 |
| 1050 | 780 | 781 | 1009 | 1008 | Rcm25 | 1.4  | 0.3518 |
| 1051 | 781 | 782 | 1010 | 1009 | Rcm25 | 1.4  | 0.3518 |
| 1052 | 782 | 783 | 1011 | 1010 | Rcm25 | 1.4  | 0.3518 |
| 1053 | 783 | 784 | 1012 | 1011 | Rcm25 | 1.4  | 0.3518 |
| 1054 | 784 | 785 | 1013 | 1012 | Rcm25 | 1.4  | 0.3518 |
| 1055 | 785 | 786 | 1014 | 1013 | Rcm25 | 1.4  | 0.3518 |
| 1056 | 786 | 787 | 1015 | 1014 | Rcm25 | 1.4  | 0.3518 |
| 1057 | 787 | 788 | 1016 | 1015 | Rcm25 | 1.4  | 0.3518 |
| 1058 | 788 | 789 | 1017 | 1016 | Rcm25 | 1.4  | 0.3518 |
| 1059 | 789 | 790 | 1018 | 1017 | Rcm25 | 1.4  | 0.3518 |
| 1060 | 790 | 791 | 1019 | 1018 | Rcm25 | 1.4  | 0.3518 |
| 1061 | 791 | 792 | 1020 | 1019 | Rcm25 | 1.4  | 0.3518 |
| 1062 | 792 | 691 | 1005 | 1020 | Rcm25 | 1.4  | 0.3518 |
| 1063 | 745 | 746 | 842  | 841  | Rcm25 | 1.4  | 0.5907 |
| 1064 | 746 | 747 | 843  | 842  | Rcm25 | 1.4  | 0.5907 |
| 1065 | 747 | 748 | 844  | 843  | Rcm25 | 1.4  | 0.5907 |
| 1066 | 748 | 749 | 845  | 844  | Rcm25 | 1.4  | 0.5907 |
| 1067 | 749 | 750 | 846  | 845  | Rcm25 | 1.4  | 0.5907 |
| 1068 | 750 | 751 | 847  | 846  | Rcm25 | 1.4  | 0.5907 |
| 1069 | 751 | 752 | 848  | 847  | Rcm25 | 1.4  | 0.5907 |
| 1070 | 752 | 753 | 849  | 848  | Rcm25 | 1.4  | 0.5907 |
| 1071 | 753 | 754 | 850  | 849  | Rcm25 | 1.4  | 0.5907 |
| 1072 | 754 | 755 | 851  | 850  | Rcm25 | 1.4  | 0.5907 |
| 1073 | 755 | 756 | 852  | 851  | Rcm25 | 1.4  | 0.5907 |
| 1074 | 756 | 757 | 853  | 852  | Rcm25 | 1.4  | 0.5907 |
| 1075 | 757 | 758 | 854  | 853  | Rcm25 | 1.4  | 0.5907 |
| 1076 | 758 | 759 | 855  | 854  | Rcm25 | 1.4  | 0.5907 |
| 1077 | 759 | 760 | 856  | 855  | Rcm25 | 1.4  | 0.5907 |
| 1078 | 760 | 700 | 702  | 856  | Rcm25 | 1.4  | 0.5907 |
| 1079 | 841 | 842 | 762  | 761  | Rcm25 | 1.4  | 0.5907 |
| 1080 | 842 | 843 | 763  | 762  | Rcm25 | 1.4  | 0.5907 |
| 1081 | 843 | 844 | 764  | 763  | Rcm25 | 1.4  | 0.5907 |
| 1082 | 844 | 845 | 765  | 764  | Rcm25 | 1.4  | 0.5907 |
| 1083 | 845 | 846 | 766  | 765  | Rcm25 | 1.4  | 0.5907 |
| 1084 | 846 | 847 | 767  | 766  | Rcm25 | 1.4  | 0.5907 |

|      |     |     |      |      |       |      |        |
|------|-----|-----|------|------|-------|------|--------|
| 1085 | 847 | 848 | 768  | 767  | Rcm25 | 1.4  | 0.5907 |
| 1086 | 848 | 849 | 769  | 768  | Rcm25 | 1.4  | 0.5907 |
| 1087 | 849 | 850 | 770  | 769  | Rcm25 | 1.4  | 0.5907 |
| 1088 | 850 | 851 | 771  | 770  | Rcm25 | 1.4  | 0.5907 |
| 1089 | 851 | 852 | 772  | 771  | Rcm25 | 1.4  | 0.5907 |
| 1090 | 852 | 853 | 773  | 772  | Rcm25 | 1.4  | 0.5907 |
| 1091 | 853 | 854 | 774  | 773  | Rcm25 | 1.4  | 0.5907 |
| 1092 | 854 | 855 | 775  | 774  | Rcm25 | 1.4  | 0.5907 |
| 1093 | 855 | 856 | 776  | 775  | Rcm25 | 1.4  | 0.5907 |
| 1094 | 856 | 702 | 690  | 776  | Rcm25 | 1.4  | 0.5907 |
| 1095 | 857 | 858 | 874  | 873  | Rcm25 | 1.4  | 0.5907 |
| 1096 | 858 | 859 | 875  | 874  | Rcm25 | 1.4  | 0.5907 |
| 1097 | 859 | 860 | 876  | 875  | Rcm25 | 1.4  | 0.5907 |
| 1098 | 860 | 861 | 877  | 876  | Rcm25 | 1.4  | 0.5907 |
| 1099 | 861 | 862 | 878  | 877  | Rcm25 | 1.4  | 0.5907 |
| 1100 | 862 | 863 | 879  | 878  | Rcm25 | 1.4  | 0.5907 |
| 1101 | 863 | 864 | 880  | 879  | Rcm25 | 1.4  | 0.5907 |
| 1102 | 864 | 865 | 881  | 880  | Rcm25 | 1.4  | 0.5907 |
| 1103 | 865 | 866 | 882  | 881  | Rcm25 | 1.4  | 0.5907 |
| 1104 | 866 | 867 | 883  | 882  | Rcm25 | 1.4  | 0.5907 |
| 1105 | 867 | 868 | 884  | 883  | Rcm25 | 1.4  | 0.5907 |
| 1106 | 868 | 869 | 885  | 884  | Rcm25 | 1.4  | 0.5907 |
| 1107 | 869 | 870 | 886  | 885  | Rcm25 | 1.4  | 0.5907 |
| 1108 | 870 | 871 | 887  | 886  | Rcm25 | 1.4  | 0.5907 |
| 1109 | 871 | 872 | 888  | 887  | Rcm25 | 1.4  | 0.5907 |
| 1110 | 872 | 572 | 727  | 888  | Rcm25 | 1.4  | 0.5907 |
| 1111 | 889 | 890 | 906  | 905  | Rcm25 | 1.4  | 0.5013 |
| 1112 | 890 | 891 | 907  | 906  | Rcm25 | 1.4  | 0.5013 |
| 1113 | 891 | 892 | 908  | 907  | Rcm25 | 1.4  | 0.5013 |
| 1114 | 892 | 893 | 909  | 908  | Rcm25 | 1.4  | 0.5013 |
| 1115 | 893 | 894 | 910  | 909  | Rcm25 | 1.4  | 0.5013 |
| 1116 | 894 | 895 | 911  | 910  | Rcm25 | 1.4  | 0.5013 |
| 1117 | 895 | 896 | 912  | 911  | Rcm25 | 1.4  | 0.5013 |
| 1118 | 896 | 897 | 913  | 912  | Rcm25 | 1.4  | 0.5013 |
| 1119 | 897 | 898 | 914  | 913  | Rcm25 | 1.4  | 0.5013 |
| 1120 | 898 | 899 | 915  | 914  | Rcm25 | 1.4  | 0.5013 |
| 1121 | 899 | 900 | 916  | 915  | Rcm25 | 1.4  | 0.5013 |
| 1122 | 900 | 901 | 917  | 916  | Rcm25 | 1.4  | 0.5013 |
| 1123 | 901 | 902 | 918  | 917  | Rcm25 | 1.4  | 0.5013 |
| 1124 | 902 | 903 | 919  | 918  | Rcm25 | 1.4  | 0.5013 |
| 1125 | 903 | 904 | 920  | 919  | Rcm25 | 1.4  | 0.5013 |
| 1126 | 904 | 578 | 604  | 920  | Rcm25 | 1.4  | 0.5013 |
| 1159 | 921 | 922 | 938  | 937  | Rcm25 | 0.35 | 0.3544 |
| 1160 | 922 | 923 | 939  | 938  | Rcm25 | 0.35 | 0.3544 |
| 1161 | 923 | 924 | 940  | 939  | Rcm25 | 0.35 | 0.3544 |
| 1162 | 924 | 925 | 941  | 940  | Rcm25 | 0.35 | 0.3544 |
| 1163 | 925 | 926 | 942  | 941  | Rcm25 | 0.35 | 0.3544 |
| 1164 | 926 | 927 | 943  | 942  | Rcm25 | 0.35 | 0.3544 |
| 1165 | 927 | 928 | 944  | 943  | Rcm25 | 0.35 | 0.3544 |
| 1166 | 928 | 929 | 945  | 944  | Rcm25 | 0.35 | 0.3544 |
| 1167 | 929 | 930 | 946  | 945  | Rcm25 | 0.35 | 0.3544 |
| 1168 | 930 | 931 | 947  | 946  | Rcm25 | 0.35 | 0.3544 |
| 1169 | 931 | 932 | 948  | 947  | Rcm25 | 0.35 | 0.3544 |
| 1170 | 932 | 933 | 949  | 948  | Rcm25 | 0.35 | 0.3544 |
| 1171 | 933 | 934 | 950  | 949  | Rcm25 | 0.35 | 0.3544 |
| 1172 | 934 | 935 | 951  | 950  | Rcm25 | 0.35 | 0.3544 |
| 1173 | 935 | 936 | 952  | 951  | Rcm25 | 0.35 | 0.3544 |
| 1174 | 936 | 583 | 588  | 952  | Rcm25 | 0.35 | 0.3544 |
| 1175 | 937 | 938 | 954  | 953  | Rcm25 | 0.25 | 0.4962 |
| 1176 | 938 | 939 | 955  | 954  | Rcm25 | 0.25 | 0.4962 |
| 1177 | 939 | 940 | 956  | 955  | Rcm25 | 0.25 | 0.4962 |
| 1178 | 940 | 941 | 957  | 956  | Rcm25 | 0.25 | 0.4962 |
| 1179 | 941 | 942 | 958  | 957  | Rcm25 | 0.25 | 0.4962 |
| 1180 | 942 | 943 | 959  | 958  | Rcm25 | 0.25 | 0.4962 |
| 1181 | 943 | 944 | 960  | 959  | Rcm25 | 0.25 | 0.4962 |
| 1182 | 944 | 945 | 961  | 960  | Rcm25 | 0.25 | 0.4962 |
| 1183 | 945 | 946 | 962  | 961  | Rcm25 | 0.25 | 0.4962 |
| 1184 | 946 | 947 | 963  | 962  | Rcm25 | 0.25 | 0.4962 |
| 1185 | 947 | 948 | 964  | 963  | Rcm25 | 0.25 | 0.4962 |
| 1186 | 948 | 949 | 965  | 964  | Rcm25 | 0.25 | 0.4962 |
| 1187 | 949 | 950 | 966  | 965  | Rcm25 | 0.25 | 0.4962 |
| 1188 | 950 | 951 | 967  | 966  | Rcm25 | 0.25 | 0.4962 |
| 1189 | 951 | 952 | 968  | 967  | Rcm25 | 0.25 | 0.4962 |
| 1190 | 952 | 588 | 593  | 968  | Rcm25 | 0.25 | 0.4962 |
| 1191 | 905 | 906 | 1021 | 1004 | Rcm25 | 1.4  | 0.3518 |
| 1192 | 906 | 907 | 1022 | 1021 | Rcm25 | 1.4  | 0.3518 |
| 1193 | 907 | 908 | 1023 | 1022 | Rcm25 | 1.4  | 0.3518 |
| 1194 | 908 | 909 | 1024 | 1023 | Rcm25 | 1.4  | 0.3518 |
| 1195 | 909 | 910 | 1025 | 1024 | Rcm25 | 1.4  | 0.3518 |
| 1196 | 910 | 911 | 1026 | 1025 | Rcm25 | 1.4  | 0.3518 |
| 1197 | 911 | 912 | 1027 | 1026 | Rcm25 | 1.4  | 0.3518 |
| 1198 | 912 | 913 | 1028 | 1027 | Rcm25 | 1.4  | 0.3518 |
| 1199 | 913 | 914 | 1029 | 1028 | Rcm25 | 1.4  | 0.3518 |
| 1200 | 914 | 915 | 1030 | 1029 | Rcm25 | 1.4  | 0.3518 |
| 1201 | 915 | 916 | 1031 | 1030 | Rcm25 | 1.4  | 0.3518 |
| 1202 | 916 | 917 | 1032 | 1031 | Rcm25 | 1.4  | 0.3518 |
| 1203 | 917 | 918 | 1033 | 1032 | Rcm25 | 1.4  | 0.3518 |
| 1204 | 918 | 919 | 1034 | 1033 | Rcm25 | 1.4  | 0.3518 |
| 1205 | 919 | 920 | 1035 | 1034 | Rcm25 | 1.4  | 0.3518 |
| 1206 | 920 | 604 | 1003 | 1035 | Rcm25 | 1.4  | 0.3518 |
| 1207 | 873 | 874 | 970  | 969  | Rcm25 | 1.4  | 0.5907 |
| 1208 | 874 | 875 | 971  | 970  | Rcm25 | 1.4  | 0.5907 |
| 1209 | 875 | 876 | 972  | 971  | Rcm25 | 1.4  | 0.5907 |
| 1210 | 876 | 877 | 973  | 972  | Rcm25 | 1.4  | 0.5907 |
| 1211 | 877 | 878 | 974  | 973  | Rcm25 | 1.4  | 0.5907 |
| 1212 | 878 | 879 | 975  | 974  | Rcm25 | 1.4  | 0.5907 |
| 1213 | 879 | 880 | 976  | 975  | Rcm25 | 1.4  | 0.5907 |
| 1214 | 880 | 881 | 977  | 976  | Rcm25 | 1.4  | 0.5907 |
| 1215 | 881 | 882 | 978  | 977  | Rcm25 | 1.4  | 0.5907 |
| 1216 | 882 | 883 | 979  | 978  | Rcm25 | 1.4  | 0.5907 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |      |      |      |      |        |     |        |
|------|------|------|------|------|--------|-----|--------|
| 1217 | 883  | 884  | 980  | 979  | Rcm25  | 1.4 | 0.5907 |
| 1218 | 884  | 885  | 981  | 980  | Rcm25  | 1.4 | 0.5907 |
| 1219 | 885  | 886  | 982  | 981  | Rcm25  | 1.4 | 0.5907 |
| 1220 | 886  | 887  | 983  | 982  | Rcm25  | 1.4 | 0.5907 |
| 1221 | 887  | 888  | 984  | 983  | Rcm25  | 1.4 | 0.5907 |
| 1222 | 888  | 727  | 728  | 984  | Rcm25  | 1.4 | 0.5907 |
| 1223 | 969  | 970  | 890  | 889  | Rcm25  | 1.4 | 0.5907 |
| 1224 | 970  | 971  | 891  | 890  | Rcm25  | 1.4 | 0.5907 |
| 1225 | 971  | 972  | 892  | 891  | Rcm25  | 1.4 | 0.5907 |
| 1226 | 972  | 973  | 893  | 892  | Rcm25  | 1.4 | 0.5907 |
| 1227 | 973  | 974  | 894  | 893  | Rcm25  | 1.4 | 0.5907 |
| 1228 | 974  | 975  | 895  | 894  | Rcm25  | 1.4 | 0.5907 |
| 1229 | 975  | 976  | 896  | 895  | Rcm25  | 1.4 | 0.5907 |
| 1230 | 976  | 977  | 897  | 896  | Rcm25  | 1.4 | 0.5907 |
| 1231 | 977  | 978  | 898  | 897  | Rcm25  | 1.4 | 0.5907 |
| 1232 | 978  | 979  | 899  | 898  | Rcm25  | 1.4 | 0.5907 |
| 1233 | 979  | 980  | 900  | 899  | Rcm25  | 1.4 | 0.5907 |
| 1234 | 980  | 981  | 901  | 900  | Rcm25  | 1.4 | 0.5907 |
| 1235 | 981  | 982  | 902  | 901  | Rcm25  | 1.4 | 0.5907 |
| 1236 | 982  | 983  | 903  | 902  | Rcm25  | 1.4 | 0.5907 |
| 1237 | 983  | 984  | 904  | 903  | Rcm25  | 1.4 | 0.5907 |
| 1238 | 984  | 728  | 578  | 904  | Rcm25  | 1.4 | 0.5907 |
| 1239 | 985  | 986  | 653  | 580  | Rcm25  | 1   | 0.3382 |
| 1240 | 987  | 988  | 793  | 581  | Rcm25  | 1.4 | 0.3518 |
| 1241 | 989  | 990  | 686  | 582  | Rcm25  | 1.4 | 0.4272 |
| 1242 | 991  | 992  | 663  | 584  | Rcm25  | 1   | 0.3382 |
| 1245 | 986  | 995  | 654  | 653  | Rcm25  | 1   | 0.3382 |
| 1246 | 995  | 996  | 655  | 654  | Rcm25  | 1   | 0.3382 |
| 1247 | 996  | 997  | 656  | 655  | Rcm25  | 1   | 0.3382 |
| 1248 | 997  | 998  | 657  | 656  | Rcm25  | 1   | 0.3382 |
| 1249 | 998  | 987  | 581  | 657  | Rcm25  | 1   | 0.3382 |
| 1250 | 992  | 999  | 664  | 663  | Rcm25  | 1   | 0.3382 |
| 1251 | 999  | 1000 | 665  | 664  | Rcm25  | 1   | 0.3382 |
| 1252 | 1000 | 1001 | 666  | 665  | Rcm25  | 1   | 0.3382 |
| 1253 | 1001 | 1002 | 667  | 666  | Rcm25  | 1   | 0.3382 |
| 1254 | 1002 | 1003 | 583  | 667  | Rcm25  | 1   | 0.3382 |
| 1255 | 990  | 1004 | 921  | 686  | Rcm25  | 1.4 | 0.3518 |
| 1256 | 1005 | 989  | 582  | 692  | Rcm25  | 1.4 | 0.4272 |
| 1257 | 988  | 1006 | 794  | 793  | Rcm25  | 1.4 | 0.3518 |
| 1258 | 1006 | 1007 | 795  | 794  | Rcm25  | 1.4 | 0.3518 |
| 1259 | 1007 | 1008 | 796  | 795  | Rcm25  | 1.4 | 0.3518 |
| 1260 | 1008 | 1009 | 797  | 796  | Rcm25  | 1.4 | 0.3518 |
| 1261 | 1009 | 1010 | 798  | 797  | Rcm25  | 1.4 | 0.3518 |
| 1262 | 1010 | 1011 | 799  | 798  | Rcm25  | 1.4 | 0.3518 |
| 1263 | 1011 | 1012 | 800  | 799  | Rcm25  | 1.4 | 0.3518 |
| 1264 | 1012 | 1013 | 801  | 800  | Rcm25  | 1.4 | 0.3518 |
| 1265 | 1013 | 1014 | 802  | 801  | Rcm25  | 1.4 | 0.3518 |
| 1266 | 1014 | 1015 | 803  | 802  | Rcm25  | 1.4 | 0.3518 |
| 1267 | 1015 | 1016 | 804  | 803  | Rcm25  | 1.4 | 0.3518 |
| 1268 | 1016 | 1017 | 805  | 804  | Rcm25  | 1.4 | 0.3518 |
| 1269 | 1017 | 1018 | 806  | 805  | Rcm25  | 1.4 | 0.3518 |
| 1270 | 1018 | 1019 | 807  | 806  | Rcm25  | 1.4 | 0.3518 |
| 1271 | 1019 | 1020 | 808  | 807  | Rcm25  | 1.4 | 0.3518 |
| 1272 | 1020 | 1005 | 692  | 808  | Rcm25  | 1.4 | 0.3518 |
| 1273 | 1004 | 1021 | 922  | 921  | Rcm25  | 1.4 | 0.3518 |
| 1274 | 1021 | 1022 | 923  | 922  | Rcm25  | 1.4 | 0.3518 |
| 1275 | 1022 | 1023 | 924  | 923  | Rcm25  | 1.4 | 0.3518 |
| 1276 | 1023 | 1024 | 925  | 924  | Rcm25  | 1.4 | 0.3518 |
| 1277 | 1024 | 1025 | 926  | 925  | Rcm25  | 1.4 | 0.3518 |
| 1278 | 1025 | 1026 | 927  | 926  | Rcm25  | 1.4 | 0.3518 |
| 1279 | 1026 | 1027 | 928  | 927  | Rcm25  | 1.4 | 0.3518 |
| 1280 | 1027 | 1028 | 929  | 928  | Rcm25  | 1.4 | 0.3518 |
| 1281 | 1028 | 1029 | 930  | 929  | Rcm25  | 1.4 | 0.3518 |
| 1282 | 1029 | 1030 | 931  | 930  | Rcm25  | 1.4 | 0.3518 |
| 1283 | 1030 | 1031 | 932  | 931  | Rcm25  | 1.4 | 0.3518 |
| 1284 | 1031 | 1032 | 933  | 932  | Rcm25  | 1.4 | 0.3518 |
| 1285 | 1032 | 1033 | 934  | 933  | Rcm25  | 1.4 | 0.3518 |
| 1286 | 1033 | 1034 | 935  | 934  | Rcm25  | 1.4 | 0.3518 |
| 1287 | 1034 | 1035 | 936  | 935  | Rcm25  | 1.4 | 0.3518 |
| 1288 | 1035 | 1003 | 583  | 936  | Rcm25  | 1.4 | 0.3518 |
| 1289 | 1036 | 1038 | 611  | 606  | Rcm25  | 1   | 0.4723 |
| 1290 | 1038 | 1037 | 610  | 611  | Rcm25  | 1   | 0.5139 |
| 1291 | 1037 | 580  | 585  | 610  | Rcm25  | 1   | 0.5139 |
| 1292 | 1036 | 1038 | 1040 | 0    | Rcm25  | 1   | 0.2528 |
| 1293 | 1039 | 601  | 575  | 0    | Rcm25  | 1   | 0.3634 |
| 1294 | 1040 | 1041 | 1037 | 1038 | Rcm25  | 1   | 0.5401 |
| 1295 | 1041 | 985  | 580  | 1037 | Rcm25  | 1   | 0.5201 |
| 1296 | 1039 | 601  | 985  | 1041 | Rcm25  | 1   | 0.5643 |
| 1297 | 1040 | 1041 | 1039 | 0    | Rcm25  | 1   | 0.3093 |
| 1298 | 1042 | 1043 | 615  | 614  | Rcm25  | 1   | 0.4723 |
| 1299 | 1043 | 1044 | 618  | 615  | Rcm25  | 1   | 0.5139 |
| 1300 | 1044 | 584  | 589  | 618  | Rcm25  | 1   | 0.5139 |
| 1301 | 1042 | 1043 | 1045 | 0    | Rcm25  | 1   | 0.2528 |
| 1302 | 1046 | 605  | 579  | 0    | Rcm25  | 1   | 0.3634 |
| 1303 | 1045 | 1047 | 1044 | 1043 | Rcm25  | 1   | 0.5401 |
| 1304 | 1047 | 991  | 584  | 1044 | Rcm25  | 1   | 0.5201 |
| 1305 | 1046 | 605  | 991  | 1047 | Rcm25  | 1   | 0.5643 |
| 1306 | 1045 | 1047 | 1046 | 0    | Rcm25  | 1   | 0.3093 |
| 1307 | 1048 | 1049 | 1050 | 1051 | C32/40 | 1   | 0.5678 |
| 1308 | 1052 | 1053 | 1054 | 1055 | C32/40 | 1   | 0.4819 |
| 1309 | 1056 | 1057 | 1058 | 1059 | C32/40 | 1   | 0.3407 |
| 1310 | 1059 | 1058 | 1060 | 1061 | C32/40 | 1   | 0.4769 |
| 1311 | 1055 | 1054 | 1062 | 1063 | C32/40 | 1   | 0.3382 |
| 1312 | 1064 | 1065 | 1066 | 1067 | C32/40 | 1   | 0.6612 |
| 1313 | 1065 | 1068 | 1069 | 1066 | C32/40 | 1   | 0.7194 |
| 1314 | 1068 | 1059 | 1061 | 1069 | C32/40 | 1   | 0.7194 |
| 1315 | 1049 | 1070 | 1071 | 1050 | C32/40 | 1   | 0.5678 |
| 1316 | 1070 | 1072 | 1073 | 1071 | C32/40 | 1   | 0.5678 |
| 1317 | 1072 | 1074 | 1075 | 1073 | C32/40 | 1   | 0.5678 |
| 1318 | 1074 | 1076 | 1077 | 1075 | C32/40 | 1   | 0.5678 |



|      |      |      |      |      |        |      |        |
|------|------|------|------|------|--------|------|--------|
| 1319 | 1076 | 1078 | 1079 | 1077 | C32/40 | 1    | 0.5678 |
| 1320 | 1053 | 1080 | 1081 | 1054 | C32/40 | 1    | 0.4819 |
| 1321 | 1080 | 1082 | 1083 | 1081 | C32/40 | 1    | 0.4819 |
| 1322 | 1082 | 1084 | 1085 | 1083 | C32/40 | 1    | 0.4819 |
| 1323 | 1084 | 1086 | 1087 | 1085 | C32/40 | 1    | 0.4819 |
| 1324 | 1086 | 1088 | 1089 | 1087 | C32/40 | 1    | 0.4819 |
| 1325 | 1057 | 1090 | 1091 | 1058 | C32/40 | 1    | 0.3407 |
| 1326 | 1090 | 1092 | 1093 | 1091 | C32/40 | 1    | 0.3407 |
| 1327 | 1092 | 1094 | 1095 | 1093 | C32/40 | 1    | 0.3407 |
| 1328 | 1094 | 1096 | 1097 | 1095 | C32/40 | 1    | 0.3407 |
| 1329 | 1096 | 1098 | 1099 | 1097 | C32/40 | 1    | 0.3407 |
| 1330 | 1058 | 1091 | 1100 | 1060 | C32/40 | 1    | 0.4769 |
| 1331 | 1091 | 1093 | 1101 | 1100 | C32/40 | 1    | 0.4769 |
| 1332 | 1093 | 1095 | 1102 | 1101 | C32/40 | 1    | 0.4769 |
| 1333 | 1095 | 1097 | 1103 | 1102 | C32/40 | 1    | 0.4769 |
| 1334 | 1097 | 1099 | 1104 | 1103 | C32/40 | 1    | 0.4769 |
| 1335 | 1054 | 1081 | 1105 | 1062 | C32/40 | 1    | 0.3382 |
| 1336 | 1081 | 1083 | 1106 | 1105 | C32/40 | 1    | 0.3382 |
| 1337 | 1083 | 1085 | 1107 | 1106 | C32/40 | 1    | 0.3382 |
| 1338 | 1085 | 1087 | 1108 | 1107 | C32/40 | 1    | 0.3382 |
| 1339 | 1087 | 1089 | 1109 | 1108 | C32/40 | 1    | 0.3382 |
| 1340 | 1051 | 1050 | 1110 | 1111 | C32/40 | 1    | 0.5678 |
| 1341 | 1111 | 1110 | 1053 | 1052 | C32/40 | 1    | 0.5678 |
| 1342 | 1050 | 1071 | 1112 | 1110 | C32/40 | 1    | 0.5678 |
| 1343 | 1110 | 1112 | 1080 | 1053 | C32/40 | 1    | 0.5678 |
| 1344 | 1071 | 1073 | 1113 | 1112 | C32/40 | 1    | 0.5678 |
| 1345 | 1112 | 1113 | 1082 | 1080 | C32/40 | 1    | 0.5678 |
| 1346 | 1073 | 1075 | 1114 | 1113 | C32/40 | 1    | 0.5678 |
| 1347 | 1113 | 1114 | 1084 | 1082 | C32/40 | 1    | 0.5678 |
| 1348 | 1075 | 1077 | 1115 | 1114 | C32/40 | 1    | 0.5678 |
| 1349 | 1114 | 1115 | 1086 | 1084 | C32/40 | 1    | 0.5678 |
| 1350 | 1077 | 1079 | 1116 | 1115 | C32/40 | 1    | 0.5678 |
| 1351 | 1115 | 1116 | 1088 | 1086 | C32/40 | 1    | 0.5678 |
| 1352 | 572  | 1117 | 1118 | 727  | C32/40 | 1.4  | 0.5907 |
| 1353 | 1117 | 1119 | 1120 | 1118 | C32/40 | 1.4  | 0.5907 |
| 1354 | 1119 | 1121 | 1122 | 1120 | C32/40 | 1.4  | 0.5907 |
| 1355 | 1121 | 1078 | 1079 | 1122 | C32/40 | 1.4  | 0.5907 |
| 1356 | 578  | 1123 | 1124 | 604  | C32/40 | 1.4  | 0.5013 |
| 1357 | 1123 | 1125 | 1126 | 1124 | C32/40 | 1.4  | 0.5013 |
| 1358 | 1125 | 1127 | 1128 | 1126 | C32/40 | 1.4  | 0.5013 |
| 1359 | 1127 | 1088 | 1089 | 1128 | C32/40 | 1.4  | 0.5013 |
| 1363 | 583  | 1129 | 1132 | 588  | C32/40 | 0.35 | 0.3544 |
| 1364 | 1129 | 1130 | 1133 | 1132 | C32/40 | 0.35 | 0.3544 |
| 1365 | 1130 | 1131 | 1134 | 1133 | C32/40 | 0.35 | 0.3544 |
| 1366 | 1131 | 1098 | 1099 | 1134 | C32/40 | 0.35 | 0.3544 |
| 1367 | 588  | 1132 | 1135 | 593  | C32/40 | 0.25 | 0.4962 |
| 1368 | 1132 | 1133 | 1136 | 1135 | C32/40 | 0.25 | 0.4962 |
| 1369 | 1133 | 1134 | 1137 | 1136 | C32/40 | 0.25 | 0.4962 |
| 1370 | 1134 | 1099 | 1104 | 1137 | C32/40 | 0.25 | 0.4962 |
| 1371 | 604  | 1124 | 1138 | 1003 | C32/40 | 1.4  | 0.3518 |
| 1372 | 1124 | 1126 | 1139 | 1138 | C32/40 | 1.4  | 0.3518 |
| 1373 | 1126 | 1128 | 1140 | 1139 | C32/40 | 1.4  | 0.3518 |
| 1374 | 1128 | 1089 | 1109 | 1140 | C32/40 | 1.4  | 0.3518 |
| 1375 | 727  | 1118 | 1141 | 728  | C32/40 | 1.4  | 0.5907 |
| 1376 | 1118 | 1120 | 1142 | 1141 | C32/40 | 1.4  | 0.5907 |
| 1377 | 1120 | 1122 | 1143 | 1142 | C32/40 | 1.4  | 0.5907 |
| 1378 | 1122 | 1079 | 1116 | 1143 | C32/40 | 1.4  | 0.5907 |
| 1379 | 728  | 1141 | 1123 | 578  | C32/40 | 1.4  | 0.5907 |
| 1380 | 1141 | 1142 | 1125 | 1123 | C32/40 | 1.4  | 0.5907 |
| 1381 | 1142 | 1143 | 1127 | 1125 | C32/40 | 1.4  | 0.5907 |
| 1382 | 1143 | 1116 | 1088 | 1127 | C32/40 | 1.4  | 0.5907 |
| 1383 | 1063 | 1062 | 1057 | 1056 | C32/40 | 1    | 0.3382 |
| 1384 | 1062 | 1105 | 1090 | 1057 | C32/40 | 1    | 0.3382 |
| 1385 | 1105 | 1106 | 1092 | 1090 | C32/40 | 1    | 0.3382 |
| 1386 | 1106 | 1107 | 1094 | 1092 | C32/40 | 1    | 0.3382 |
| 1387 | 1107 | 1108 | 1096 | 1094 | C32/40 | 1    | 0.3382 |
| 1388 | 1108 | 1109 | 1098 | 1096 | C32/40 | 1    | 0.3382 |
| 1389 | 1003 | 1138 | 1129 | 583  | C32/40 | 1.4  | 0.3518 |
| 1390 | 1138 | 1139 | 1130 | 1129 | C32/40 | 1.4  | 0.3518 |
| 1391 | 1139 | 1140 | 1131 | 1130 | C32/40 | 1.4  | 0.3518 |
| 1392 | 1140 | 1109 | 1098 | 1131 | C32/40 | 1.4  | 0.3518 |
| 1393 | 1144 | 1145 | 1065 | 1064 | C32/40 | 1    | 0.4723 |
| 1394 | 1145 | 1146 | 1068 | 1065 | C32/40 | 1    | 0.5139 |
| 1395 | 1146 | 1056 | 1059 | 1068 | C32/40 | 1    | 0.5139 |
| 1396 | 1144 | 1145 | 1147 | 0    | C32/40 | 1    | 0.2528 |
| 1397 | 1148 | 1055 | 1052 | 0    | C32/40 | 1    | 0.3634 |
| 1398 | 1147 | 1149 | 1146 | 1145 | C32/40 | 1    | 0.5401 |
| 1399 | 1149 | 1063 | 1056 | 1146 | C32/40 | 1    | 0.5201 |
| 1400 | 1148 | 1055 | 1063 | 1149 | C32/40 | 1    | 0.5643 |
| 1401 | 1147 | 1149 | 1148 | 0    | C32/40 | 1    | 0.3093 |

\*\*\* TOTAL WEIGHT / VOLUME / SURFACE AREA SUMMARY

| SECTION NO | SECTION NAME | SURFACE AREA | VOLUMN | WEIGHT | FRAME NUMBER | TRUSS NUMBER |
|------------|--------------|--------------|--------|--------|--------------|--------------|
| 3          | fittizia     | 10.21        | 0.2552 | 0      | 36           | 0            |

\*\*\* LOAD DATA

; Self Weight, Nodal Load, Specified Displacement, Beam Load, Floor Load, Finishing Material Load, System Temperature, Nodal Temperature, Element Temperature, Beam Section Temperature, Wind Load, Static Seismic Load, Time History Analysis Data

[ LOAD CASE : Gp ]

\*\* SELF WEIGHT DATA

; X=0, Y=0, Z=-1

[ LOAD CASE : G1 - vert ]

\*\* BEAM LOAD DATA

| MEMBER | TYPE         | DIR. | PROJ. | D1 | P1   | D2 | P2   | D3 | P3 | D4 | P4 |
|--------|--------------|------|-------|----|------|----|------|----|----|----|----|
| 907    | Uniform Load | GZ   | NO    | 0  | -246 | 1  | -246 | 0  | 0  | 0  | 0  |
| 983    | Uniform Load | GZ   | NO    | 0  | -246 | 1  | -246 | 0  | 0  | 0  | 0  |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |              |    |    |   |      |   |      |   |   |   |   |
|------|--------------|----|----|---|------|---|------|---|---|---|---|
| 984  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 985  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 986  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 987  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 988  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 989  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 990  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 991  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 992  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 993  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 994  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 995  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 996  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 997  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 998  | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1127 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1128 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1129 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1130 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1131 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1132 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1133 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1134 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1135 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1136 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1137 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1138 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1139 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1140 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1141 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1360 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1361 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1362 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |
| 1402 | Uniform Load | GZ | NO | 0 | -246 | 1 | -246 | 0 | 0 | 0 | 0 |

[ LOAD CASE : G1 - long ]

\*\* BEAM LOAD DATA

| MEMBER | TYPE         | DIR. | PROJ. | D1 | P1   | D2 | P2   | D3 | P3 | D4 | P4 |
|--------|--------------|------|-------|----|------|----|------|----|----|----|----|
| 907    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 983    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 984    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 985    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 986    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 987    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 988    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 989    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 990    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 991    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 992    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 993    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 994    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 995    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 996    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 997    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 998    | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1127   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1128   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1129   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1130   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1131   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1132   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1133   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1134   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1135   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1136   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1137   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1138   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1139   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1140   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1141   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1360   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1361   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1362   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |
| 1402   | Uniform Load | GX   | NO    | 0  | 48.5 | 1  | 48.5 | 0  | 0  | 0  | 0  |

[ LOAD CASE : St ]

[ LOAD CASE : Stq ]

[ LOAD CASE : St-TRASV ]

[ LOAD CASE : Stq-TRASV ]

\*\*\* RESPONSE SPECTRUM FUNCTION DATA

| NAME       | FUNCTION        | SCALE | GRAVITY DATA |
|------------|-----------------|-------|--------------|
| TYPE       |                 |       |              |
| q=1.5 - B~ | Normalized Acc. | 1     | 9.806        |

0:0.198 0.128:0.327 0.385:0.327 0.474:0.266 0.564:0.224

\*\*\* RESPONSE SPECTRUM LOAD CASE DATA

| NAME | FUNCTION NAME | DIR. | ANGLE | SCALE | PERIOD FACTOR | ACCIDENTAL ECCENTRICITY |
|------|---------------|------|-------|-------|---------------|-------------------------|
|------|---------------|------|-------|-------|---------------|-------------------------|

\*\*\* LOAD COMBINATION DATA

\*\* GENERAL

| NO | NAME       | TYPE | ACTIVE | DESCRIPTION |
|----|------------|------|--------|-------------|
| 1  | VERIFICA ~ | Add  | ACTIVE |             |
| 2  | VER.TRASV  | Add  | ACTIVE |             |

## 15.Tabulati di output – Stato di Progetto Spalla

```
*****
**                               Gen 2012                               Modeling, Integrated Design & Analysis Software                               **
**                               GENERAL STRUCTURE DESIGN SYSTEM                               **
*****
```

```

XXX  XXX  XX  XXXXXXXX  XXXXXXXX  XXXXXXXX
XXXX XXXX  XX  XX  XX  XX  XX  XX  XX
XX  XX  XX  XX  XX  XX  XX  XX  XX
XX  X  XX  XX  XX  XX  XXXXXXXX  XXXXXXXX
XXX  XX  XXX  XXX  XX  XX  XX  XXX
XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
XXX  XX  XXX  XXXXXXXX  XXX  XX  XXXXXXXX /Gen

```

Gen 2012

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### ANALYSIS RESULT OUTPUT

LOAD SET FOR ELEMENT OUTPUT - Load Set 1

<< LOAD COMB/CASE/ENVEL ABBREVIATION TABLE >>

| ABBREVIATION | FULL NAME      | TYPE     | DESCRIPTION                                |
|--------------|----------------|----------|--------------------------------------------|
| G1 - v-1     | G1 - vert      | Static   | azioni vert impalcati                      |
| G1 - l-1     | G1 - long      | Static   | azioni long impalcati                      |
| Stq-TR-1     | Stq-TRASV      | Static   | spinta sovraccarichi terreno ad h/2- TRASV |
| VERIFI-1     | VERIFICA LONG. | Gen.Comb |                                            |
| VER.TR-1     | VER.TRASV      | Gen.Comb |                                            |

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[[Selected Load Combinations]]

| L. COMB  | TYPE     | COMBINATION DETAIL |                    |                    |                    |
|----------|----------|--------------------|--------------------|--------------------|--------------------|
| VERIFI-1 | Gen.Comb | 1.000 x Gp         | + 1.000 x G1 - v-1 | + 1.000 x St       | + 1.000 x Stq      |
|          |          | 1.000 x x          | + 1.000 x G1 - l-1 |                    |                    |
| VER.TR-1 | Gen.Comb | 1.000 x Gp         | + 1.000 x G1 - v-1 | + 1.000 x St-TRASV | + 1.000 x Stq-TR-1 |
|          |          | 1.000 x y          |                    |                    |                    |

PLATE ELEMENT FORCES (LOCAL, UNIT LENGTH) PRINTOUT

Unit System : kN , m

| ELEM | MAT      | SEC  | LC       | NODE   | Fxx    | Fyy    | Fxy    | Fmax   | Fmin   | ANGLE  |
|------|----------|------|----------|--------|--------|--------|--------|--------|--------|--------|
| 810  | 1        | 1    | VERIFI-1 | Cent   | -103.7 | -460.8 | -74.1  | -89.0  | -475.6 | -11.27 |
|      |          |      |          | 571    | -117.0 | -541.3 | -52.6  | -110.6 | -547.8 | -6.96  |
|      |          |      |          | 729    | -117.0 | -393.1 | -85.9  | -92.5  | -417.6 | -15.95 |
|      |          |      |          | 745    | -69.5  | -393.1 | -95.6  | -43.3  | -419.3 | -15.29 |
|      |          |      |          | 699    | -69.5  | -541.3 | -62.3  | -61.4  | -549.4 | -7.40  |
|      |          |      |          | NODE   | Mxx    | Myy    | Mxy    | Mmax   | Mmin   | ANGLE  |
|      |          |      |          | Cent   | 8.4    | 77.2   | 29.8   | 88.3   | -2.8   | 69.53  |
|      |          |      |          | 571    | 10.8   | 53.8   | 19.4   | 61.2   | 3.3    | 68.98  |
|      |          |      |          | 729    | 27.2   | 135.9  | 14.4   | 137.8  | 25.3   | 82.59  |
|      |          |      |          | 745    | 10.8   | 72.0   | 38.5   | 90.5   | -7.8   | 64.24  |
|      |          |      |          | 699    | -15.2  | 47.2   | 43.5   | 69.5   | -37.5  | 62.82  |
|      |          |      |          | NODE   | Vxx    | Vyy    |        |        |        |        |
| Cent | -58.8    | 49.4 |          |        |        |        |        |        |        |        |
| 571  | -52.1    | 14.9 |          |        |        |        |        |        |        |        |
| 729  | -52.1    | 83.8 |          |        |        |        |        |        |        |        |
| 745  | -65.5    | 83.8 |          |        |        |        |        |        |        |        |
| 699  | -65.5    | 14.9 |          |        |        |        |        |        |        |        |
|      | LC       | NODE | Fxx      | Fyy    | Fxy    | Fmax   | Fmin   | ANGLE  |        |        |
|      | VER.TR-1 | Cent | -61.8    | -246.5 | -47.6  | -50.2  | -258.1 | -13.63 |        |        |
|      |          | 571  | -62.0    | -254.7 | -24.5  | -58.9  | -257.8 | -7.13  |        |        |
|      |          | 729  | -62.0    | -244.9 | -46.1  | -51.0  | -255.8 | -13.39 |        |        |
|      |          | 745  | -50.9    | -244.9 | -70.7  | -27.8  | -267.9 | -18.05 |        |        |
|      |          | 699  | -50.9    | -254.7 | -49.1  | -39.7  | -265.9 | -12.85 |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

| MOMENTI  |       |       |          |       |       |        |       |       |        |        |
|----------|-------|-------|----------|-------|-------|--------|-------|-------|--------|--------|
| NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |        |
| Cent     | -3.7  | -9.4  | 1.1      | -3.5  | -9.6  | 10.80  |       |       |        |        |
| 571      | -1.4  | -7.1  | 1.2      | -1.2  | -7.4  | 11.61  |       |       |        |        |
| 729      | -1.0  | -4.9  | -0.1     | -1.0  | -4.9  | -0.89  |       |       |        |        |
| 745      | -2.1  | -10.3 | 1.3      | -1.9  | -10.5 | 8.79   |       |       |        |        |
| 699      | -10.3 | -15.4 | 2.6      | -9.2  | -16.5 | 22.87  |       |       |        |        |
| REAZIONI |       |       |          |       |       |        |       |       |        |        |
| NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |        |
| Cent     | -7.8  | 10.0  |          |       |       |        |       |       |        |        |
| 571      | -2.3  | 11.7  |          |       |       |        |       |       |        |        |
| 729      | -2.3  | 8.3   |          |       |       |        |       |       |        |        |
| 745      | -13.3 | 8.3   |          |       |       |        |       |       |        |        |
| 699      | -13.3 | 11.7  |          |       |       |        |       |       |        |        |
| ELEM     | MAT   | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 811      | 1     | 1     | VERIFI-1 | Cent  | -71.2 | -306.6 | -67.4 | -53.3 | -324.5 | -14.90 |
|          |       |       |          | 570   | -63.9 | -303.9 | -63.2 | -48.3 | -319.6 | -13.88 |
|          |       |       |          | 683   | -63.9 | -311.4 | -74.8 | -43.1 | -332.2 | -15.58 |
|          |       |       |          | 704   | -76.6 | -311.4 | -71.5 | -56.5 | -331.5 | -15.68 |
|          |       |       |          | 703   | -76.6 | -303.9 | -59.9 | -61.8 | -318.7 | -13.89 |
| NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |        |
| Cent     | 72.5  | 360.7 | 0.3      | 360.7 | 72.5  | 89.94  |       |       |        |        |
| 570      | 85.1  | 425.4 | 0.0      | 425.4 | 85.1  | 90.00  |       |       |        |        |
| 683      | 85.3  | 426.4 | 0.3      | 426.4 | 85.3  | 89.94  |       |       |        |        |
| 704      | 59.8  | 295.7 | 0.6      | 295.7 | 59.8  | 89.85  |       |       |        |        |
| 703      | 59.9  | 295.3 | 0.3      | 295.3 | 59.9  | 89.93  |       |       |        |        |
| NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |        |
| Cent     | -0.4  | 156.2 |          |       |       |        |       |       |        |        |
| 570      | -0.6  | 155.8 |          |       |       |        |       |       |        |        |
| 683      | -0.6  | 156.6 |          |       |       |        |       |       |        |        |
| 704      | -0.2  | 156.6 |          |       |       |        |       |       |        |        |
| 703      | -0.2  | 155.8 |          |       |       |        |       |       |        |        |
| LC       | NODE  | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |        |
| VER.TR-1 | Cent  | -70.6 | -305.2   | 1.1   | -70.6 | -305.2 | 0.27  |       |        |        |
|          | 570   | -63.7 | -303.3   | 5.1   | -63.6 | -303.4 | 1.22  |       |        |        |
|          | 683   | -63.7 | -309.3   | -6.2  | -63.5 | -309.5 | -1.45 |       |        |        |
|          | 704   | -75.5 | -309.3   | -2.9  | -75.4 | -309.4 | -0.72 |       |        |        |
|          | 703   | -75.5 | -303.3   | 8.4   | -75.2 | -303.6 | 2.11  |       |        |        |
| NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |        |
| Cent     | -0.1  | -0.4  | -0.0     | -0.1  | -0.4  | -4.53  |       |       |        |        |
| 570      | -0.1  | -0.3  | -0.0     | -0.1  | -0.3  | -1.75  |       |       |        |        |
| 683      | -0.1  | -0.4  | -0.0     | -0.1  | -0.4  | -2.88  |       |       |        |        |
| 704      | -0.1  | -0.4  | -0.0     | -0.1  | -0.4  | -6.71  |       |       |        |        |
| 703      | -0.1  | -0.4  | -0.0     | -0.1  | -0.4  | -6.33  |       |       |        |        |
| NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |        |
| Cent     | 0.0   | 0.1   |          |       |       |        |       |       |        |        |
| 570      | 0.0   | 0.1   |          |       |       |        |       |       |        |        |
| 683      | 0.0   | 0.1   |          |       |       |        |       |       |        |        |
| 704      | 0.0   | 0.1   |          |       |       |        |       |       |        |        |
| 703      | 0.0   | 0.1   |          |       |       |        |       |       |        |        |
| ELEM     | MAT   | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 812      | 1     | 2     | VERIFI-1 | Cent  | 34.0  | 100.5  | 64.3  | 139.7 | -5.1   | 58.67  |
|          |       |       |          | 574   | 36.3  | 205.3  | 60.0  | 224.5 | 17.2   | 72.30  |
|          |       |       |          | 633   | 36.3  | 3.3    | 85.3  | 106.7 | -67.1  | 39.53  |
|          |       |       |          | 708   | 17.8  | 3.3    | 68.6  | 79.5  | -58.4  | 41.98  |
|          |       |       |          | 707   | 17.8  | 205.3  | 43.3  | 214.8 | 8.3    | 77.61  |
| NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |        |
| Cent     | 2.0   | 12.7  | -1.5     | 12.9  | 1.8   | -82.28 |       |       |        |        |
| 574      | 3.8   | 19.1  | -0.6     | 19.1  | 3.8   | -87.84 |       |       |        |        |
| 633      | 3.1   | 15.7  | -1.0     | 15.8  | 3.1   | -85.69 |       |       |        |        |
| 708      | 1.8   | 7.3   | -2.2     | 8.1   | 1.0   | -70.46 |       |       |        |        |
| 707      | -0.8  | 8.5   | -1.9     | 8.9   | -1.2  | -79.20 |       |       |        |        |
| NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |        |
| Cent     | 0.1   | 12.0  |          |       |       |        |       |       |        |        |
| 574      | 2.5   | 13.3  |          |       |       |        |       |       |        |        |
| 633      | 2.5   | 10.7  |          |       |       |        |       |       |        |        |
| 708      | -2.3  | 10.7  |          |       |       |        |       |       |        |        |
| 707      | -2.3  | 13.3  |          |       |       |        |       |       |        |        |
| LC       | NODE  | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |        |
| VER.TR-1 | Cent  | -35.2 | -288.9   | -27.0 | -32.3 | -291.8 | -6.01 |       |        |        |
|          | 574   | -59.3 | -315.7   | -25.0 | -56.9 | -318.1 | -5.52 |       |        |        |
|          | 633   | -59.3 | -262.9   | -11.1 | -58.7 | -263.5 | -3.10 |       |        |        |
|          | 708   | -9.8  | -262.9   | -29.0 | -6.5  | -266.2 | -6.46 |       |        |        |
|          | 707   | -9.8  | -315.7   | -43.0 | -3.9  | -321.6 | -7.85 |       |        |        |

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|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -0.8   | -5.9  | -1.1   | -0.6  | -6.1  | -11.38 |       |
|      |     |     |          |      |       |        |       | 574      | -0.9   | -4.3  | -0.8   | -0.7  | -4.5  | -12.66 |       |
|      |     |     |          |      |       |        |       | 633      | -1.6   | -7.8  | -0.5   | -1.5  | -7.8  | -4.94  |       |
|      |     |     |          |      |       |        |       | 708      | -0.9   | -5.4  | -1.2   | -0.6  | -5.7  | -13.77 |       |
|      |     |     |          |      |       |        |       | 707      | 0.1    | -6.0  | -1.4   | 0.5   | -6.3  | -12.53 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 2.0    | -0.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 574      | 1.8    | 1.7   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 633      | 1.8    | -3.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 708      | 2.2    | -3.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 707      | 2.2    | 1.7   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 860  | 1   | 2   | VERIFI-1 | Cent | 4.7   | -31.0  | 95.9  | 84.4     | -110.7 | 39.73 |        |       |       |        |       |
|      |     |     |          | 633  | -4.0  | 7.6    | 85.3  | 87.3     | -83.7  | 46.94 |        |       |       |        |       |
|      |     |     |          | 634  | -4.0  | -68.5  | 94.9  | 64.0     | -136.5 | 35.62 |        |       |       |        |       |
|      |     |     |          | 719  | 11.6  | -68.5  | 106.5 | 85.3     | -142.2 | 34.70 |        |       |       |        |       |
|      |     |     |          | 708  | 11.6  | 7.6    | 96.9  | 106.5    | -87.3  | 44.41 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 2.1    | 10.1  | -1.6   | 10.4  | 1.8   | -79.09 |       |
|      |     |     |          |      |       |        |       | 633      | 3.1    | 15.7  | -0.9   | 15.8  | 3.1   | -85.94 |       |
|      |     |     |          |      |       |        |       | 634      | 2.3    | 11.7  | -0.9   | 11.8  | 2.3   | -84.83 |       |
|      |     |     |          |      |       |        |       | 719      | 1.1    | 5.6   | -2.2   | 6.5   | 0.2   | -67.73 |       |
|      |     |     |          |      |       |        |       | 708      | 1.7    | 7.3   | -2.3   | 8.1   | 0.9   | -70.42 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 2.7    | 8.7   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 633      | 2.8    | 10.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 634      | 2.8    | 7.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 719      | 2.5    | 7.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 708      | 2.5    | 10.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -43.0 | -247.9 | -20.8 | -40.9 | -250.0 | -5.75 |
|      |     |     |          |      |       |        |       |          | 633    | -52.6 | -263.3 | -11.1 | -52.0 | -263.9 | -3.00 |
|      |     |     |          |      |       |        |       |          | 634    | -52.6 | -233.9 | -9.5  | -52.1 | -234.4 | -2.99 |
|      |     |     |          |      |       |        |       |          | 719    | -30.8 | -233.9 | -30.6 | -26.3 | -238.4 | -8.39 |
|      |     |     |          |      |       |        |       |          | 708    | -30.8 | -263.3 | -32.2 | -26.4 | -267.7 | -7.74 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -1.5   | -7.2  | -0.8   | -1.4  | -7.4  | -7.68  |       |
|      |     |     |          |      |       |        |       | 633      | -1.6   | -7.8  | -0.4   | -1.5  | -7.8  | -4.05  |       |
|      |     |     |          |      |       |        |       | 634      | -2.0   | -9.9  | -0.5   | -1.9  | -9.9  | -3.29  |       |
|      |     |     |          |      |       |        |       | 719      | -1.5   | -6.0  | -1.1   | -1.3  | -6.3  | -13.06 |       |
|      |     |     |          |      |       |        |       | 708      | -0.8   | -5.4  | -1.1   | -0.6  | -5.6  | -12.76 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 1.6    | -3.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 633      | 1.4    | -2.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 634      | 1.4    | -4.6  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 719      | 1.8    | -4.6  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 708      | 1.8    | -2.9  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 861  | 1   | 2   | VERIFI-1 | Cent | -18.6 | -91.7  | 107.6 | 58.4     | -168.8 | 35.62 |        |       |       |        |       |
|      |     |     |          | 634  | -19.3 | -70.9  | 94.9  | 53.3     | -143.5 | 37.40 |        |       |       |        |       |
|      |     |     |          | 635  | -19.3 | -113.0 | 93.8  | 38.7     | -171.0 | 31.73 |        |       |       |        |       |
|      |     |     |          | 721  | -17.1 | -113.0 | 120.2 | 64.3     | -194.5 | 34.13 |        |       |       |        |       |
|      |     |     |          | 719  | -17.1 | -70.9  | 121.3 | 80.3     | -168.3 | 38.75 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 1.2    | 7.1   | -1.7   | 7.5   | 0.8   | -75.34 |       |
|      |     |     |          |      |       |        |       | 634      | 2.3    | 11.7  | -0.8   | 11.8  | 2.3   | -85.13 |       |
|      |     |     |          |      |       |        |       | 635      | 1.6    | 7.9   | -0.9   | 8.1   | 1.4   | -81.68 |       |
|      |     |     |          |      |       |        |       | 721      | -0.2   | 3.1   | -2.5   | 4.4   | -1.5  | -61.81 |       |
|      |     |     |          |      |       |        |       | 719      | 1.1    | 5.6   | -2.3   | 6.6   | 0.1   | -67.14 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 3.3    | 6.8   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 634      | 2.9    | 7.6   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 635      | 2.9    | 6.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 721      | 3.7    | 6.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 719      | 3.7    | 7.6   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -47.9 | -222.1 | -18.2 | -46.1 | -224.0 | -5.90 |
|      |     |     |          |      |       |        |       |          | 634    | -46.5 | -235.6 | -9.5  | -46.0 | -236.1 | -2.87 |
|      |     |     |          |      |       |        |       |          | 635    | -46.5 | -209.6 | -13.9 | -45.3 | -210.8 | -4.85 |
|      |     |     |          |      |       |        |       |          | 721    | -47.6 | -209.6 | -26.9 | -43.3 | -213.9 | -9.18 |
|      |     |     |          |      |       |        |       |          | 719    | -47.6 | -235.6 | -22.4 | -45.0 | -238.2 | -6.72 |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 634   |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| 719   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 634   |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| 719   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 862   | 1   | 2   | VERIFI-1 | Cent | -37.6 | -134.7 | 106.3 | 30.7  | -203.0 | 32.72 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -45.0 | -201.4 | -22.0 | -42.0 | -204.4 | -7.85 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 635   |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| 721   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 863   | 1   | 2   | VERIFI-1 | Cent | -59.8 | -183.2 | 96.3  | -7.1  | -235.9 | 28.66 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 637   |     |     |          |      |       |        |       |       |        |       |
| 725   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 637   |     |     |          |      |       |        |       |       |        |       |
| 725   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 637   |     |     |          |      |       |        |       |       |        |       |
| 725   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -38.8 | -186.9 | -24.7 | -34.8 | -191.0 | -9.24 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 636   |     |     |          |      |       |        |       |       |        |       |
| 637   |     |     |          |      |       |        |       |       |        |       |
| 725   |     |     |          |      |       |        |       |       |        |       |
| 723   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|----------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 636      |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| 723      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 636      |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| 723      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 864      | 1   | 2   | VERIFI-1 | Cent | -94.6 | -250.7 | 77.0  | -63.0 | -282.3 | 22.30  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 572      |     |     |          |      |       |        |       |       |        |        |
| 727      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 572      |     |     |          |      |       |        |       |       |        |        |
| 727      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 572      |     |     |          |      |       |        |       |       |        |        |
| 727      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| VER.TR-1 |     |     |          | Cent | -28.8 | -169.7 | -22.7 | -25.3 | -173.2 | -8.92  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 572      |     |     |          |      |       |        |       |       |        |        |
| 727      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 572      |     |     |          |      |       |        |       |       |        |        |
| 727      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 637      |     |     |          |      |       |        |       |       |        |        |
| 572      |     |     |          |      |       |        |       |       |        |        |
| 727      |     |     |          |      |       |        |       |       |        |        |
| 725      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 905      | 1   | 1   | VERIFI-1 | Cent | -67.9 | -320.1 | -73.2 | -48.2 | -339.8 | -15.07 |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 683      |     |     |          |      |       |        |       |       |        |        |
| 857      |     |     |          |      |       |        |       |       |        |        |
| 873      |     |     |          |      |       |        |       |       |        |        |
| 704      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 683      |     |     |          |      |       |        |       |       |        |        |
| 857      |     |     |          |      |       |        |       |       |        |        |
| 873      |     |     |          |      |       |        |       |       |        |        |
| 704      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 683      |     |     |          |      |       |        |       |       |        |        |
| 857      |     |     |          |      |       |        |       |       |        |        |
| 873      |     |     |          |      |       |        |       |       |        |        |
| 704      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| VER.TR-1 |     |     |          | Cent | -66.9 | -317.5 | -4.4  | -66.8 | -317.6 | -1.01  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 683      |     |     |          |      |       |        |       |       |        |        |
| 857      |     |     |          |      |       |        |       |       |        |        |
| 873      |     |     |          |      |       |        |       |       |        |        |
| 704      |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 683   |     |     |          |      |       |        |       |       |        |        |
| 857   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| 704   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 683   |     |     |          |      |       |        |       |       |        |        |
| 857   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| 704   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 912   | 1   | 1   | VERIFI-1 | Cent | -71.3 | -305.7 | -59.2 | -57.2 | -319.8 | -13.40 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 570   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 570   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 570   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -70.9 | -305.8 | 8.9   | -70.6 | -306.2 | 2.18   |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 570   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 570   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 570   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 921   | 1   | 1   | VERIFI-1 | Cent | -2.0  | -350.1 | -34.7 | 1.4   | -353.5 | -5.63  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 699   |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| 701   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 699   |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| 701   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 699   |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| 701   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -13.1 | -190.9 | -44.2 | -2.7  | -201.3 | -13.22 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 699   |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| 701   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | Cent | -11.7 | -334.8 | -8.6  | -11.5 | -335.0 | -1.52  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| 701   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 699   |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| 701   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 699   |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| 701   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |



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|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|--------|
|      |     |     |          | Cent     | -6.1  | -10.1  | 4.0    | -3.7  | -12.6  | 31.75  |        |
|      |     |     |          | 699      | -10.5 | -16.2  | 3.7    | -8.6  | -18.1  | 26.26  |        |
|      |     |     |          | 745      | -2.0  | -9.9   | 3.4    | -0.7  | -11.1  | 20.35  |        |
|      |     |     |          | 841      | -4.4  | -8.3   | 3.8    | -2.1  | -10.6  | 31.28  |        |
|      |     |     |          | 701      | -7.7  | -6.0   | 4.1    | -2.6  | -11.1  | 50.82  |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | -8.8  | -6.6   |        |       |        |        |        |
|      |     |     |          | 699      | -12.5 | -11.8  |        |       |        |        |        |
|      |     |     |          | 745      | -12.5 | -1.4   |        |       |        |        |        |
|      |     |     |          | 841      | -5.2  | -1.4   |        |       |        |        |        |
|      |     |     |          | 701      | -5.2  | -11.8  |        |       |        |        |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |
| 922  | 1   | 1   | VERIFI-1 | Cent     | 6.6   | -246.4 | -9.6   | 7.0   | -246.8 | -2.18  |        |
|      |     |     |          | 701      | 13.1  | -208.9 | 14.7   | 14.1  | -209.9 | 3.79   |        |
|      |     |     |          | 841      | 13.1  | -281.6 | -39.1  | 18.2  | -286.7 | -7.44  |        |
|      |     |     |          | 761      | -3.6  | -281.6 | -34.0  | 0.5   | -285.7 | -6.88  |        |
|      |     |     |          | 576      | -3.6  | -208.9 | 19.9   | -1.7  | -210.8 | 5.48   |        |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|      |     |     |          | Cent     | 10.0  | 31.0   | 74.0   | 95.2  | -54.2  | 49.04  |        |
|      |     |     |          | 701      | 3.4   | 29.5   | 68.0   | 85.7  | -52.8  | 50.43  |        |
|      |     |     |          | 841      | 3.2   | 42.9   | 73.5   | 99.2  | -53.2  | 52.55  |        |
|      |     |     |          | 761      | 8.9   | 29.3   | 79.3   | 99.1  | -60.9  | 48.67  |        |
|      |     |     |          | 576      | 24.5  | 22.2   | 73.8   | 97.2  | -50.5  | 44.56  |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | 4.2   | 4.7    |        |       |        |        |        |
|      |     |     |          | 701      | -6.6  | 1.0    |        |       |        |        |        |
|      |     |     |          | 841      | -6.6  | 8.5    |        |       |        |        |        |
|      |     |     |          | 761      | 15.1  | 8.5    |        |       |        |        |        |
|      |     |     |          | 576      | 15.1  | 1.0    |        |       |        |        |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |
|      |     |     |          | VER.TR-1 | Cent  | -3.8   | -143.5 | -43.9 | 8.8    | -156.2 | -16.07 |
|      |     |     |          |          | 701   | -3.3   | -99.3  | -28.4 | 4.5    | -107.1 | -15.31 |
|      |     |     |          |          | 841   | -3.3   | -186.5 | -52.7 | 10.8   | -200.6 | -14.96 |
|      |     |     |          |          | 761   | -6.5   | -186.5 | -59.4 | 11.3   | -204.3 | -16.70 |
|      |     |     |          |          | 576   | -6.5   | -99.3  | -35.1 | 5.3    | -111.1 | -18.54 |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|      |     |     |          | Cent     | -5.6  | -6.0   | 4.0    | -1.8  | -9.8   | 43.28  |        |
|      |     |     |          | 701      | -8.6  | -10.5  | 3.8    | -5.6  | -13.5  | 37.92  |        |
|      |     |     |          | 841      | -4.1  | -7.2   | 4.0    | -1.4  | -9.9   | 34.70  |        |
|      |     |     |          | 761      | -4.1  | -4.6   | 3.9    | -0.5  | -8.3   | 43.07  |        |
|      |     |     |          | 576      | -5.3  | -1.8   | 3.7    | 0.5   | -7.7   | 57.88  |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | -3.8  | -7.0   |        |       |        |        |        |
|      |     |     |          | 701      | -6.1  | -10.8  |        |       |        |        |        |
|      |     |     |          | 841      | -6.1  | -3.3   |        |       |        |        |        |
|      |     |     |          | 761      | -1.5  | -3.3   |        |       |        |        |        |
|      |     |     |          | 576      | -1.5  | -10.8  |        |       |        |        |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |
| 923  | 1   | 1   | VERIFI-1 | Cent     | -72.6 | -268.9 | -57.3  | -57.1 | -284.4 | -15.14 |        |
|      |     |     |          | 703      | -68.3 | -263.8 | -47.2  | -57.5 | -274.6 | -12.89 |        |
|      |     |     |          | 704      | -68.3 | -275.7 | -67.2  | -48.4 | -295.5 | -16.47 |        |
|      |     |     |          | 706      | -75.5 | -275.7 | -67.5  | -54.9 | -296.3 | -16.99 |        |
|      |     |     |          | 705      | -75.5 | -263.8 | -47.5  | -64.2 | -275.0 | -13.38 |        |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|      |     |     |          | Cent     | 50.1  | 242.6  | 0.7    | 242.6 | 50.1   | 89.78  |        |
|      |     |     |          | 703      | 59.9  | 295.3  | 0.3    | 295.3 | 59.9   | 89.94  |        |
|      |     |     |          | 704      | 59.8  | 295.6  | 1.0    | 295.6 | 59.8   | 89.76  |        |
|      |     |     |          | 706      | 40.0  | 190.0  | 1.2    | 190.0 | 40.0   | 89.55  |        |
|      |     |     |          | 705      | 40.8  | 189.6  | 0.4    | 189.7 | 40.8   | 89.83  |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | 0.4   | 125.9  |        |       |        |        |        |
|      |     |     |          | 703      | -0.0  | 125.9  |        |       |        |        |        |
|      |     |     |          | 704      | -0.0  | 126.0  |        |       |        |        |        |
|      |     |     |          | 706      | 0.7   | 126.0  |        |       |        |        |        |
|      |     |     |          | 705      | 0.7   | 125.9  |        |       |        |        |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |
|      |     |     |          | VER.TR-1 | Cent  | -71.2  | -267.8 | -1.8  | -71.2  | -267.9 | -0.53  |
|      |     |     |          |          | 703   | -67.3  | -263.3 | 8.4   | -66.9  | -263.7 | 2.44   |
|      |     |     |          |          | 704   | -67.3  | -273.9 | -11.4 | -66.6  | -274.5 | -3.15  |
|      |     |     |          |          | 706   | -73.7  | -273.9 | -12.0 | -73.0  | -274.6 | -3.41  |
|      |     |     |          |          | 705   | -73.7  | -263.3 | 7.8   | -73.4  | -263.7 | 2.35   |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 704   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 704   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 924   | 1   | 1   | VERIFI-1 | Cent | -69.6 | -224.2 | -51.8 | -53.9 | -239.9 | -16.93 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| 577   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| 577   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| 577   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | Cent | -67.5 | -223.1 | -8.2  | -67.0 | -223.5 | -3.00  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| 577   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| 577   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| 577   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 925   | 1   | 2   | VERIFI-1 | Cent | -0.9  | 11.4   | 50.3  | 55.9  | -45.5  | 48.48  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 707   |     |     |          |      |       |        |       |       |        |        |
| 708   |     |     |          |      |       |        |       |       |        |        |
| 710   |     |     |          |      |       |        |       |       |        |        |
| 709   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 707   |     |     |          |      |       |        |       |       |        |        |
| 708   |     |     |          |      |       |        |       |       |        |        |
| 710   |     |     |          |      |       |        |       |       |        |        |
| 709   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 707   |     |     |          |      |       |        |       |       |        |        |
| 708   |     |     |          |      |       |        |       |       |        |        |
| 710   |     |     |          |      |       |        |       |       |        |        |
| 709   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | Cent | -2.2  | -250.7 | 3.5   | -2.1  | -250.7 | 0.82   |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 707   |     |     |          |      |       |        |       |       |        |        |
| 708   |     |     |          |      |       |        |       |       |        |        |
| 710   |     |     |          |      |       |        |       |       |        |        |
| 709   |     |     |          |      |       |        |       |       |        |        |

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|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|-------|
|      |     |     |          | Cent     | -0.3  | -4.3   | -1.0   | -0.1  | -4.6   | -13.86 |       |
|      |     |     |          | 707      | 0.2   | -5.7   | -1.1   | 0.4   | -5.9   | -9.79  |       |
|      |     |     |          | 708      | -0.9  | -5.4   | -1.2   | -0.6  | -5.8   | -14.23 |       |
|      |     |     |          | 710      | -0.7  | -2.9   | -1.0   | -0.3  | -3.3   | -21.28 |       |
|      |     |     |          | 709      | -0.0  | -3.1   | -0.8   | 0.2   | -3.3   | -14.09 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 1.0   | -2.8   |        |       |        |        |       |
|      |     |     |          | 707      | 1.3   | -2.8   |        |       |        |        |       |
|      |     |     |          | 708      | 1.3   | -2.8   |        |       |        |        |       |
|      |     |     |          | 710      | 0.6   | -2.8   |        |       |        |        |       |
|      |     |     |          | 709      | 0.6   | -2.8   |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| 926  | 1   | 2   | VERIFI-1 | Cent     | -65.8 | -93.8  | 87.9   | 9.2   | -168.8 | 40.48  |       |
|      |     |     |          | 709      | -21.6 | -164.1 | 73.3   | 9.4   | -195.0 | 22.91  |       |
|      |     |     |          | 710      | -21.6 | -31.9  | 72.3   | 45.7  | -99.2  | 42.97  |       |
|      |     |     |          | 638      | -94.5 | -31.9  | 102.5  | 44.0  | -170.4 | 53.50  |       |
|      |     |     |          | 579      | -94.5 | -164.1 | 103.5  | -20.1 | -238.5 | 35.72  |       |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | 0.4   | 0.6    | -4.0   | 4.5   | -3.5   | -45.55 |       |
|      |     |     |          | 709      | -0.2  | 3.1    | -4.3   | 6.1   | -3.2   | -55.48 |       |
|      |     |     |          | 710      | 0.5   | 1.9    | -3.9   | 5.1   | -2.7   | -50.35 |       |
|      |     |     |          | 638      | -0.3  | -0.3   | -3.6   | 3.3   | -3.8   | -45.10 |       |
|      |     |     |          | 579      | 1.8   | -2.4   | -4.0   | 4.2   | -4.8   | -31.23 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 0.7   | 4.0    |        |       |        |        |       |
|      |     |     |          | 709      | -1.3  | 5.9    |        |       |        |        |       |
|      |     |     |          | 710      | -1.3  | 2.0    |        |       |        |        |       |
|      |     |     |          | 638      | 2.7   | 2.0    |        |       |        |        |       |
|      |     |     |          | 579      | 2.7   | 5.9    |        |       |        |        |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          | VER.TR-1 | Cent  | -71.9  | -257.5 | 52.7  | -57.9  | -271.4 | 14.80 |
|      |     |     |          |          | 709   | -18.7  | -345.2 | 84.5  | 1.9    | -365.8 | 13.69 |
|      |     |     |          |          | 710   | -18.7  | -178.4 | 4.9   | -18.6  | -178.5 | 1.76  |
|      |     |     |          |          | 638   | -109.0 | -178.4 | 20.9  | -103.2 | -184.2 | 15.53 |
|      |     |     |          |          | 579   | -109.0 | -345.2 | 100.5 | -72.0  | -382.2 | 20.20 |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | -0.3  | -1.8   | -0.6   | -0.1  | -2.0   | -18.32 |       |
|      |     |     |          | 709      | -0.0  | -3.2   | -0.6   | 0.1   | -3.3   | -10.87 |       |
|      |     |     |          | 710      | -0.7  | -2.8   | -0.8   | -0.4  | -3.1   | -17.66 |       |
|      |     |     |          | 638      | -0.6  | -0.4   | -0.5   | -0.0  | -1.0   | -51.29 |       |
|      |     |     |          | 579      | -0.0  | -0.9   | -0.3   | 0.1   | -1.0   | -18.22 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 0.6   | -2.6   |        |       |        |        |       |
|      |     |     |          | 709      | 0.6   | -2.5   |        |       |        |        |       |
|      |     |     |          | 710      | 0.6   | -2.7   |        |       |        |        |       |
|      |     |     |          | 638      | 0.6   | -2.7   |        |       |        |        |       |
|      |     |     |          | 579      | 0.6   | -2.5   |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| 937  | 1   | 2   | VERIFI-1 | Cent     | -12.5 | -38.6  | 120.5  | 95.6  | -146.7 | 41.90  |       |
|      |     |     |          | 708      | 6.6   | -21.5  | 116.8  | 110.3 | -125.1 | 41.57  |       |
|      |     |     |          | 719      | 6.6   | -56.4  | 110.4  | 89.9  | -139.7 | 37.04  |       |
|      |     |     |          | 720      | -30.5 | -56.4  | 124.1  | 81.3  | -168.2 | 42.02  |       |
|      |     |     |          | 710      | -30.5 | -21.5  | 130.5  | 104.6 | -156.6 | 45.99  |       |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | 0.7   | 4.1    | -3.3   | 6.1   | -1.4   | -58.51 |       |
|      |     |     |          | 708      | 1.7   | 7.3    | -3.0   | 8.6   | 0.4    | -66.43 |       |
|      |     |     |          | 719      | 1.1   | 5.6    | -3.2   | 7.2   | -0.5   | -62.81 |       |
|      |     |     |          | 720      | -0.5  | 1.4    | -3.7   | 4.2   | -3.4   | -52.34 |       |
|      |     |     |          | 710      | 0.5   | 2.1    | -3.5   | 4.9   | -2.3   | -51.61 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 1.8   | 5.9    |        |       |        |        |       |
|      |     |     |          | 708      | 1.5   | 6.4    |        |       |        |        |       |
|      |     |     |          | 719      | 1.5   | 5.3    |        |       |        |        |       |
|      |     |     |          | 720      | 2.1   | 5.3    |        |       |        |        |       |
|      |     |     |          | 710      | 2.1   | 6.4    |        |       |        |        |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          | VER.TR-1 | Cent  | -38.9  | -229.4 | 1.9   | -38.9  | -229.4 | 0.59  |
|      |     |     |          |          | 708   | -26.0  | -257.8 | 11.6  | -25.4  | -258.4 | 2.86  |
|      |     |     |          |          | 719   | -26.0  | -201.8 | -12.2 | -25.2  | -202.6 | -3.95 |
|      |     |     |          |          | 720   | -50.1  | -201.8 | -7.7  | -49.7  | -202.2 | -2.91 |
|      |     |     |          |          | 710   | -50.1  | -257.8 | 16.1  | -48.8  | -259.1 | 4.40  |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | -1.1  | -4.2   | -1.4  | -0.6  | -4.7   | -20.61 |
|       |     |     |          | 708  | -0.8  | -5.4   | -1.3  | -0.5  | -5.8   | -14.64 |
|       |     |     |          | 719  | -1.5  | -6.1   | -1.4  | -1.1  | -6.5   | -16.06 |
|       |     |     |          | 720  | -1.2  | -2.2   | -1.4  | -0.3  | -3.2   | -34.98 |
|       |     |     |          | 710  | -0.7  | -2.9   | -1.2  | -0.1  | -3.4   | -24.01 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | 0.8   | -3.7   |       |       |        |        |
|       |     |     |          | 708  | 1.0   | -2.9   |       |       |        |        |
|       |     |     |          | 719  | 1.0   | -4.5   |       |       |        |        |
|       |     |     |          | 720  | 0.7   | -4.5   |       |       |        |        |
|       |     |     |          | 710  | 0.7   | -2.9   |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 938   | 1   | 2   | VERIFI-1 | Cent | -41.0 | -43.8  | 113.5 | 71.2  | -155.9 | 44.65  |
|       |     |     |          | 710  | -31.6 | -39.0  | 118.2 | 83.0  | -153.6 | 44.11  |
|       |     |     |          | 720  | -31.6 | -49.2  | 113.5 | 73.4  | -154.2 | 42.79  |
|       |     |     |          | 639  | -49.2 | -49.2  | 108.9 | 59.7  | -158.0 | 45.01  |
|       |     |     |          | 638  | -49.2 | -39.0  | 113.6 | 69.6  | -157.8 | 46.29  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | -0.7  | 0.6    | -3.9  | 3.9   | -3.9   | -49.65 |
|       |     |     |          | 710  | 0.4   | 1.9    | -3.7  | 5.0   | -2.6   | -50.67 |
|       |     |     |          | 720  | -0.5  | 1.5    | -4.0  | 4.6   | -3.6   | -52.04 |
|       |     |     |          | 639  | -2.3  | -0.7   | -4.0  | 2.6   | -5.7   | -50.63 |
|       |     |     |          | 638  | -0.2  | -0.3   | -3.8  | 3.5   | -4.0   | -44.88 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | 2.4   | 3.0    |       |       |        |        |
|       |     |     |          | 710  | 1.5   | 3.0    |       |       |        |        |
|       |     |     |          | 720  | 1.5   | 3.0    |       |       |        |        |
|       |     |     |          | 639  | 3.2   | 3.0    |       |       |        |        |
|       |     |     |          | 638  | 3.2   | 3.0    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | Cent | -54.9 | -172.3 | 13.2  | -53.4 | -173.7 | 6.32   |
|       |     |     |          | 710  | -38.5 | -187.1 | 37.2  | -29.7 | -195.9 | 13.29  |
|       |     |     |          | 720  | -38.5 | -158.3 | 3.5   | -38.4 | -158.4 | 1.68   |
|       |     |     |          | 639  | -69.7 | -158.3 | -10.9 | -68.3 | -159.6 | -6.89  |
|       |     |     |          | 638  | -69.7 | -187.1 | 22.8  | -65.4 | -191.4 | 10.61  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | -0.8  | -1.3   | -0.8  | -0.2  | -1.9   | -36.78 |
|       |     |     |          | 710  | -0.7  | -2.8   | -0.9  | -0.3  | -3.2   | -20.61 |
|       |     |     |          | 720  | -1.2  | -2.3   | -1.0  | -0.6  | -2.9   | -31.19 |
|       |     |     |          | 639  | -0.8  | 0.3    | -0.7  | 0.7   | -1.1   | -64.85 |
|       |     |     |          | 638  | -0.6  | -0.4   | -0.6  | 0.1   | -1.1   | -49.90 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | 0.1   | -2.9   |       |       |        |        |
|       |     |     |          | 710  | 0.4   | -2.8   |       |       |        |        |
|       |     |     |          | 720  | 0.4   | -3.1   |       |       |        |        |
|       |     |     |          | 639  | -0.2  | -3.1   |       |       |        |        |
|       |     |     |          | 638  | -0.2  | -2.8   |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 939   | 1   | 2   | VERIFI-1 | Cent | -21.9 | -73.9  | 129.7 | 84.3  | -180.1 | 39.33  |
|       |     |     |          | 719  | -14.1 | -58.1  | 125.2 | 91.1  | -163.3 | 40.01  |
|       |     |     |          | 721  | -14.1 | -90.4  | 113.8 | 67.8  | -172.3 | 35.73  |
|       |     |     |          | 722  | -28.5 | -90.4  | 134.1 | 78.2  | -197.0 | 38.50  |
|       |     |     |          | 720  | -28.5 | -58.1  | 145.5 | 103.0 | -189.6 | 42.10  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | -0.6  | 2.6    | -3.9  | 5.3   | -3.2   | -55.86 |
|       |     |     |          | 719  | 1.1   | 5.6    | -3.3  | 7.4   | -0.7   | -62.14 |
|       |     |     |          | 721  | -0.2  | 3.0    | -3.8  | 5.5   | -2.7   | -56.48 |
|       |     |     |          | 722  | -2.6  | 0.3    | -4.5  | 3.6   | -5.9   | -53.94 |
|       |     |     |          | 720  | -0.6  | 1.4    | -4.1  | 4.6   | -3.8   | -51.66 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | Cent | 3.3   | 4.8    |       |       |        |        |
|       |     |     |          | 719  | 2.8   | 5.8    |       |       |        |        |
|       |     |     |          | 721  | 2.8   | 3.9    |       |       |        |        |
|       |     |     |          | 722  | 3.9   | 3.9    |       |       |        |        |
|       |     |     |          | 720  | 3.9   | 5.8    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | Cent | -47.3 | -191.6 | -14.1 | -45.9 | -193.0 | -5.52  |
|       |     |     |          | 719  | -40.0 | -204.5 | -4.0  | -39.9 | -204.6 | -1.39  |
|       |     |     |          | 721  | -40.0 | -179.0 | -18.0 | -37.7 | -181.3 | -7.27  |
|       |     |     |          | 722  | -54.1 | -179.0 | -24.2 | -49.6 | -183.5 | -10.58 |
|       |     |     |          | 720  | -54.1 | -204.5 | -10.1 | -53.4 | -205.2 | -3.84  |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 719   |     |     |          |      |       |        |       |       |        |        |
| 721   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 720   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 719   |     |     |          |      |       |        |       |       |        |        |
| 721   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 720   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 940   | 1   | 2   | VERIFI-1 | Cent | -22.9 | -58.7  | 125.9 | 86.4  | -168.0 | 40.95  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 720   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| 639   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 720   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| 639   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 720   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| 639   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -52.4 | -148.2 | -13.9 | -50.5 | -150.2 | -8.07  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 720  | -46.8 | -157.7 | 1.1   | -46.8 | -157.7 | 0.57   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 722  | -46.8 | -139.6 | -16.4 | -44.0 | -142.4 | -9.71  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 640  | -56.4 | -139.6 | -28.8 | -47.4 | -148.6 | -17.34 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 639  | -56.4 | -157.7 | -11.3 | -55.1 | -159.0 | -6.31  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 720   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| 639   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 720   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| 639   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 941   | 1   | 2   | VERIFI-1 | Cent | -33.8 | -109.0 | 128.3 | 62.3  | -205.2 | 36.83  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 721   |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 721   |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 721   |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -47.1 | -172.6 | -26.4 | -41.8 | -177.9 | -11.43 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 721  | -41.9 | -178.9 | -17.0 | -39.8 | -181.0 | -6.97  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 723  | -41.9 | -166.5 | -25.4 | -36.9 | -171.5 | -11.09 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 724  | -51.9 | -166.5 | -35.9 | -41.6 | -176.8 | -16.02 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 722  | -51.9 | -178.9 | -27.5 | -46.2 | -184.6 | -11.69 |
| ----- |     |     |          |      |       |        |       |       |        |        |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 721   |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 721   |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 942   | 1   | 2   | VERIFI-1 | Cent | -9.7  | -87.6  | 130.8 | 87.8  | -185.1 | 36.70  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -48.2 | -136.6 | -31.3 | -38.3 | -146.6 | -17.63 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 722  | -45.5 | -139.2 | -19.7 | -41.5 | -143.2 | -11.39 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 724  | -45.5 | -134.7 | -30.1 | -36.3 | -143.9 | -17.01 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 641  | -49.7 | -134.7 | -42.8 | -31.9 | -152.5 | -22.62 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 640  | -49.7 | -139.2 | -32.4 | -39.3 | -149.7 | -17.96 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 722   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| 640   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 943   | 1   | 2   | VERIFI-1 | Cent | -48.0 | -152.2 | 123.7 | 34.1  | -234.3 | 33.58  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -41.9 | -162.9 | -33.4 | -33.3 | -171.5 | -14.44 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 723  | -37.3 | -165.5 | -26.2 | -32.2 | -170.6 | -11.12 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 725  | -37.3 | -160.6 | -28.6 | -31.0 | -166.9 | -12.43 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 726  | -46.0 | -160.6 | -40.5 | -33.1 | -173.5 | -17.64 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 724  | -46.0 | -165.5 | -38.2 | -34.8 | -176.6 | -16.29 |
| ----- |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 723   |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 944   | 1   | 2   | VERIFI-1 | Cent | -1.9  | -125.2 | 129.4 | 79.8  | -206.9 | 32.27  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 642   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 642   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 642   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -43.0 | -137.0 | -40.9 | -27.7 | -152.3 | -20.52 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 724  | -41.6 | -133.7 | -32.4 | -31.3 | -144.0 | -17.57 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 726  | -41.6 | -140.9 | -36.2 | -29.8 | -152.7 | -18.02 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 642  | -43.3 | -140.9 | -49.4 | -22.6 | -161.6 | -22.68 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 641  | -43.3 | -133.7 | -45.7 | -24.2 | -152.8 | -22.65 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 642   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 724   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| 642   |     |     |          |      |       |        |       |       |        |        |
| 641   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 945   | 1   | 2   | VERIFI-1 | Cent | -61.0 | -218.6 | 115.0 | -0.4  | -279.3 | 27.79  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 728   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 728   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 725   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 728   |     |     |          |      |       |        |       |       |        |        |
| 726   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -36.2 | -158.1 | -30.7 | -28.9 | -165.4 | -13.36 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 725  | -33.4 | -159.1 | -31.0 | -26.2 | -166.3 | -13.15 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 727  | -33.4 | -157.7 | -20.0 | -30.3 | -160.9 | -8.92  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 728  | -37.9 | -157.7 | -30.4 | -30.7 | -165.0 | -13.45 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 726  | -37.9 | -159.1 | -41.4 | -25.1 | -171.9 | -17.18 |
| ----- |     |     |          |      |       |        |       |       |        |        |

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|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|--------|
|      |     |     |          | Cent     | 4.8   | 0.9    | 0.6    | 4.9   | 0.8    | 8.63   |        |
|      |     |     |          | 725      | -2.1  | 1.4    | 0.9    | 1.7   | -2.3   | 76.23  |        |
|      |     |     |          | 727      | 7.6   | -11.4  | 1.5    | 7.7   | -11.5  | 4.55   |        |
|      |     |     |          | 728      | 10.8  | 14.5   | 1.3    | 14.9  | 10.4   | 72.46  |        |
|      |     |     |          | 726      | 2.8   | -1.0   | 0.7    | 3.0   | -1.1   | 10.03  |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | -12.7 | -15.0  |        |       |        |        |        |
|      |     |     |          | 725      | -14.0 | 2.0    |        |       |        |        |        |
|      |     |     |          | 727      | -14.0 | -31.9  |        |       |        |        |        |
|      |     |     |          | 728      | -11.4 | -31.9  |        |       |        |        |        |
|      |     |     |          | 726      | -11.4 | 2.0    |        |       |        |        |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |
| 946  | 1   | 2   | VERIFI-1 | Cent     | 5.1   | -174.7 | 116.7  | 62.5  | -232.1 | 26.19  |        |
|      |     |     |          | 726      | -27.3 | -146.1 | 139.0  | 64.5  | -237.8 | 33.43  |        |
|      |     |     |          | 728      | -27.3 | -203.5 | 100.9  | 18.6  | -249.3 | 24.43  |        |
|      |     |     |          | 578      | 37.8  | -203.5 | 94.3   | 70.3  | -236.0 | 19.02  |        |
|      |     |     |          | 642      | 37.8  | -146.1 | 132.5  | 107.1 | -215.4 | 27.62  |        |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|      |     |     |          | Cent     | -9.5  | -2.5   | -13.2  | 7.6   | -19.6  | -52.36 |        |
|      |     |     |          | 726      | -7.0  | -1.9   | -11.4  | 7.3   | -16.2  | -51.26 |        |
|      |     |     |          | 728      | -4.1  | -5.3   | -14.2  | 9.6   | -18.9  | -43.85 |        |
|      |     |     |          | 578      | -13.8 | -0.7   | -14.8  | 8.9   | -23.4  | -56.93 |        |
|      |     |     |          | 642      | -13.0 | -2.3   | -12.0  | 5.4   | -20.8  | -56.99 |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | -0.9  | 1.6    |        |       |        |        |        |
|      |     |     |          | 726      | -3.6  | 4.6    |        |       |        |        |        |
|      |     |     |          | 728      | -3.6  | -1.4   |        |       |        |        |        |
|      |     |     |          | 578      | 1.8   | -1.4   |        |       |        |        |        |
|      |     |     |          | 642      | 1.8   | 4.6    |        |       |        |        |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |
|      |     |     |          | VER.TR-1 | Cent  | -35.5  | -148.7 | -39.8 | -22.9  | -161.3 | -17.55 |
|      |     |     |          | 726      | -36.4 | -139.4 | -37.0  | -24.4 | -151.3 | -17.86 |        |
|      |     |     |          | 728      | -36.4 | -158.7 | -28.5  | -30.0 | -165.0 | -12.50 |        |
|      |     |     |          | 578      | -33.5 | -158.7 | -42.5  | -20.4 | -171.8 | -17.09 |        |
|      |     |     |          | 642      | -33.5 | -139.4 | -51.0  | -12.9 | -159.9 | -21.97 |        |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|      |     |     |          | Cent     | 7.0   | 3.7    | 0.9    | 7.2   | 3.5    | 14.26  |        |
|      |     |     |          | 726      | 3.9   | 4.4    | 1.3    | 5.5   | 2.9    | 50.82  |        |
|      |     |     |          | 728      | 6.9   | -5.0   | 1.8    | 7.2   | -5.3   | 8.39   |        |
|      |     |     |          | 578      | 12.5  | 12.6   | 1.3    | 13.9  | 11.2   | 46.55  |        |
|      |     |     |          | 642      | 4.8   | 2.8    | 0.8    | 5.1   | 2.5    | 19.47  |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | -7.3  | -10.4  |        |       |        |        |        |
|      |     |     |          | 726      | -3.8  | 1.2    |        |       |        |        |        |
|      |     |     |          | 728      | -3.8  | -21.9  |        |       |        |        |        |
|      |     |     |          | 578      | -10.7 | -21.9  |        |       |        |        |        |
|      |     |     |          | 642      | -10.7 | 1.2    |        |       |        |        |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |
| 947  | 1   | 1   | VERIFI-1 | Cent     | -66.4 | -286.2 | -65.2  | -48.5 | -304.1 | -15.34 |        |
|      |     |     |          | 704      | -65.2 | -276.2 | -64.5  | -47.1 | -294.4 | -15.72 |        |
|      |     |     |          | 873      | -65.2 | -296.2 | -65.6  | -47.9 | -313.5 | -14.80 |        |
|      |     |     |          | 969      | -67.4 | -296.2 | -65.9  | -49.8 | -313.8 | -14.97 |        |
|      |     |     |          | 706      | -67.4 | -276.2 | -64.8  | -48.9 | -294.7 | -15.91 |        |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |        |
|      |     |     |          | Cent     | 49.4  | 243.1  | 1.8    | 243.1 | 49.4   | 89.47  |        |
|      |     |     |          | 704      | 59.7  | 295.6  | 1.4    | 295.6 | 59.7   | 89.65  |        |
|      |     |     |          | 873      | 59.5  | 296.4  | 1.7    | 296.4 | 59.4   | 89.59  |        |
|      |     |     |          | 969      | 38.4  | 190.4  | 2.1    | 190.5 | 38.4   | 89.21  |        |
|      |     |     |          | 706      | 40.0  | 189.9  | 1.8    | 190.0 | 40.0   | 89.31  |        |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |        |
|      |     |     |          | Cent     | 0.8   | 126.6  |        |       |        |        |        |
|      |     |     |          | 704      | -0.1  | 126.4  |        |       |        |        |        |
|      |     |     |          | 873      | -0.1  | 126.8  |        |       |        |        |        |
|      |     |     |          | 969      | 1.7   | 126.8  |        |       |        |        |        |
|      |     |     |          | 706      | 1.7   | 126.4  |        |       |        |        |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |
|      |     |     |          | VER.TR-1 | Cent  | -64.3  | -283.9 | -9.5  | -63.8  | -284.3 | -2.48  |
|      |     |     |          | 704      | -63.7 | -274.3 | -8.7   | -63.3 | -274.7 | -2.36  |        |
|      |     |     |          | 873      | -63.7 | -293.6 | -9.6   | -63.3 | -294.0 | -2.38  |        |
|      |     |     |          | 969      | -64.6 | -293.6 | -10.3  | -64.2 | -294.1 | -2.58  |        |
|      |     |     |          | 706      | -64.6 | -274.3 | -9.5   | -64.2 | -274.8 | -2.58  |        |



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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 704   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 704   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 948   | 1   | 1   | VERIFI-1 | Cent | -58.4 | -252.8 | -63.8 | -39.3 | -271.9 | -16.64 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 889   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 889   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 889   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -54.9 | -250.6 | -20.3 | -52.8 | -252.7 | -5.86  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 706  | -57.6 | -234.5 | -18.1 | -55.8 | -236.4 | -5.77  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 969  | -57.6 | -266.7 | -17.0 | -56.2 | -268.0 | -4.61  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 889  | -52.3 | -266.7 | -22.5 | -50.0 | -269.0 | -5.94  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 684  | -52.3 | -234.5 | -23.6 | -49.3 | -237.6 | -7.27  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 889   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 706   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 889   |     |     |          |      |       |        |       |       |        |        |
| 684   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 949   | 1   | 1   | VERIFI-1 | Cent | -72.8 | -267.8 | -44.5 | -63.1 | -277.5 | -12.27 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 703   |     |     |          |      |       |        |       |       |        |        |
| 705   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -71.9 | -268.3 | 10.8  | -71.4 | -268.8 | 3.13   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 700  | -67.8 | -274.6 | 21.1  | -65.7 | -276.7 | 5.78   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 703  | -67.8 | -263.5 | 1.2   | -67.8 | -263.5 | 0.35   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 705  | -74.6 | -263.5 | 0.4   | -74.6 | -263.5 | 0.11   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 702  | -74.6 | -274.6 | 20.3  | -72.6 | -276.6 | 5.74   |
| ----- |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |        | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|------|-----|-----|----------|------|-------|--------|--------|----------|--------|--------|--------|-------|-------|--------|--------|
|      |     |     |          |      |       |        |        | Cent     | -0.1   | -0.4   | -0.0   | -0.1  | -0.4  | -6.58  |        |
|      |     |     |          |      |       |        |        | 700      | -0.1   | -0.4   | -0.0   | -0.1  | -0.4  | -3.07  |        |
|      |     |     |          |      |       |        |        | 703      | -0.1   | -0.4   | -0.0   | -0.1  | -0.4  | -6.76  |        |
|      |     |     |          |      |       |        |        | 705      | -0.1   | -0.4   | -0.0   | -0.1  | -0.4  | -10.56 |        |
|      |     |     |          |      |       |        |        | 702      | -0.1   | -0.3   | -0.0   | -0.1  | -0.3  | -6.26  |        |
|      |     |     |          |      |       |        |        | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | Cent     | 0.0    | 0.0    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 700      | 0.0    | 0.0    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 703      | 0.0    | 0.0    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 705      | 0.0    | 0.0    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 702      | 0.0    | 0.0    |        |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy    | Fmax     | Fmin   | ANGLE  |        |       |       |        |        |
| 950  | 1   | 1   | VERIFI-1 | Cent | -69.6 | -222.6 | -28.1  | -64.5    | -227.6 | -10.09 |        |       |       |        |        |
|      |     |     |          | 702  | -67.2 | -233.1 | -14.8  | -65.8    | -234.5 | -5.06  |        |       |       |        |        |
|      |     |     |          | 705  | -67.2 | -214.0 | -43.7  | -55.2    | -226.0 | -15.37 |        |       |       |        |        |
|      |     |     |          | 577  | -70.1 | -214.0 | -41.4  | -59.0    | -225.1 | -14.96 |        |       |       |        |        |
|      |     |     |          | 690  | -70.1 | -233.1 | -12.6  | -69.1    | -234.1 | -4.39  |        |       |       |        |        |
|      |     |     |          |      |       |        |        | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|      |     |     |          |      |       |        |        | Cent     | 33.5   | 148.5  | -1.4   | 148.6 | 33.5  | -89.32 |        |
|      |     |     |          |      |       |        |        | 702      | 40.1   | 190.0  | -1.8   | 190.1 | 40.0  | -89.32 |        |
|      |     |     |          |      |       |        |        | 705      | 40.8   | 189.7  | -0.6   | 189.7 | 40.8  | -89.76 |        |
|      |     |     |          |      |       |        |        | 577      | 27.7   | 106.9  | -0.9   | 106.9 | 27.7  | -89.32 |        |
|      |     |     |          |      |       |        |        | 690      | 25.6   | 107.5  | -2.1   | 107.6 | 25.5  | -88.54 |        |
|      |     |     |          |      |       |        |        | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | Cent     | -1.3   | 97.8   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 702      | -0.5   | 97.6   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 705      | -0.5   | 98.0   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 577      | -2.1   | 98.0   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 690      | -2.1   | 97.6   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     |          |      |       |        |        | VER.TR-1 | Cent   | -68.5  | -223.4 | 15.4  | -67.0 | -224.9 | 5.61   |
|      |     |     |          |      |       |        |        |          | 702    | -66.2  | -234.7 | 28.8  | -61.4 | -239.5 | 9.45   |
|      |     |     |          |      |       |        |        |          | 705    | -66.2  | -214.1 | 0.4   | -66.2 | -214.1 | 0.14   |
|      |     |     |          |      |       |        |        |          | 577    | -69.0  | -214.1 | 1.9   | -69.0 | -214.1 | 0.74   |
|      |     |     |          |      |       |        |        |          | 690    | -69.0  | -234.7 | 30.4  | -63.6 | -240.1 | 10.07  |
|      |     |     |          |      |       |        |        | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|      |     |     |          |      |       |        |        | Cent     | -0.2   | -0.3   | -0.0   | -0.2  | -0.3  | -15.32 |        |
|      |     |     |          |      |       |        |        | 702      | -0.1   | -0.3   | -0.0   | -0.1  | -0.3  | -6.93  |        |
|      |     |     |          |      |       |        |        | 705      | -0.1   | -0.4   | -0.1   | -0.1  | -0.4  | -13.58 |        |
|      |     |     |          |      |       |        |        | 577      | -0.2   | -0.3   | -0.1   | -0.2  | -0.3  | -27.48 |        |
|      |     |     |          |      |       |        |        | 690      | -0.2   | -0.3   | -0.0   | -0.2  | -0.3  | -18.66 |        |
|      |     |     |          |      |       |        |        | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | Cent     | 0.0    | -0.0   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 702      | 0.0    | -0.0   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 705      | 0.0    | -0.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 577      | 0.0    | -0.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 690      | 0.0    | -0.0   |        |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy    | Fmax     | Fmin   | ANGLE  |        |       |       |        |        |
| 951  | 1   | 1   | VERIFI-1 | Cent | -78.0 | -388.4 | -92.9  | -52.3    | -414.1 | -15.46 |        |       |       |        |        |
|      |     |     |          | 729  | -83.7 | -402.5 | -85.9  | -62.0    | -424.1 | -14.16 |        |       |       |        |        |
|      |     |     |          | 730  | -83.7 | -377.4 | -92.2  | -57.1    | -403.9 | -16.06 |        |       |       |        |        |
|      |     |     |          | 746  | -67.2 | -377.4 | -100.0 | -37.8    | -406.8 | -16.41 |        |       |       |        |        |
|      |     |     |          | 745  | -67.2 | -402.5 | -93.7  | -42.8    | -426.9 | -14.60 |        |       |       |        |        |
|      |     |     |          |      |       |        |        | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|      |     |     |          |      |       |        |        | Cent     | 23.8   | 127.8  | 24.1   | 133.1 | 18.5  | 77.54  |        |
|      |     |     |          |      |       |        |        | 729      | 27.2   | 135.9  | 13.2   | 137.5 | 25.6  | 83.16  |        |
|      |     |     |          |      |       |        |        | 730      | 38.5   | 192.6  | 12.0   | 193.5 | 37.6  | 85.57  |        |
|      |     |     |          |      |       |        |        | 746      | 19.8   | 110.8  | 34.4   | 122.3 | 8.3   | 71.44  |        |
|      |     |     |          |      |       |        |        | 745      | 9.8    | 71.8   | 35.6   | 88.0  | -6.5  | 65.51  |        |
|      |     |     |          |      |       |        |        | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |        | Cent     | -42.0  | 89.3   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 729      | -42.9  | 78.7   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 730      | -42.9  | 99.9   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 746      | -41.1  | 99.9   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | 745      | -41.1  | 78.7   |        |       |       |        |        |
|      |     |     |          |      |       |        |        | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     |          |      |       |        |        | VER.TR-1 | Cent   | -50.2  | -265.5 | -53.5 | -37.7 | -278.0 | -13.21 |
|      |     |     |          |      |       |        |        |          | 729    | -55.8  | -250.2 | -46.1 | -45.4 | -260.6 | -12.70 |
|      |     |     |          |      |       |        |        |          | 730    | -55.8  | -282.2 | -46.9 | -46.5 | -291.5 | -11.25 |
|      |     |     |          |      |       |        |        |          | 746    | -42.3  | -282.2 | -60.8 | -27.8 | -296.7 | -13.45 |
|      |     |     |          |      |       |        |        |          | 745    | -42.3  | -250.2 | -60.1 | -26.2 | -266.3 | -15.02 |

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|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|--------|-------|-------|-------|
|      |     |     |          |          |       |        |        | Cent  | -1.4   | -6.9   | 0.3    | -1.4  | -6.9  | 3.15  |
|      |     |     |          |          |       |        |        | 729   | -1.0   | -4.9   | 0.0    | -1.0  | -4.9  | 0.66  |
|      |     |     |          |          |       |        |        | 730   | -1.1   | -5.4   | 0.0    | -1.1  | -5.4  | 0.42  |
|      |     |     |          |          |       |        |        | 746   | -1.3   | -6.9   | 0.7    | -1.2  | -7.0  | 7.21  |
|      |     |     |          |          |       |        |        | 745   | -2.2   | -10.3  | 0.7    | -2.2  | -10.4 | 5.11  |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |       |
|      |     |     |          |          |       |        |        | Cent  | -1.4   | 4.2    |        |       |       |       |
|      |     |     |          |          |       |        |        | 729   | -0.7   | 6.6    |        |       |       |       |
|      |     |     |          |          |       |        |        | 730   | -0.7   | 1.8    |        |       |       |       |
|      |     |     |          |          |       |        |        | 746   | -2.1   | 1.8    |        |       |       |       |
|      |     |     |          |          |       |        |        | 745   | -2.1   | 6.6    |        |       |       |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |       |       |       |
| 952  | 1   | 1   | VERIFI-1 | Cent     | -71.2 | -377.9 | -93.3  | -45.0 | -404.1 | -15.65 |        |       |       |       |
|      |     |     |          | 730      | -77.4 | -379.3 | -92.2  | -51.4 | -405.2 | -15.71 |        |       |       |       |
|      |     |     |          | 731      | -77.4 | -377.5 | -90.9  | -52.0 | -402.9 | -15.60 |        |       |       |       |
|      |     |     |          | 747      | -63.4 | -377.5 | -94.3  | -37.3 | -403.7 | -15.49 |        |       |       |       |
|      |     |     |          | 746      | -63.4 | -379.3 | -95.6  | -36.7 | -406.0 | -15.60 |        |       |       |       |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE |
|      |     |     |          |          |       |        |        | Cent  | 33.2   | 173.4  | 22.1   | 176.8 | 29.8  | 81.27 |
|      |     |     |          |          |       |        |        | 730   | 38.5   | 192.6  | 12.0   | 193.5 | 37.6  | 85.57 |
|      |     |     |          |          |       |        |        | 731   | 48.8   | 244.0  | 11.0   | 244.6 | 48.2  | 86.80 |
|      |     |     |          |          |       |        |        | 747   | 25.8   | 146.4  | 31.5   | 154.1 | 18.1  | 76.22 |
|      |     |     |          |          |       |        |        | 746   | 19.7   | 110.8  | 32.5   | 121.2 | 9.3   | 72.23 |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |       |
|      |     |     |          |          |       |        |        | Cent  | -36.2  | 109.2  |        |       |       |       |
|      |     |     |          |          |       |        |        | 730   | -39.1  | 99.7   |        |       |       |       |
|      |     |     |          |          |       |        |        | 731   | -39.1  | 118.7  |        |       |       |       |
|      |     |     |          |          |       |        |        | 747   | -33.2  | 118.7  |        |       |       |       |
|      |     |     |          |          |       |        |        | 746   | -33.2  | 99.7   |        |       |       |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |       |       |       |
|      |     |     |          | VER.TR-1 | Cent  | -50.6  | -300.2 | -47.7 | -41.8  | -309.0 | -10.46 |       |       |       |
|      |     |     |          |          | 730   | -60.3  | -284.1 | -46.9 | -50.9  | -293.6 | -11.36 |       |       |       |
|      |     |     |          |          | 731   | -60.3  | -316.4 | -40.5 | -54.1  | -322.6 | -8.77  |       |       |       |
|      |     |     |          |          | 747   | -40.7  | -316.4 | -48.5 | -32.4  | -324.7 | -9.70  |       |       |       |
|      |     |     |          |          | 746   | -40.7  | -284.1 | -54.9 | -28.9  | -296.0 | -12.15 |       |       |       |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE |
|      |     |     |          |          |       |        |        | Cent  | -1.1   | -5.6   | 0.4    | -1.1  | -5.6  | 4.93  |
|      |     |     |          |          |       |        |        | 730   | -1.1   | -5.4   | 0.2    | -1.1  | -5.4  | 2.01  |
|      |     |     |          |          |       |        |        | 731   | -1.0   | -4.9   | 0.2    | -1.0  | -4.9  | 2.53  |
|      |     |     |          |          |       |        |        | 747   | -1.1   | -5.3   | 0.7    | -1.0  | -5.4  | 8.88  |
|      |     |     |          |          |       |        |        | 746   | -1.2   | -6.9   | 0.7    | -1.2  | -6.9  | 6.52  |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |       |
|      |     |     |          |          |       |        |        | Cent  | -0.8   | 1.1    |        |       |       |       |
|      |     |     |          |          |       |        |        | 730   | -0.7   | 1.8    |        |       |       |       |
|      |     |     |          |          |       |        |        | 731   | -0.7   | 0.4    |        |       |       |       |
|      |     |     |          |          |       |        |        | 747   | -0.9   | 0.4    |        |       |       |       |
|      |     |     |          |          |       |        |        | 746   | -0.9   | 1.8    |        |       |       |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |       |       |       |
| 953  | 1   | 1   | VERIFI-1 | Cent     | -69.2 | -379.9 | -89.5  | -45.3 | -403.8 | -14.97 |        |       |       |       |
|      |     |     |          | 731      | -76.3 | -378.2 | -90.9  | -51.1 | -403.5 | -15.53 |        |       |       |       |
|      |     |     |          | 732      | -76.3 | -381.8 | -86.4  | -53.6 | -404.5 | -14.76 |        |       |       |       |
|      |     |     |          | 748      | -61.7 | -381.8 | -88.1  | -39.1 | -404.4 | -14.42 |        |       |       |       |
|      |     |     |          | 747      | -61.7 | -378.2 | -92.5  | -36.7 | -403.3 | -15.16 |        |       |       |       |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE |
|      |     |     |          |          |       |        |        | Cent  | 41.0   | 214.5  | 19.6   | 216.7 | 38.8  | 83.65 |
|      |     |     |          |          |       |        |        | 731   | 48.8   | 244.0  | 10.9   | 244.6 | 48.2  | 86.82 |
|      |     |     |          |          |       |        |        | 732   | 57.9   | 289.5  | 9.5    | 289.9 | 57.5  | 87.66 |
|      |     |     |          |          |       |        |        | 748   | 31.4   | 178.3  | 27.7   | 183.3 | 26.4  | 79.65 |
|      |     |     |          |          |       |        |        | 747   | 25.8   | 146.4  | 29.1   | 153.0 | 19.1  | 77.12 |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |       |
|      |     |     |          |          |       |        |        | Cent  | -32.3  | 127.3  |        |       |       |       |
|      |     |     |          |          |       |        |        | 731   | -34.7  | 119.1  |        |       |       |       |
|      |     |     |          |          |       |        |        | 732   | -34.7  | 135.5  |        |       |       |       |
|      |     |     |          |          |       |        |        | 748   | -29.9  | 135.5  |        |       |       |       |
|      |     |     |          |          |       |        |        | 747   | -29.9  | 119.1  |        |       |       |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |       |       |       |
|      |     |     |          | VER.TR-1 | Cent  | -54.4  | -330.6 | -38.6 | -49.1  | -335.9 | -7.82  |       |       |       |
|      |     |     |          |          | 731   | -65.7  | -317.7 | -40.5 | -59.3  | -324.0 | -8.90  |       |       |       |
|      |     |     |          |          | 732   | -65.7  | -343.2 | -31.7 | -62.1  | -346.8 | -6.42  |       |       |       |
|      |     |     |          |          | 748   | -43.4  | -343.2 | -36.8 | -39.0  | -347.7 | -6.90  |       |       |       |
|      |     |     |          |          | 747   | -43.4  | -317.7 | -45.6 | -36.1  | -325.1 | -9.20  |       |       |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 731   |     |     |          |      |       |        |       |       |        |        |
| 732   |     |     |          |      |       |        |       |       |        |        |
| 748   |     |     |          |      |       |        |       |       |        |        |
| 747   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 731   |     |     |          |      |       |        |       |       |        |        |
| 732   |     |     |          |      |       |        |       |       |        |        |
| 748   |     |     |          |      |       |        |       |       |        |        |
| 747   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 954   | 1   | 1   | VERIFI-1 | Cent | -69.8 | -383.7 | -84.3 | -48.6 | -404.9 | -14.13 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 732   |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| 748   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 732   |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| 748   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 732   |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| 748   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -59.3 | -353.3 | -29.0 | -56.4 | -356.1 | -5.59  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 732  | -70.1 | -344.3 | -31.7 | -66.5 | -347.9 | -6.50  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 733  | -70.1 | -362.0 | -23.1 | -68.3 | -363.8 | -4.49  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 749  | -48.8 | -362.0 | -26.4 | -46.6 | -364.2 | -4.79  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 748  | -48.8 | -344.3 | -35.0 | -44.7 | -348.3 | -6.66  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 732   |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| 748   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 732   |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| 748   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 955   | 1   | 1   | VERIFI-1 | Cent | -71.3 | -386.2 | -79.4 | -52.4 | -405.1 | -13.38 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 734   |     |     |          |      |       |        |       |       |        |        |
| 750   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 734   |     |     |          |      |       |        |       |       |        |        |
| 750   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 733   |     |     |          |      |       |        |       |       |        |        |
| 734   |     |     |          |      |       |        |       |       |        |        |
| 750   |     |     |          |      |       |        |       |       |        |        |
| 749   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -64.0 | -368.5 | -20.4 | -62.6 | -369.9 | -3.81  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 733  | -73.3 | -362.9 | -23.1 | -71.5 | -364.7 | -4.53  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 734  | -73.3 | -374.0 | -15.8 | -72.5 | -374.9 | -3.00  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 750  | -55.0 | -374.0 | -17.7 | -54.0 | -375.0 | -3.17  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 749  | -55.0 | -362.9 | -25.0 | -52.9 | -364.9 | -4.61  |
| ----- |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|----------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 733      |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 749      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 733      |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 749      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 956      | 1   | 1   | VERIFI-1 | Cent | -72.5 | -387.3 | -75.3 | -55.4 | -404.3 | -12.78 |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| VER.TR-1 |     |     |          | Cent | -67.7 | -378.0 | -13.3 | -67.2 | -378.5 | -2.45  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 734      |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 957      | 1   | 1   | VERIFI-1 | Cent | -73.3 | -387.1 | -71.9 | -57.6 | -402.8 | -12.31 |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 736      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 736      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 736      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| VER.TR-1 |     |     |          | Cent | -70.4 | -383.1 | -7.8  | -70.2 | -383.3 | -1.42  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 735      |     |     |          |      |       |        |       |       |        |        |
| 736      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |

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|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|--------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -0.4   | -1.8   | 0.2    | -0.4  | -1.9  | 8.26   |       |
|      |     |     |          |      |       |        |       | 735      | -0.4   | -2.0   | 0.1    | -0.4  | -2.0  | 4.19   |       |
|      |     |     |          |      |       |        |       | 736      | -0.3   | -1.6   | 0.1    | -0.3  | -1.6  | 4.25   |       |
|      |     |     |          |      |       |        |       | 752      | -0.4   | -1.6   | 0.3    | -0.3  | -1.7  | 13.00  |       |
|      |     |     |          |      |       |        |       | 751      | -0.5   | -2.1   | 0.3    | -0.4  | -2.1  | 11.27  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.4   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 735      | -0.4   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 736      | -0.4   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 752      | -0.4   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 751      | -0.4   | 0.1    |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 958  | 1   | 1   | VERIFI-1 | Cent | -73.5 | -386.0 | -69.1 | -58.9    | -400.5 | -11.92 |        |       |       |        |       |
|      |     |     |          | 736  | -77.1 | -386.7 | -70.7 | -61.7    | -402.1 | -12.27 |        |       |       |        |       |
|      |     |     |          | 737  | -77.1 | -385.2 | -67.9 | -62.8    | -399.5 | -11.89 |        |       |       |        |       |
|      |     |     |          | 753  | -69.9 | -385.2 | -67.4 | -56.1    | -399.0 | -11.58 |        |       |       |        |       |
|      |     |     |          | 752  | -69.9 | -386.7 | -70.2 | -55.1    | -401.6 | -11.96 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 66.5   | 339.0  | 6.1    | 339.1 | 66.3  | 88.72  |       |
|      |     |     |          |      |       |        |       | 736      | 80.3   | 401.4  | 3.6    | 401.5 | 80.2  | 89.36  |       |
|      |     |     |          |      |       |        |       | 737      | 83.0   | 414.9  | 2.6    | 414.9 | 83.0  | 89.55  |       |
|      |     |     |          |      |       |        |       | 753      | 52.7   | 275.7  | 8.5    | 276.1 | 52.4  | 87.81  |       |
|      |     |     |          |      |       |        |       | 752      | 49.9   | 263.9  | 9.5    | 264.3 | 49.4  | 87.47  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -11.0  | 167.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 736      | -10.9  | 166.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 737      | -10.9  | 168.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 753      | -11.1  | 168.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 752      | -11.1  | 166.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -71.9  | -385.3 | -3.4  | -71.9 | -385.3 | -0.62 |
|      |     |     |          |      |       |        |       | VER.TR-1 | 736    | -76.8  | -384.9 | -5.3  | -76.8 | -385.0 | -0.98 |
|      |     |     |          |      |       |        |       | VER.TR-1 | 737    | -76.8  | -385.6 | -1.4  | -76.8 | -385.6 | -0.26 |
|      |     |     |          |      |       |        |       | VER.TR-1 | 753    | -67.2  | -385.6 | -1.5  | -67.2 | -385.6 | -0.27 |
|      |     |     |          |      |       |        |       | VER.TR-1 | 752    | -67.2  | -384.9 | -5.4  | -67.1 | -385.0 | -0.97 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -0.3   | -1.4   | 0.2    | -0.3  | -1.4  | 8.27   |       |
|      |     |     |          |      |       |        |       | 736      | -0.3   | -1.6   | 0.1    | -0.3  | -1.6  | 4.24   |       |
|      |     |     |          |      |       |        |       | 737      | -0.2   | -1.2   | 0.1    | -0.2  | -1.2  | 4.25   |       |
|      |     |     |          |      |       |        |       | 753      | -0.3   | -1.3   | 0.2    | -0.3  | -1.3  | 12.92  |       |
|      |     |     |          |      |       |        |       | 752      | -0.4   | -1.6   | 0.3    | -0.3  | -1.7  | 11.24  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.3   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 736      | -0.3   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 737      | -0.3   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 753      | -0.3   | 0.1    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 752      | -0.3   | 0.1    |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 959  | 1   | 1   | VERIFI-1 | Cent | -73.1 | -384.0 | -66.4 | -59.5    | -397.5 | -11.56 |        |       |       |        |       |
|      |     |     |          | 737  | -76.6 | -385.1 | -67.9 | -62.3    | -399.4 | -11.88 |        |       |       |        |       |
|      |     |     |          | 738  | -76.6 | -382.7 | -65.1 | -63.4    | -396.0 | -11.52 |        |       |       |        |       |
|      |     |     |          | 754  | -69.7 | -382.7 | -64.8 | -56.8    | -395.6 | -11.25 |        |       |       |        |       |
|      |     |     |          | 753  | -69.7 | -385.1 | -67.6 | -55.8    | -399.0 | -11.60 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 68.8   | 349.8  | 4.3    | 349.9 | 68.8  | 89.12  |       |
|      |     |     |          |      |       |        |       | 737      | 83.0   | 414.9  | 2.6    | 414.9 | 83.0  | 89.55  |       |
|      |     |     |          |      |       |        |       | 738      | 84.9   | 424.3  | 1.8    | 424.3 | 84.8  | 89.70  |       |
|      |     |     |          |      |       |        |       | 754      | 54.8   | 284.5  | 6.0    | 284.7 | 54.7  | 88.49  |       |
|      |     |     |          |      |       |        |       | 753      | 52.7   | 275.7  | 6.8    | 275.9 | 52.5  | 88.25  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -7.9   | 168.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 737      | -7.8   | 168.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 738      | -7.8   | 168.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 754      | -8.1   | 168.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 753      | -8.1   | 168.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -72.5  | -385.2 | 0.3   | -72.5 | -385.2 | 0.05  |
|      |     |     |          |      |       |        |       | VER.TR-1 | 737    | -76.8  | -385.7 | -1.4  | -76.8 | -385.7 | -0.26 |
|      |     |     |          |      |       |        |       | VER.TR-1 | 738    | -76.8  | -384.5 | 2.0   | -76.8 | -384.5 | 0.37  |
|      |     |     |          |      |       |        |       | VER.TR-1 | 754    | -68.4  | -384.5 | 2.0   | -68.4 | -384.5 | 0.36  |
|      |     |     |          |      |       |        |       | VER.TR-1 | 753    | -68.4  | -385.7 | -1.5  | -68.4 | -385.7 | -0.27 |

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|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|-------|
|      |     |     |          | Cent     | -0.2  | -1.1   | 0.1    | -0.2  | -1.1   | 8.18   |       |
|      |     |     |          | 737      | -0.2  | -1.2   | 0.1    | -0.2  | -1.2   | 4.24   |       |
|      |     |     |          | 738      | -0.2  | -0.9   | 0.1    | -0.2  | -0.9   | 4.19   |       |
|      |     |     |          | 754      | -0.2  | -1.0   | 0.2    | -0.2  | -1.1   | 12.68  |       |
|      |     |     |          | 753      | -0.3  | -1.3   | 0.2    | -0.3  | -1.3   | 11.09  |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 737      | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 738      | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 754      | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 753      | -0.2  | 0.1    |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| 960  | 1   | 1   | VERIFI-1 | Cent     | -72.2 | -380.8 | -63.5  | -59.6 | -393.4 | -11.19 |       |
|      |     |     |          | 738      | -76.0 | -382.6 | -65.1  | -62.7 | -395.8 | -11.50 |       |
|      |     |     |          | 739      | -76.0 | -379.0 | -62.1  | -63.7 | -391.2 | -11.14 |       |
|      |     |     |          | 755      | -68.6 | -379.0 | -61.9  | -56.7 | -390.9 | -10.88 |       |
|      |     |     |          | 754      | -68.6 | -382.6 | -65.0  | -55.7 | -395.5 | -11.24 |       |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | 70.5  | 357.5  | 2.8    | 357.5 | 70.5   | 89.43  |       |
|      |     |     |          | 738      | 84.9  | 424.3  | 1.8    | 424.3 | 84.8   | 89.70  |       |
|      |     |     |          | 739      | 86.1  | 430.3  | 1.1    | 430.3 | 86.1   | 89.82  |       |
|      |     |     |          | 755      | 56.4  | 290.7  | 3.9    | 290.8 | 56.4   | 89.03  |       |
|      |     |     |          | 754      | 54.9  | 284.5  | 4.6    | 284.6 | 54.8   | 88.85  |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | -5.4  | 168.5  |        |       |        |        |       |
|      |     |     |          | 738      | -5.1  | 168.6  |        |       |        |        |       |
|      |     |     |          | 739      | -5.1  | 168.4  |        |       |        |        |       |
|      |     |     |          | 755      | -5.6  | 168.4  |        |       |        |        |       |
|      |     |     |          | 754      | -5.6  | 168.6  |        |       |        |        |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          | VER.TR-1 | Cent  | -72.2  | -383.0 | 3.6   | -72.2  | -383.1 | 0.67  |
|      |     |     |          |          | 738   | -76.4  | -384.5 | 2.0   | -76.3  | -384.5 | 0.37  |
|      |     |     |          |          | 739   | -76.4  | -381.5 | 5.4   | -76.3  | -381.6 | 1.01  |
|      |     |     |          |          | 755   | -68.4  | -381.5 | 5.3   | -68.3  | -381.6 | 0.96  |
|      |     |     |          |          | 754   | -68.4  | -384.5 | 1.9   | -68.3  | -384.5 | 0.35  |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | -0.2  | -0.9   | 0.1    | -0.2  | -0.9   | 7.96   |       |
|      |     |     |          | 738      | -0.2  | -0.9   | 0.1    | -0.2  | -0.9   | 4.18   |       |
|      |     |     |          | 739      | -0.1  | -0.7   | 0.0    | -0.1  | -0.7   | 4.05   |       |
|      |     |     |          | 755      | -0.2  | -0.8   | 0.1    | -0.2  | -0.8   | 12.25  |       |
|      |     |     |          | 754      | -0.2  | -1.0   | 0.2    | -0.2  | -1.0   | 10.80  |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 738      | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 739      | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 755      | -0.2  | 0.1    |        |       |        |        |       |
|      |     |     |          | 754      | -0.2  | 0.1    |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| 961  | 1   | 1   | VERIFI-1 | Cent     | -70.9 | -376.1 | -60.4  | -59.4 | -387.6 | -10.79 |       |
|      |     |     |          | 739      | -74.9 | -378.8 | -62.1  | -62.7 | -391.0 | -11.11 |       |
|      |     |     |          | 740      | -74.9 | -373.3 | -58.7  | -63.8 | -384.4 | -10.73 |       |
|      |     |     |          | 756      | -67.1 | -373.3 | -58.7  | -56.2 | -384.2 | -10.49 |       |
|      |     |     |          | 755      | -67.1 | -378.8 | -62.1  | -55.2 | -390.7 | -10.86 |       |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | 71.7  | 362.3  | 1.6    | 362.3 | 71.7   | 89.68  |       |
|      |     |     |          | 739      | 86.1  | 430.3  | 1.1    | 430.3 | 86.1   | 89.82  |       |
|      |     |     |          | 740      | 86.7  | 433.5  | 0.5    | 433.5 | 86.7   | 89.92  |       |
|      |     |     |          | 756      | 57.5  | 294.7  | 2.2    | 294.7 | 57.5   | 89.47  |       |
|      |     |     |          | 755      | 56.4  | 290.7  | 2.8    | 290.8 | 56.4   | 89.33  |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | -3.2  | 167.8  |        |       |        |        |       |
|      |     |     |          | 739      | -2.9  | 168.3  |        |       |        |        |       |
|      |     |     |          | 740      | -2.9  | 167.4  |        |       |        |        |       |
|      |     |     |          | 756      | -3.5  | 167.4  |        |       |        |        |       |
|      |     |     |          | 755      | -3.5  | 168.3  |        |       |        |        |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          | VER.TR-1 | Cent  | -71.3  | -378.8 | 7.0   | -71.1  | -379.0 | 1.30  |
|      |     |     |          |          | 739   | -75.4  | -381.3 | 5.4   | -75.3  | -381.4 | 1.00  |
|      |     |     |          |          | 740   | -75.4  | -376.1 | 8.9   | -75.2  | -376.4 | 1.69  |
|      |     |     |          |          | 756   | -67.4  | -376.1 | 8.7   | -67.2  | -376.3 | 1.60  |
|      |     |     |          |          | 755   | -67.4  | -381.3 | 5.1   | -67.3  | -381.4 | 0.94  |

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|       |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|-------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|-------|
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 739   |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| 755   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 739   |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| 755   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| ELEM  | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| 962   | 1   | 1   | VERIFI-1 | Cent     | -69.2 | -369.2 | -56.9  | -58.8 | -379.6 | -10.39 |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | VER.TR-1 | Cent  | -69.8  | -372.0 | 10.5  | -69.4  | -372.4 | 1.99  |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 740   |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| 756   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| ELEM  | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| 963   | 1   | 1   | VERIFI-1 | Cent     | -67.6 | -359.5 | -53.6  | -58.1 | -369.0 | -10.08 |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 742   |     |     |          |          |       |        |        |       |        |        |       |
| 758   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 742   |     |     |          |          |       |        |        |       |        |        |       |
| 758   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| Cent  |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 742   |     |     |          |          |       |        |        |       |        |        |       |
| 758   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
|       |     |     |          | VER.TR-1 | Cent  | -68.2  | -362.2 | 13.9  | -67.5  | -362.9 | 2.70  |
| ----- |     |     |          |          |       |        |        |       |        |        |       |
| 741   |     |     |          |          |       |        |        |       |        |        |       |
| 742   |     |     |          |          |       |        |        |       |        |        |       |
| 758   |     |     |          |          |       |        |        |       |        |        |       |
| 757   |     |     |          |          |       |        |        |       |        |        |       |



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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 741   |     |     |          |      |       |        |       |       |        |        |
| 742   |     |     |          |      |       |        |       |       |        |        |
| 758   |     |     |          |      |       |        |       |       |        |        |
| 757   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 741   |     |     |          |      |       |        |       |       |        |        |
| 742   |     |     |          |      |       |        |       |       |        |        |
| 758   |     |     |          |      |       |        |       |       |        |        |
| 757   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 964   | 1   | 1   | VERIFI-1 | Cent | -66.6 | -346.8 | -51.0 | -57.6 | -355.8 | -10.01 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 742   |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| 758   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 742   |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| 758   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 742   |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| 758   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -67.0 | -349.3 | 16.5  | -66.1 | -350.3 | 3.33   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 742  | -69.1 | -356.3 | 16.3  | -68.2 | -357.2 | 3.24   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 743  | -69.1 | -342.0 | 19.0  | -67.8 | -343.3 | 3.97   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 759  | -65.5 | -342.0 | 16.7  | -64.5 | -343.0 | 3.44   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 758  | -65.5 | -356.3 | 13.9  | -64.9 | -357.0 | 2.73   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 742   |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| 758   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 742   |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| 758   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 965   | 1   | 1   | VERIFI-1 | Cent | -66.7 | -332.0 | -50.5 | -57.4 | -341.3 | -10.42 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -66.9 | -334.1 | 17.1  | -65.9 | -335.2 | 3.65   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 743  | -66.3 | -341.8 | 19.0  | -65.0 | -343.1 | 3.94   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 744  | -66.3 | -326.2 | 19.5  | -64.8 | -327.6 | 4.27   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 760  | -68.1 | -326.2 | 15.2  | -67.2 | -327.1 | 3.36   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 759  | -68.1 | -341.8 | 14.7  | -67.3 | -342.6 | 3.07   |
| ----- |     |     |          |      |       |        |       |       |        |        |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 743   |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| 759   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 966   | 1   | 1   | VERIFI-1 | Cent | -67.9 | -318.0 | -53.0 | -57.1 | -328.8 | -11.49 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -67.9 | -319.3 | 14.8  | -67.0 | -320.2 | 3.36   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 744  | -63.9 | -325.9 | 19.5  | -62.4 | -327.4 | 4.23   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 689  | -63.9 | -312.7 | 16.6  | -62.8 | -313.8 | 3.81   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 700  | -71.9 | -312.7 | 10.1  | -71.4 | -313.1 | 2.40   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 760  | -71.9 | -325.9 | 13.0  | -71.2 | -326.6 | 2.91   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 744   |     |     |          |      |       |        |       |       |        |        |
| 689   |     |     |          |      |       |        |       |       |        |        |
| 700   |     |     |          |      |       |        |       |       |        |        |
| 760   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1063  | 1   | 1   | VERIFI-1 | Cent | -33.6 | -354.3 | -78.0 | -15.6 | -372.3 | -12.96 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 746   |     |     |          |      |       |        |       |       |        |        |
| 842   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 746   |     |     |          |      |       |        |       |       |        |        |
| 842   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 745   |     |     |          |      |       |        |       |       |        |        |
| 746   |     |     |          |      |       |        |       |       |        |        |
| 842   |     |     |          |      |       |        |       |       |        |        |
| 841   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -23.2 | -242.6 | -52.6 | -11.2 | -254.6 | -12.81 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 745  | -34.4 | -221.2 | -48.9 | -22.4 | -233.2 | -13.81 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 746  | -34.4 | -263.7 | -50.9 | -23.6 | -274.5 | -11.96 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 842  | -12.5 | -263.7 | -56.4 | -0.4  | -275.8 | -12.08 |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 841  | -12.5 | -221.2 | -54.4 | 0.9   | -234.5 | -13.76 |
| ----- |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|--------|--------|-------|-------|--------|--------|
|      |     |     |          |      |       |        |       | Cent     | -2.4   | -7.9   | 2.5    | -1.5  | -8.9  | 21.46  |        |
|      |     |     |          |      |       |        |       | 745      | -2.1   | -9.9   | 2.3    | -1.5  | -10.5 | 15.28  |        |
|      |     |     |          |      |       |        |       | 746      | -1.3   | -7.0   | 1.7    | -0.9  | -7.5  | 15.38  |        |
|      |     |     |          |      |       |        |       | 842      | -2.0   | -6.2   | 2.8    | -0.6  | -7.6  | 26.14  |        |
|      |     |     |          |      |       |        |       | 841      | -4.4   | -8.3   | 3.3    | -2.5  | -10.2 | 29.70  |        |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |       | Cent     | -3.5   | -0.6   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 745      | -2.4   | -1.0   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 746      | -2.4   | -0.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 842      | -4.6   | -0.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 841      | -4.6   | -1.0   |        |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |        |
| 1064 | 1   | 1   | VERIFI-1 | Cent | -41.7 | -353.5 | -80.6 | -22.1    | -373.1 | -13.67 |        |       |       |        |        |
|      |     |     |          | 746  | -55.9 | -351.4 | -85.9 | -32.7    | -374.6 | -15.09 |        |       |       |        |        |
|      |     |     |          | 747  | -55.9 | -355.2 | -81.7 | -35.1    | -376.1 | -14.31 |        |       |       |        |        |
|      |     |     |          | 843  | -28.3 | -355.2 | -75.3 | -11.8    | -371.7 | -12.37 |        |       |       |        |        |
|      |     |     |          | 842  | -28.3 | -351.4 | -79.6 | -9.8     | -369.9 | -13.11 |        |       |       |        |        |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|      |     |     |          |      |       |        |       | Cent     | 13.6   | 100.9  | 56.0   | 128.3 | -13.8 | 63.96  |        |
|      |     |     |          |      |       |        |       | 746      | 19.7   | 110.8  | 50.2   | 133.0 | -2.5  | 66.10  |        |
|      |     |     |          |      |       |        |       | 747      | 25.8   | 146.5  | 47.6   | 163.0 | 9.3   | 70.85  |        |
|      |     |     |          |      |       |        |       | 843      | 4.6    | 83.6   | 61.2   | 116.9 | -28.8 | 61.43  |        |
|      |     |     |          |      |       |        |       | 842      | 4.2    | 62.6   | 63.8   | 103.6 | -36.7 | 57.31  |        |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |       | Cent     | -20.8  | 70.3   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 746      | -24.9  | 61.4   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 747      | -24.9  | 79.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 843      | -16.8  | 79.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 842      | -16.8  | 61.4   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -26.9  | -282.6 | -44.1 | -19.5 | -290.0 | -9.51  |
|      |     |     |          |      |       |        |       |          | 746    | -36.2  | -264.6 | -45.0 | -27.7 | -273.1 | -10.74 |
|      |     |     |          |      |       |        |       |          | 747    | -36.2  | -300.3 | -38.1 | -30.8 | -305.7 | -8.05  |
|      |     |     |          |      |       |        |       |          | 843    | -18.3  | -300.3 | -43.2 | -11.9 | -306.8 | -8.51  |
|      |     |     |          |      |       |        |       |          | 842    | -18.3  | -264.6 | -50.0 | -8.5  | -274.3 | -11.05 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|      |     |     |          |      |       |        |       | Cent     | -1.4   | -5.8   | 1.8    | -0.8  | -6.5  | 19.37  |        |
|      |     |     |          |      |       |        |       | 746      | -1.3   | -7.0   | 1.5    | -0.9  | -7.4  | 13.97  |        |
|      |     |     |          |      |       |        |       | 747      | -1.1   | -5.2   | 1.3    | -0.7  | -5.6  | 15.76  |        |
|      |     |     |          |      |       |        |       | 843      | -1.4   | -4.9   | 2.0    | -0.5  | -5.8  | 24.53  |        |
|      |     |     |          |      |       |        |       | 842      | -2.0   | -6.2   | 2.2    | -1.1  | -7.2  | 23.40  |        |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |       | Cent     | -1.5   | -0.3   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 746      | -1.2   | -0.6   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 747      | -1.2   | -0.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 843      | -1.8   | -0.1   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 842      | -1.8   | -0.6   |        |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |        |
| 1065 | 1   | 1   | VERIFI-1 | Cent | -47.0 | -357.9 | -75.0 | -29.9    | -375.0 | -12.87 |        |       |       |        |        |
|      |     |     |          | 747  | -56.5 | -356.0 | -79.9 | -36.5    | -376.0 | -14.04 |        |       |       |        |        |
|      |     |     |          | 748  | -56.5 | -359.6 | -73.8 | -39.4    | -376.6 | -12.99 |        |       |       |        |        |
|      |     |     |          | 844  | -37.9 | -359.6 | -70.0 | -23.3    | -374.1 | -11.77 |        |       |       |        |        |
|      |     |     |          | 843  | -37.9 | -356.0 | -76.1 | -20.7    | -373.3 | -12.79 |        |       |       |        |        |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |        |
|      |     |     |          |      |       |        |       | Cent     | 17.0   | 127.9  | 49.9   | 147.1 | -2.2  | 69.00  |        |
|      |     |     |          |      |       |        |       | 747      | 25.8   | 146.5  | 45.2   | 161.5 | 10.7  | 71.57  |        |
|      |     |     |          |      |       |        |       | 748      | 31.5   | 178.4  | 41.9   | 189.5 | 20.4  | 75.16  |        |
|      |     |     |          |      |       |        |       | 844      | 6.2    | 103.3  | 54.2   | 127.5 | -18.0 | 65.94  |        |
|      |     |     |          |      |       |        |       | 843      | 4.5    | 83.6   | 57.5   | 113.8 | -25.8 | 62.26  |        |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |        |
|      |     |     |          |      |       |        |       | Cent     | -20.0  | 87.5   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 747      | -22.8  | 80.2   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 748      | -22.8  | 94.8   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 844      | -17.2  | 94.8   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | 843      | -17.2  | 80.2   |        |       |       |        |        |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -32.6  | -313.8 | -32.4 | -28.9 | -317.5 | -6.49  |
|      |     |     |          |      |       |        |       |          | 747    | -39.9  | -301.3 | -35.2 | -35.3 | -306.0 | -7.54  |
|      |     |     |          |      |       |        |       |          | 748    | -39.9  | -326.0 | -27.1 | -37.4 | -328.6 | -5.35  |
|      |     |     |          |      |       |        |       |          | 844    | -25.8  | -326.0 | -29.6 | -22.9 | -328.9 | -5.57  |
|      |     |     |          |      |       |        |       |          | 843    | -25.8  | -301.3 | -37.7 | -20.7 | -306.4 | -7.66  |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|--------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -1.1   | -4.5   | 1.4    | -0.6  | -5.0  | 19.94  |       |
|      |     |     |          |      |       |        |       | 747      | -1.0   | -5.2   | 1.2    | -0.7  | -5.6  | 15.10  |       |
|      |     |     |          |      |       |        |       | 748      | -0.9   | -4.2   | 1.1    | -0.6  | -4.5  | 16.80  |       |
|      |     |     |          |      |       |        |       | 844      | -1.1   | -3.7   | 1.6    | -0.4  | -4.5  | 25.59  |       |
|      |     |     |          |      |       |        |       | 843      | -1.4   | -4.9   | 1.7    | -0.7  | -5.6  | 22.55  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.9   | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 747      | -0.8   | -0.2   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 748      | -0.8   | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 844      | -1.0   | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 843      | -1.0   | -0.2   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 1066 | 1   | 1   | VERIFI-1 | Cent | -51.9 | -361.1 | -68.7 | -37.3    | -375.6 | -11.98 |        |       |       |        |       |
|      |     |     |          | 748  | -58.1 | -360.4 | -72.8 | -41.5    | -377.0 | -12.87 |        |       |       |        |       |
|      |     |     |          | 749  | -58.1 | -361.6 | -68.0 | -43.6    | -376.1 | -12.06 |        |       |       |        |       |
|      |     |     |          | 845  | -45.9 | -361.6 | -64.6 | -33.2    | -374.3 | -11.12 |        |       |       |        |       |
|      |     |     |          | 844  | -45.9 | -360.4 | -69.4 | -31.3    | -375.0 | -11.91 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 21.0   | 152.2  | 42.8   | 164.9 | 8.3   | 73.45  |       |
|      |     |     |          |      |       |        |       | 748      | 31.4   | 178.4  | 39.1   | 188.1 | 21.7  | 76.00  |       |
|      |     |     |          |      |       |        |       | 749      | 36.9   | 206.1  | 35.4   | 213.2 | 29.8  | 78.65  |       |
|      |     |     |          |      |       |        |       | 845      | 9.5    | 121.1  | 46.1   | 137.7 | -7.1  | 70.22  |       |
|      |     |     |          |      |       |        |       | 844      | 6.2    | 103.3  | 49.8   | 124.3 | -14.8 | 67.15  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -19.1  | 101.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 748      | -20.6  | 95.2   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 749      | -20.6  | 107.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 845      | -17.5  | 107.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 844      | -17.5  | 95.2   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -39.8  | -335.0 | -21.9 | -38.2 | -336.6 | -4.21 |
|      |     |     |          |      |       |        |       |          | 748    | -45.2  | -327.3 | -25.2 | -43.0 | -329.6 | -5.06 |
|      |     |     |          |      |       |        |       |          | 749    | -45.2  | -342.4 | -18.5 | -44.1 | -343.6 | -3.54 |
|      |     |     |          |      |       |        |       |          | 845    | -34.7  | -342.4 | -18.5 | -33.6 | -343.5 | -3.43 |
|      |     |     |          |      |       |        |       |          | 844    | -34.7  | -327.3 | -25.2 | -32.6 | -329.5 | -4.89 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -0.9   | -3.5   | 1.2    | -0.5  | -4.0  | 21.02  |       |
|      |     |     |          |      |       |        |       | 748      | -0.9   | -4.2   | 1.0    | -0.6  | -4.5  | 16.13  |       |
|      |     |     |          |      |       |        |       | 749      | -0.7   | -3.3   | 0.9    | -0.5  | -3.6  | 17.86  |       |
|      |     |     |          |      |       |        |       | 845      | -1.0   | -2.9   | 1.3    | -0.3  | -3.6  | 26.50  |       |
|      |     |     |          |      |       |        |       | 844      | -1.1   | -3.7   | 1.4    | -0.5  | -4.4  | 23.81  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.7   | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 748      | -0.7   | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 749      | -0.7   | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 845      | -0.7   | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 844      | -0.7   | -0.3   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 1067 | 1   | 1   | VERIFI-1 | Cent | -56.3 | -362.2 | -63.9 | -43.5    | -375.1 | -11.33 |        |       |       |        |       |
|      |     |     |          | 749  | -60.4 | -362.4 | -67.3 | -46.1    | -376.8 | -12.01 |        |       |       |        |       |
|      |     |     |          | 750  | -60.4 | -361.9 | -63.7 | -47.5    | -374.9 | -11.46 |        |       |       |        |       |
|      |     |     |          | 846  | -52.3 | -361.9 | -60.5 | -40.9    | -373.3 | -10.67 |        |       |       |        |       |
|      |     |     |          | 845  | -52.3 | -362.4 | -64.1 | -39.6    | -375.2 | -11.22 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 25.5   | 173.4  | 35.4   | 181.4 | 17.4  | 77.20  |       |
|      |     |     |          |      |       |        |       | 749      | 36.9   | 206.1  | 32.5   | 212.1 | 30.9  | 79.49  |       |
|      |     |     |          |      |       |        |       | 750      | 41.9   | 229.5  | 28.9   | 233.9 | 37.6  | 81.43  |       |
|      |     |     |          |      |       |        |       | 846      | 13.6   | 136.8  | 38.0   | 147.6 | 2.8   | 74.15  |       |
|      |     |     |          |      |       |        |       | 845      | 9.5    | 121.1  | 41.6   | 134.9 | -4.3  | 71.65  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -17.4  | 111.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 749      | -18.0  | 107.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 750      | -18.0  | 116.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 846      | -16.8  | 116.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 845      | -16.8  | 107.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -46.9  | -348.0 | -13.8 | -46.3 | -348.7 | -2.62 |
|      |     |     |          |      |       |        |       |          | 749    | -50.8  | -343.8 | -17.1 | -49.8 | -344.8 | -3.32 |
|      |     |     |          |      |       |        |       |          | 750    | -50.8  | -352.1 | -12.0 | -50.4 | -352.5 | -2.29 |
|      |     |     |          |      |       |        |       |          | 846    | -43.4  | -352.1 | -10.5 | -43.0 | -352.4 | -1.95 |
|      |     |     |          |      |       |        |       |          | 845    | -43.4  | -343.8 | -15.5 | -42.6 | -344.6 | -2.95 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|----------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 749      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| 845      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 749      |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| 845      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 1068     | 1   | 1   | VERIFI-1 | Cent | -59.6 | -362.0 | -60.6 | -47.9 | -373.7 | -10.92 |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| VER.TR-1 |     |     |          | Cent | -53.0 | -355.3 | -8.1  | -52.8 | -355.5 | -1.54  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 750      |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| 846      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 1069     | 1   | 1   | VERIFI-1 | Cent | -61.7 | -361.0 | -58.3 | -50.7 | -372.0 | -10.64 |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 848      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 848      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| Cent     |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 848      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |
| -----    |     |     |          |      |       |        |       |       |        |        |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| VER.TR-1 |     |     |          | Cent | -57.5 | -358.9 | -4.2  | -57.4 | -358.9 | -0.81  |
| -----    |     |     |          |      |       |        |       |       |        |        |
| 751      |     |     |          |      |       |        |       |       |        |        |
| 752      |     |     |          |      |       |        |       |       |        |        |
| 848      |     |     |          |      |       |        |       |       |        |        |
| 847      |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|--------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -0.5   | -1.8   | 0.6    | -0.3  | -2.0  | 22.40  |       |
|      |     |     |          |      |       |        |       | 751      | -0.5   | -2.1   | 0.6    | -0.3  | -2.2  | 17.53  |       |
|      |     |     |          |      |       |        |       | 752      | -0.4   | -1.6   | 0.5    | -0.2  | -1.8  | 18.93  |       |
|      |     |     |          |      |       |        |       | 848      | -0.5   | -1.5   | 0.7    | -0.2  | -1.8  | 27.59  |       |
|      |     |     |          |      |       |        |       | 847      | -0.7   | -1.9   | 0.7    | -0.3  | -2.2  | 25.70  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.4   | -0.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 751      | -0.4   | -0.2   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 752      | -0.4   | -0.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 848      | -0.4   | -0.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 847      | -0.4   | -0.2   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 1070 | 1   | 1   | VERIFI-1 | Cent | -62.6 | -359.5 | -56.5 | -52.2    | -369.9 | -10.41 |        |       |       |        |       |
|      |     |     |          | 752  | -64.5 | -360.3 | -58.1 | -53.5    | -371.4 | -10.73 |        |       |       |        |       |
|      |     |     |          | 753  | -64.5 | -358.6 | -55.8 | -54.3    | -368.9 | -10.40 |        |       |       |        |       |
|      |     |     |          | 849  | -60.8 | -358.6 | -54.8 | -51.0    | -368.4 | -10.10 |        |       |       |        |       |
|      |     |     |          | 848  | -60.8 | -360.3 | -57.1 | -50.3    | -370.9 | -10.43 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 37.4   | 217.8  | 16.9   | 219.4 | 35.8  | 84.69  |       |
|      |     |     |          |      |       |        |       | 752      | 49.9   | 264.0  | 15.7   | 265.1 | 48.7  | 85.82  |       |
|      |     |     |          |      |       |        |       | 753      | 52.7   | 275.8  | 13.2   | 276.6 | 51.9  | 86.62  |       |
|      |     |     |          |      |       |        |       | 849      | 25.2   | 170.3  | 18.0   | 172.5 | 23.0  | 83.02  |       |
|      |     |     |          |      |       |        |       | 848      | 21.8   | 161.3  | 20.5   | 164.2 | 18.8  | 81.81  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -10.1  | 128.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 752      | -9.7   | 126.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 753      | -9.7   | 130.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 849      | -10.6  | 130.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 848      | -10.6  | 126.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -60.3  | -360.0 | -1.5  | -60.3 | -360.0 | -0.28 |
|      |     |     |          |      |       |        |       |          | 752    | -62.0  | -360.0 | -3.4  | -62.0 | -360.1 | -0.65 |
|      |     |     |          |      |       |        |       |          | 753    | -62.0  | -359.8 | -0.8  | -62.0 | -359.8 | -0.15 |
|      |     |     |          |      |       |        |       |          | 849    | -58.9  | -359.8 | 0.5   | -58.9 | -359.8 | 0.09  |
|      |     |     |          |      |       |        |       |          | 848    | -58.9  | -360.0 | -2.1  | -58.9 | -360.0 | -0.41 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -0.4   | -1.4   | 0.5    | -0.2  | -1.6  | 22.38  |       |
|      |     |     |          |      |       |        |       | 752      | -0.4   | -1.6   | 0.4    | -0.3  | -1.8  | 17.56  |       |
|      |     |     |          |      |       |        |       | 753      | -0.3   | -1.3   | 0.4    | -0.2  | -1.4  | 18.86  |       |
|      |     |     |          |      |       |        |       | 849      | -0.4   | -1.2   | 0.5    | -0.2  | -1.5  | 27.48  |       |
|      |     |     |          |      |       |        |       | 848      | -0.5   | -1.5   | 0.6    | -0.3  | -1.8  | 25.73  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.3   | -0.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 752      | -0.3   | -0.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 753      | -0.3   | -0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 849      | -0.3   | -0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 848      | -0.3   | -0.1   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 1071 | 1   | 1   | VERIFI-1 | Cent | -62.4 | -357.6 | -54.7 | -52.6    | -367.4 | -10.16 |        |       |       |        |       |
|      |     |     |          | 753  | -64.3 | -358.6 | -56.0 | -54.0    | -368.9 | -10.42 |        |       |       |        |       |
|      |     |     |          | 754  | -64.3 | -356.5 | -53.6 | -54.8    | -366.0 | -10.08 |        |       |       |        |       |
|      |     |     |          | 850  | -60.8 | -356.5 | -53.3 | -51.4    | -365.8 | -9.92  |        |       |       |        |       |
|      |     |     |          | 849  | -60.8 | -358.6 | -55.7 | -50.7    | -368.7 | -10.25 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 40.2   | 227.0  | 12.3   | 227.8 | 39.4  | 86.24  |       |
|      |     |     |          |      |       |        |       | 753      | 52.7   | 275.8  | 11.5   | 276.4 | 52.1  | 87.05  |       |
|      |     |     |          |      |       |        |       | 754      | 54.9   | 284.6  | 9.4    | 284.9 | 54.5  | 87.65  |       |
|      |     |     |          |      |       |        |       | 850      | 28.0   | 177.4  | 13.1   | 178.5 | 26.9  | 85.03  |       |
|      |     |     |          |      |       |        |       | 849      | 25.2   | 170.3  | 15.2   | 171.9 | 23.6  | 84.09  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -7.9   | 130.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 753      | -7.4   | 129.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 754      | -7.4   | 131.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 850      | -8.3   | 131.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 849      | -8.3   | 129.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -61.6  | -359.4 | 0.8   | -61.6 | -359.4 | 0.15  |
|      |     |     |          |      |       |        |       |          | 753    | -63.1  | -360.0 | -0.7  | -63.1 | -360.0 | -0.14 |
|      |     |     |          |      |       |        |       |          | 754    | -63.1  | -358.6 | 1.7   | -63.1 | -358.6 | 0.34  |
|      |     |     |          |      |       |        |       |          | 850    | -60.4  | -358.6 | 2.3   | -60.4 | -358.6 | 0.44  |
|      |     |     |          |      |       |        |       |          | 849    | -60.4  | -360.0 | -0.2  | -60.4 | -360.0 | -0.04 |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 753   |     |     |          |      |       |        |       |       |        |       |
| 754   |     |     |          |      |       |        |       |       |        |       |
| 850   |     |     |          |      |       |        |       |       |        |       |
| 849   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 753   |     |     |          |      |       |        |       |       |        |       |
| 754   |     |     |          |      |       |        |       |       |        |       |
| 850   |     |     |          |      |       |        |       |       |        |       |
| 849   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1072  | 1   | 1   | VERIFI-1 | Cent | -61.5 | -354.8 | -52.6 | -52.3 | -364.0 | -9.86 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 754   |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| 850   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 754   |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| 850   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 754   |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| 850   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -61.7 | -357.3 | 3.0   | -61.6 | -357.3 | 0.58  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 754  | -63.1 | -358.6 | 1.7   | -63.1 | -358.6 | 0.33  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 755  | -63.1 | -355.8 | 4.3   | -63.1 | -355.8 | 0.84  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 851  | -60.4 | -355.8 | 4.3   | -60.4 | -355.8 | 0.82  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 850  | -60.4 | -358.6 | 1.6   | -60.4 | -358.6 | 0.31  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 754   |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| 850   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 754   |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| 850   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1073  | 1   | 1   | VERIFI-1 | Cent | -59.9 | -350.7 | -49.9 | -51.6 | -359.0 | -9.46 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -60.7 | -353.3 | 5.5   | -60.6 | -353.4 | 1.08  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 755  | -62.3 | -355.6 | 4.2   | -62.3 | -355.6 | 0.82  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 756  | -62.3 | -350.9 | 7.3   | -62.2 | -351.1 | 1.44  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 852  | -59.2 | -350.9 | 6.9   | -59.1 | -351.1 | 1.35  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 851  | -59.2 | -355.6 | 3.8   | -59.2 | -355.6 | 0.74  |
| ----- |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 755   |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| 851   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1074  | 1   | 1   | VERIFI-1 | Cent | -58.1 | -344.3 | -46.3 | -50.8 | -351.6 | -8.97 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -59.2 | -347.0 | 8.8   | -58.9 | -347.3 | 1.75  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 756  | -61.2 | -350.7 | 7.0   | -61.0 | -350.8 | 1.39  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 757  | -61.2 | -343.2 | 10.9  | -60.8 | -343.6 | 2.20  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 853  | -57.4 | -343.2 | 10.6  | -57.0 | -343.6 | 2.12  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 852  | -57.4 | -350.7 | 6.7   | -57.2 | -350.8 | 1.32  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 756   |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| 852   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1075  | 1   | 1   | VERIFI-1 | Cent | -56.9 | -334.6 | -42.0 | -50.6 | -340.8 | -8.41 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 758   |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 758   |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 757   |     |     |          |      |       |        |       |       |        |       |
| 758   |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -57.9 | -337.3 | 12.9  | -57.3 | -337.9 | 2.64  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 757  | -60.3 | -343.0 | 10.2  | -60.0 | -343.3 | 2.07  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 758  | -60.3 | -331.4 | 15.2  | -59.5 | -332.2 | 3.21  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 854  | -55.8 | -331.4 | 15.6  | -54.9 | -332.2 | 3.22  |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 853  | -55.8 | -343.0 | 10.6  | -55.4 | -343.4 | 2.10  |
| ----- |     |     |          |      |       |        |       |       |        |       |



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|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -0.1   | -0.5  | 0.1    | -0.1  | -0.5  | 17.39  |       |
|      |     |     |          |      |       |        |       | 757      | -0.1   | -0.5  | 0.1    | -0.1  | -0.6  | 14.02  |       |
|      |     |     |          |      |       |        |       | 758      | -0.1   | -0.4  | 0.1    | -0.1  | -0.5  | 13.42  |       |
|      |     |     |          |      |       |        |       | 854      | -0.2   | -0.4  | 0.1    | -0.1  | -0.5  | 21.26  |       |
|      |     |     |          |      |       |        |       | 853      | -0.2   | -0.5  | 0.1    | -0.1  | -0.6  | 21.20  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.1   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 757      | -0.1   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 758      | -0.1   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 854      | -0.1   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 853      | -0.1   | 0.0   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1076 | 1   | 1   | VERIFI-1 | Cent | -57.2 | -320.7 | -37.5 | -52.0    | -326.0 | -7.94 |        |       |       |        |       |
|      |     |     |          | 758  | -60.1 | -328.9 | -41.1 | -54.0    | -335.0 | -8.49 |        |       |       |        |       |
|      |     |     |          | 759  | -60.1 | -312.3 | -35.2 | -55.3    | -317.1 | -7.79 |        |       |       |        |       |
|      |     |     |          | 855  | -54.8 | -312.3 | -33.8 | -50.5    | -316.6 | -7.37 |        |       |       |        |       |
|      |     |     |          | 854  | -54.8 | -328.9 | -39.7 | -49.2    | -334.6 | -8.08 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 47.4   | 244.1 | -1.3   | 244.1 | 47.4  | -89.62 |       |
|      |     |     |          |      |       |        |       | 758      | 58.8   | 297.7 | -0.9   | 297.7 | 58.8  | -89.77 |       |
|      |     |     |          |      |       |        |       | 759      | 59.1   | 297.4 | -1.5   | 297.4 | 59.1  | -89.63 |       |
|      |     |     |          |      |       |        |       | 855      | 36.7   | 190.8 | -1.6   | 190.8 | 36.7  | -89.41 |       |
|      |     |     |          |      |       |        |       | 854      | 35.1   | 190.4 | -1.0   | 190.4 | 35.1  | -89.63 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -1.3   | 129.1 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 758      | -0.5   | 129.6 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 759      | -0.5   | 128.7 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 855      | -2.2   | 128.7 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 854      | -2.2   | 129.6 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -58.0 | -323.3 | 17.3  | -56.9 | -324.4 | 3.71  |
|      |     |     |          |      |       |        |       |          | 758    | -60.5 | -331.5 | 13.9  | -59.8 | -332.2 | 2.94  |
|      |     |     |          |      |       |        |       |          | 759    | -60.5 | -314.8 | 19.7  | -59.0 | -316.3 | 4.40  |
|      |     |     |          |      |       |        |       |          | 855    | -55.9 | -314.8 | 20.6  | -54.3 | -316.4 | 4.52  |
|      |     |     |          |      |       |        |       |          | 854    | -55.9 | -331.5 | 14.8  | -55.1 | -332.3 | 3.07  |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -0.1   | -0.4  | 0.1    | -0.1  | -0.4  | 13.89  |       |
|      |     |     |          |      |       |        |       | 758      | -0.1   | -0.4  | 0.1    | -0.1  | -0.5  | 11.54  |       |
|      |     |     |          |      |       |        |       | 759      | -0.1   | -0.4  | 0.1    | -0.1  | -0.4  | 9.92   |       |
|      |     |     |          |      |       |        |       | 855      | -0.1   | -0.4  | 0.1    | -0.1  | -0.4  | 16.70  |       |
|      |     |     |          |      |       |        |       | 854      | -0.2   | -0.4  | 0.1    | -0.1  | -0.5  | 17.87  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.1   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 758      | -0.0   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 759      | -0.0   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 855      | -0.1   | 0.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 854      | -0.1   | 0.0   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1077 | 1   | 1   | VERIFI-1 | Cent | -60.5 | -302.9 | -34.6 | -55.6    | -307.7 | -7.97 |        |       |       |        |       |
|      |     |     |          | 759  | -62.1 | -312.9 | -37.2 | -56.7    | -318.3 | -8.25 |        |       |       |        |       |
|      |     |     |          | 760  | -62.1 | -292.5 | -33.0 | -57.4    | -297.2 | -8.00 |        |       |       |        |       |
|      |     |     |          | 856  | -59.4 | -292.5 | -32.1 | -55.1    | -296.8 | -7.69 |        |       |       |        |       |
|      |     |     |          | 855  | -59.4 | -312.9 | -36.2 | -54.3    | -318.0 | -7.96 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 48.5   | 243.8 | -2.1   | 243.9 | 48.4  | -89.40 |       |
|      |     |     |          |      |       |        |       | 759      | 59.2   | 297.4 | -1.8   | 297.4 | 59.1  | -89.57 |       |
|      |     |     |          |      |       |        |       | 760      | 59.5   | 296.6 | -1.9   | 296.6 | 59.5  | -89.53 |       |
|      |     |     |          |      |       |        |       | 856      | 38.5   | 190.6 | -2.3   | 190.6 | 38.4  | -89.13 |       |
|      |     |     |          |      |       |        |       | 855      | 36.7   | 190.8 | -2.1   | 190.9 | 36.7  | -89.21 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -1.0   | 127.8 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 759      | -0.0   | 128.1 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 760      | -0.0   | 127.5 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 856      | -2.0   | 127.5 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 855      | -2.0   | 128.1 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -60.8 | -305.1 | 20.1  | -59.1 | -306.8 | 4.68  |
|      |     |     |          |      |       |        |       |          | 759    | -62.2 | -315.4 | 17.8  | -61.0 | -316.6 | 4.00  |
|      |     |     |          |      |       |        |       |          | 760    | -62.2 | -294.6 | 21.9  | -60.2 | -296.7 | 5.35  |
|      |     |     |          |      |       |        |       |          | 856    | -59.8 | -294.6 | 22.5  | -57.7 | -296.8 | 5.42  |
|      |     |     |          |      |       |        |       |          | 855    | -59.8 | -315.4 | 18.3  | -58.5 | -316.7 | 4.08  |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|--------|-------|-------|--------|
|      |     |     |          |          |       |        |        | Cent  | -0.1   | -0.4   | 0.0    | -0.1  | -0.4  | 8.60   |
|      |     |     |          |          |       |        |        | 759   | -0.1   | -0.4   | 0.0    | -0.1  | -0.4  | 7.84   |
|      |     |     |          |          |       |        |        | 760   | -0.1   | -0.4   | 0.0    | -0.1  | -0.4  | 5.12   |
|      |     |     |          |          |       |        |        | 856   | -0.1   | -0.3   | 0.0    | -0.1  | -0.4  | 9.51   |
|      |     |     |          |          |       |        |        | 855   | -0.1   | -0.4   | 0.1    | -0.1  | -0.4  | 12.40  |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 759   | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 760   | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 856   | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 855   | -0.0   | 0.0    |        |       |       |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |       |       |        |
| 1078 | 1   | 1   | VERIFI-1 | Cent     | -66.6 | -283.5 | -36.2  | -60.8 | -289.4 | -9.22  |        |       |       |        |
|      |     |     |          | 760      | -65.5 | -293.1 | -35.3  | -60.1 | -298.4 | -8.62  |        |       |       |        |
|      |     |     |          | 700      | -65.5 | -274.1 | -36.7  | -59.2 | -280.3 | -9.70  |        |       |       |        |
|      |     |     |          | 702      | -67.6 | -274.1 | -37.0  | -61.1 | -280.5 | -9.87  |        |       |       |        |
|      |     |     |          | 856      | -67.6 | -293.1 | -35.6  | -62.1 | -298.6 | -8.76  |        |       |       |        |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |
|      |     |     |          |          |       |        |        | Cent  | 49.4   | 243.2  | -1.9   | 243.3 | 49.4  | -89.43 |
|      |     |     |          |          |       |        |        | 760   | 59.5   | 296.6  | -1.8   | 296.6 | 59.5  | -89.56 |
|      |     |     |          |          |       |        |        | 700   | 59.8   | 295.8  | -1.6   | 295.8 | 59.8  | -89.62 |
|      |     |     |          |          |       |        |        | 702   | 40.0   | 190.0  | -2.0   | 190.1 | 40.0  | -89.24 |
|      |     |     |          |          |       |        |        | 856   | 38.5   | 190.6  | -2.3   | 190.6 | 38.5  | -89.15 |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | -0.7   | 126.6  |        |       |       |        |
|      |     |     |          |          |       |        |        | 760   | 0.1    | 126.8  |        |       |       |        |
|      |     |     |          |          |       |        |        | 700   | 0.1    | 126.5  |        |       |       |        |
|      |     |     |          |          |       |        |        | 702   | -1.6   | 126.5  |        |       |       |        |
|      |     |     |          |          |       |        |        | 856   | -1.6   | 126.8  |        |       |       |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |       |       |        |
|      |     |     |          | VER.TR-1 | Cent  | -66.4  | -285.2 | 18.8  | -64.8  | -286.8 | 4.87   |       |       |        |
|      |     |     |          |          | 760   | -65.3  | -295.1 | 19.7  | -63.6  | -296.8 | 4.87   |       |       |        |
|      |     |     |          |          | 700   | -65.3  | -275.3 | 18.5  | -63.7  | -276.9 | 4.99   |       |       |        |
|      |     |     |          |          | 702   | -67.3  | -275.3 | 17.9  | -65.8  | -276.8 | 4.87   |       |       |        |
|      |     |     |          |          | 856   | -67.3  | -295.1 | 19.1  | -65.7  | -296.7 | 4.76   |       |       |        |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |
|      |     |     |          |          |       |        |        | Cent  | -0.1   | -0.4   | 0.0    | -0.1  | -0.4  | 1.60   |
|      |     |     |          |          |       |        |        | 760   | -0.1   | -0.4   | 0.0    | -0.1  | -0.4  | 2.87   |
|      |     |     |          |          |       |        |        | 700   | -0.1   | -0.4   | -0.0   | -0.1  | -0.4  | -0.51  |
|      |     |     |          |          |       |        |        | 702   | -0.1   | -0.3   | -0.0   | -0.1  | -0.3  | -0.02  |
|      |     |     |          |          |       |        |        | 856   | -0.1   | -0.3   | 0.0    | -0.1  | -0.3  | 4.18   |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 760   | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 700   | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 702   | -0.0   | 0.0    |        |       |       |        |
|      |     |     |          |          |       |        |        | 856   | -0.0   | 0.0    |        |       |       |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |        |       |       |        |
| 1079 | 1   | 1   | VERIFI-1 | Cent     | -1.7  | -300.1 | -47.6  | 5.7   | -307.5 | -8.85  |        |       |       |        |
|      |     |     |          | 841      | -2.1  | -281.6 | -44.0  | 4.7   | -288.3 | -8.74  |        |       |       |        |
|      |     |     |          | 842      | -2.1  | -317.5 | -60.7  | 9.2   | -328.8 | -10.53 |        |       |       |        |
|      |     |     |          | 762      | -3.2  | -317.5 | -51.2  | 4.9   | -325.6 | -9.02  |        |       |       |        |
|      |     |     |          | 761      | -3.2  | -281.6 | -34.5  | 1.0   | -285.8 | -6.96  |        |       |       |        |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |
|      |     |     |          |          |       |        |        | Cent  | 2.5    | 42.8   | 79.9   | 105.1 | -59.7 | 52.07  |
|      |     |     |          |          |       |        |        | 841   | 3.5    | 42.9   | 75.7   | 101.4 | -55.0 | 52.30  |
|      |     |     |          |          |       |        |        | 842   | 4.4    | 63.0   | 76.1   | 115.3 | -47.8 | 55.53  |
|      |     |     |          |          |       |        |        | 762   | -6.1   | 36.1   | 83.4   | 101.0 | -71.0 | 52.10  |
|      |     |     |          |          |       |        |        | 761   | 8.3    | 29.2   | 82.9   | 102.3 | -64.9 | 48.59  |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |        |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | 0.8    | 23.8   |        |       |       |        |
|      |     |     |          |          |       |        |        | 841   | -10.0  | 15.9   |        |       |       |        |
|      |     |     |          |          |       |        |        | 842   | -10.0  | 31.8   |        |       |       |        |
|      |     |     |          |          |       |        |        | 762   | 11.6   | 31.8   |        |       |       |        |
|      |     |     |          |          |       |        |        | 761   | 11.6   | 15.9   |        |       |       |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE  |       |       |        |
|      |     |     |          | VER.TR-1 | Cent  | -4.6   | -217.5 | -46.3 | 5.0    | -227.1 | -11.75 |       |       |        |
|      |     |     |          |          | 841   | -6.1   | -186.2 | -42.7 | 3.5    | -195.8 | -12.68 |       |       |        |
|      |     |     |          |          | 842   | -6.1   | -247.8 | -46.7 | 2.6    | -256.5 | -10.57 |       |       |        |
|      |     |     |          |          | 762   | -4.9   | -247.8 | -49.9 | 5.0    | -257.6 | -11.17 |       |       |        |
|      |     |     |          |          | 761   | -4.9   | -186.2 | -45.8 | 6.1    | -197.1 | -13.41 |       |       |        |

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|      |     |     |          |      |       |        | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|----------|-------|--------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        | Cent     | -3.2  | -5.5   | 3.7    | -0.5  | -8.2  | 36.32  |       |
|      |     |     |          |      |       |        | 841      | -4.1  | -7.2   | 3.7    | -1.6  | -9.7  | 33.87  |       |
|      |     |     |          |      |       |        | 842      | -2.0  | -6.5   | 3.4    | -0.2  | -8.3  | 28.54  |       |
|      |     |     |          |      |       |        | 762      | -2.6  | -3.8   | 3.6    | 0.5   | -6.9  | 40.35  |       |
|      |     |     |          |      |       |        | 761      | -4.1  | -4.6   | 3.9    | -0.5  | -8.3  | 43.08  |       |
|      |     |     |          |      |       |        | NODE     | Vxx   | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        | Cent     | -2.8  | -2.7   |        |       |       |        |       |
|      |     |     |          |      |       |        | 841      | -3.2  | -2.6   |        |       |       |        |       |
|      |     |     |          |      |       |        | 842      | -3.2  | -2.8   |        |       |       |        |       |
|      |     |     |          |      |       |        | 762      | -2.4  | -2.8   |        |       |       |        |       |
|      |     |     |          |      |       |        | 761      | -2.4  | -2.6   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy      | Fmax  | Fmin   | ANGLE  |       |       |        |       |
| 1080 | 1   | 1   | VERIFI-1 | Cent | -15.1 | -326.7 | -57.6    | -4.8  | -337.0 | -10.14 |       |       |        |       |
|      |     |     |          | 842  | -21.7 | -320.0 | -66.0    | -7.8  | -333.9 | -11.93 |       |       |        |       |
|      |     |     |          | 843  | -21.7 | -332.4 | -61.6    | -10.0 | -344.1 | -10.81 |       |       |        |       |
|      |     |     |          | 763  | -10.3 | -332.4 | -49.2    | -2.9  | -339.7 | -8.50  |       |       |        |       |
|      |     |     |          | 762  | -10.3 | -320.0 | -53.6    | -1.2  | -329.0 | -9.55  |       |       |        |       |
|      |     |     |          |      |       |        | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        | Cent     | -3.0  | 57.0   | 76.9   | 109.6 | -55.6 | 55.64  |       |
|      |     |     |          |      |       |        | 842      | 4.3   | 63.0   | 74.3   | 113.5 | -46.2 | 55.79  |       |
|      |     |     |          |      |       |        | 843      | 4.6   | 83.6   | 71.3   | 125.6 | -37.5 | 59.49  |       |
|      |     |     |          |      |       |        | 763      | -14.6 | 45.3   | 79.0   | 99.9  | -69.2 | 55.38  |       |
|      |     |     |          |      |       |        | 762      | -6.1  | 36.1   | 82.0   | 99.6  | -69.6 | 52.21  |       |
|      |     |     |          |      |       |        | NODE     | Vxx   | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        | Cent     | -3.4  | 43.3   |        |       |       |        |       |
|      |     |     |          |      |       |        | 842      | -9.7  | 36.5   |        |       |       |        |       |
|      |     |     |          |      |       |        | 843      | -9.7  | 50.1   |        |       |       |        |       |
|      |     |     |          |      |       |        | 763      | 2.8   | 50.1   |        |       |       |        |       |
|      |     |     |          |      |       |        | 762      | 2.8   | 36.5   |        |       |       |        |       |
|      |     |     |          |      |       |        | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        | VER.TR-1 | Cent  | -11.2  | -268.4 | -36.3 | -6.2  | -273.4 | -7.87 |
|      |     |     |          |      |       |        |          | 842   | -14.4  | -249.0 | -40.4 | -7.7  | -255.7 | -9.49 |
|      |     |     |          |      |       |        |          | 843   | -14.4  | -286.9 | -32.9 | -10.5 | -290.8 | -6.78 |
|      |     |     |          |      |       |        |          | 763   | -9.6   | -286.9 | -32.2 | -5.9  | -290.6 | -6.53 |
|      |     |     |          |      |       |        |          | 762   | -9.6   | -249.0 | -39.7 | -3.2  | -255.4 | -9.17 |
|      |     |     |          |      |       |        | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        | Cent     | -2.0  | -4.6   | 3.0    | -0.0  | -6.6  | 33.34  |       |
|      |     |     |          |      |       |        | 842      | -2.1  | -6.5   | 2.9    | -0.6  | -7.9  | 26.64  |       |
|      |     |     |          |      |       |        | 843      | -1.4  | -4.8   | 2.6    | 0.0   | -6.2  | 28.33  |       |
|      |     |     |          |      |       |        | 763      | -2.0  | -3.4   | 3.0    | 0.4   | -5.8  | 38.48  |       |
|      |     |     |          |      |       |        | 762      | -2.6  | -3.8   | 3.4    | 0.2   | -6.6  | 40.08  |       |
|      |     |     |          |      |       |        | NODE     | Vxx   | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        | Cent     | -1.5  | -2.0   |        |       |       |        |       |
|      |     |     |          |      |       |        | 842      | -1.5  | -2.7   |        |       |       |        |       |
|      |     |     |          |      |       |        | 843      | -1.5  | -1.2   |        |       |       |        |       |
|      |     |     |          |      |       |        | 763      | -1.4  | -1.2   |        |       |       |        |       |
|      |     |     |          |      |       |        | 762      | -1.4  | -2.7   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy      | Fmax  | Fmin   | ANGLE  |       |       |        |       |
| 1081 | 1   | 1   | VERIFI-1 | Cent | -28.1 | -335.9 | -54.1    | -18.9 | -345.1 | -9.68  |       |       |        |       |
|      |     |     |          | 843  | -32.8 | -334.4 | -62.3    | -20.4 | -346.8 | -11.23 |       |       |        |       |
|      |     |     |          | 844  | -32.8 | -336.7 | -56.4    | -22.6 | -346.8 | -10.18 |       |       |        |       |
|      |     |     |          | 764  | -24.5 | -336.7 | -45.8    | -18.0 | -343.3 | -8.18  |       |       |        |       |
|      |     |     |          | 763  | -24.5 | -334.4 | -51.8    | -16.1 | -342.8 | -9.24  |       |       |        |       |
|      |     |     |          |      |       |        | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        | Cent     | -5.3  | 71.7   | 69.3   | 112.5 | -46.0 | 59.54  |       |
|      |     |     |          |      |       |        | 843      | 4.5   | 83.6   | 67.7   | 122.4 | -34.3 | 60.16  |       |
|      |     |     |          |      |       |        | 844      | 6.2   | 103.4  | 63.2   | 134.6 | -24.9 | 63.78  |       |
|      |     |     |          |      |       |        | 764      | -17.2 | 54.7   | 70.4   | 97.8  | -60.3 | 58.52  |       |
|      |     |     |          |      |       |        | 763      | -14.6 | 45.3   | 74.9   | 96.0  | -65.3 | 55.90  |       |
|      |     |     |          |      |       |        | NODE     | Vxx   | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        | Cent     | -8.0  | 58.5   |        |       |       |        |       |
|      |     |     |          |      |       |        | 843      | -11.1 | 52.2   |        |       |       |        |       |
|      |     |     |          |      |       |        | 844      | -11.1 | 64.8   |        |       |       |        |       |
|      |     |     |          |      |       |        | 764      | -4.9  | 64.8   |        |       |       |        |       |
|      |     |     |          |      |       |        | 763      | -4.9  | 52.2   |        |       |       |        |       |
|      |     |     |          |      |       |        | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        | VER.TR-1 | Cent  | -21.3  | -299.2 | -22.4 | -19.5 | -301.0 | -4.57 |
|      |     |     |          |      |       |        |          | 843   | -22.4  | -288.4 | -27.4 | -19.6 | -291.2 | -5.83 |
|      |     |     |          |      |       |        |          | 844   | -22.4  | -309.4 | -20.3 | -20.9 | -310.8 | -4.03 |
|      |     |     |          |      |       |        |          | 764   | -21.2  | -309.4 | -17.3 | -20.2 | -310.4 | -3.42 |
|      |     |     |          |      |       |        |          | 763   | -21.2  | -288.4 | -24.4 | -19.0 | -290.6 | -5.18 |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 843   |     |     |          |      |       |        |       |       |        |       |
| 844   |     |     |          |      |       |        |       |       |        |       |
| 764   |     |     |          |      |       |        |       |       |        |       |
| 763   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 843   |     |     |          |      |       |        |       |       |        |       |
| 844   |     |     |          |      |       |        |       |       |        |       |
| 764   |     |     |          |      |       |        |       |       |        |       |
| 763   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1082  | 1   | 1   | VERIFI-1 | Cent | -38.7 | -337.8 | -49.6 | -30.7 | -345.8 | -9.17 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 844   |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| 764   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 844   |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| 764   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 844   |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| 764   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -31.9 | -316.7 | -11.6 | -31.4 | -317.1 | -2.32 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 844  | -30.7 | -311.2 | -16.0 | -29.8 | -312.1 | -3.25 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 845  | -30.7 | -321.7 | -11.5 | -30.3 | -322.2 | -2.25 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 765  | -33.6 | -321.7 | -7.2  | -33.5 | -321.9 | -1.43 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 764  | -33.6 | -311.2 | -11.7 | -33.2 | -311.7 | -2.40 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 844   |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| 764   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 844   |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| 764   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1083  | 1   | 1   | VERIFI-1 | Cent | -46.1 | -336.8 | -46.9 | -38.7 | -344.2 | -8.95 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 846   |     |     |          |      |       |        |       |       |        |       |
| 766   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 846   |     |     |          |      |       |        |       |       |        |       |
| 766   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 845   |     |     |          |      |       |        |       |       |        |       |
| 846   |     |     |          |      |       |        |       |       |        |       |
| 766   |     |     |          |      |       |        |       |       |        |       |
| 765   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -40.8 | -325.9 | -5.0  | -40.7 | -326.0 | -1.00 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 845  | -38.8 | -323.4 | -8.5  | -38.5 | -323.6 | -1.71 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 846  | -38.8 | -328.2 | -5.7  | -38.7 | -328.3 | -1.13 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 766  | -43.4 | -328.2 | -1.4  | -43.4 | -328.2 | -0.29 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 765  | -43.4 | -323.4 | -4.2  | -43.3 | -323.4 | -0.86 |
| ----- |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|----------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 845      |     |     |          |      |       |        |       |       |        |       |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| 765      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 845      |     |     |          |      |       |        |       |       |        |       |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| 765      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| 1084     | 1   | 1   | VERIFI-1 | Cent | -51.0 | -335.0 | -45.7 | -43.8 | -342.2 | -8.92 |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| VER.TR-1 |     |     |          | Cent | -47.6 | -330.5 | -1.4  | -47.6 | -330.5 | -0.29 |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 846      |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| 766      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| 1085     | 1   | 1   | VERIFI-1 | Cent | -53.8 | -333.3 | -45.2 | -46.7 | -340.4 | -8.96 |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 848      |     |     |          |      |       |        |       |       |        |       |
| 768      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 848      |     |     |          |      |       |        |       |       |        |       |
| 768      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 848      |     |     |          |      |       |        |       |       |        |       |
| 768      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| LC       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| VER.TR-1 |     |     |          | Cent | -52.3 | -332.3 | 0.2   | -52.3 | -332.3 | 0.05  |
| 847      |     |     |          |      |       |        |       |       |        |       |
| 848      |     |     |          |      |       |        |       |       |        |       |
| 768      |     |     |          |      |       |        |       |       |        |       |
| 767      |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|          |      |       |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|----------|------|-------|----------|------|-------|--------|-------|-------|--------|-------|
|          |      |       |          | Cent | -0.7  | -1.5   | 1.0   | -0.1  | -2.1   | 34.36 |
|          |      |       |          | 847  | -0.7  | -1.9   | 0.9   | -0.2  | -2.4   | 28.81 |
|          |      |       |          | 848  | -0.5  | -1.5   | 0.8   | -0.1  | -2.0   | 30.23 |
|          |      |       |          | 768  | -0.8  | -1.1   | 1.0   | 0.0   | -1.9   | 39.57 |
|          |      |       |          | 767  | -0.9  | -1.4   | 1.1   | -0.1  | -2.3   | 38.72 |
|          |      |       |          | NODE | Vxx   | Vyy    |       |       |        |       |
|          |      |       |          | Cent | -0.4  | -0.3   |       |       |        |       |
|          |      |       |          | 847  | -0.4  | -0.4   |       |       |        |       |
|          |      |       |          | 848  | -0.4  | -0.3   |       |       |        |       |
|          |      |       |          | 768  | -0.4  | -0.3   |       |       |        |       |
|          |      |       |          | 767  | -0.4  | -0.4   |       |       |        |       |
| ELEM     | MAT  | SEC   | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| 1086     | 1    | 1     | VERIFI-1 | Cent | -55.1 | -331.7 | -44.9 | -48.0 | -338.8 | -8.99 |
|          |      |       |          | 848  | -55.2 | -332.5 | -46.5 | -47.6 | -340.0 | -9.27 |
|          |      |       |          | 849  | -55.2 | -330.8 | -44.5 | -48.2 | -337.8 | -8.95 |
|          |      |       |          | 769  | -55.2 | -330.8 | -43.2 | -48.6 | -337.4 | -8.71 |
|          |      |       |          | 768  | -55.2 | -332.5 | -45.2 | -48.1 | -339.6 | -9.03 |
|          |      |       |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|          |      |       |          | Cent | 11.1  | 128.0  | 25.0  | 133.2 | 6.0    | 78.41 |
|          |      |       |          | 848  | 21.8  | 161.3  | 25.1  | 165.7 | 17.4   | 80.12 |
|          |      |       |          | 849  | 25.2  | 170.4  | 21.6  | 173.5 | 22.1   | 81.70 |
|          |      |       |          | 769  | 0.8   | 93.1   | 24.9  | 99.4  | -5.5   | 75.83 |
|          |      |       |          | 768  | -3.4  | 87.3   | 28.3  | 95.4  | -11.5  | 73.99 |
|          |      |       |          | NODE | Vxx   | Vyy    |       |       |        |       |
|          |      |       |          | Cent | -9.2  | 95.6   |       |       |        |       |
|          |      |       |          | 848  | -8.7  | 93.7   |       |       |        |       |
|          |      |       |          | 849  | -8.7  | 97.5   |       |       |        |       |
|          |      |       |          | 769  | -9.8  | 97.5   |       |       |        |       |
|          |      |       |          | 768  | -9.8  | 93.7   |       |       |        |       |
| LC       | NODE | Fxx   | Fyy      | Fxy  | Fmax  | Fmin   | ANGLE |       |        |       |
| VER.TR-1 | Cent | -55.1 | -332.6   | 1.0  | -55.1 | -332.6 | 0.20  |       |        |       |
|          | 848  | -53.4 | -332.8   | -0.5 | -53.4 | -332.8 | -0.11 |       |        |       |
|          | 849  | -53.4 | -332.2   | 1.1  | -53.4 | -332.2 | 0.22  |       |        |       |
|          | 769  | -57.1 | -332.2   | 2.5  | -57.1 | -332.2 | 0.52  |       |        |       |
|          | 768  | -57.1 | -332.8   | 0.9  | -57.1 | -332.8 | 0.19  |       |        |       |
|          |      |       |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|          |      |       |          | Cent | -0.6  | -1.2   | 0.8   | -0.1  | -1.7   | 34.38 |
|          |      |       |          | 848  | -0.5  | -1.5   | 0.7   | -0.1  | -1.9   | 28.84 |
|          |      |       |          | 849  | -0.4  | -1.2   | 0.6   | -0.1  | -1.6   | 30.15 |
|          |      |       |          | 769  | -0.6  | -0.9   | 0.8   | 0.0   | -1.5   | 39.58 |
|          |      |       |          | 768  | -0.8  | -1.1   | 0.9   | -0.1  | -1.8   | 38.84 |
|          |      |       |          | NODE | Vxx   | Vyy    |       |       |        |       |
|          |      |       |          | Cent | -0.3  | -0.2   |       |       |        |       |
|          |      |       |          | 848  | -0.3  | -0.3   |       |       |        |       |
|          |      |       |          | 849  | -0.3  | -0.2   |       |       |        |       |
|          |      |       |          | 769  | -0.3  | -0.2   |       |       |        |       |
|          |      |       |          | 768  | -0.3  | -0.3   |       |       |        |       |
| ELEM     | MAT  | SEC   | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| 1087     | 1    | 1     | VERIFI-1 | Cent | -55.2 | -330.0 | -44.3 | -48.2 | -337.0 | -8.93 |
|          |      |       |          | 849  | -55.2 | -330.8 | -45.4 | -47.9 | -338.1 | -9.13 |
|          |      |       |          | 850  | -55.2 | -329.1 | -43.4 | -48.5 | -335.8 | -8.79 |
|          |      |       |          | 770  | -55.4 | -329.1 | -43.1 | -48.7 | -335.8 | -8.75 |
|          |      |       |          | 769  | -55.4 | -330.8 | -45.2 | -48.1 | -338.0 | -9.09 |
|          |      |       |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|          |      |       |          | Cent | 14.6  | 134.7  | 18.6  | 137.6 | 11.8   | 81.38 |
|          |      |       |          | 849  | 25.2  | 170.4  | 18.8  | 172.8 | 22.8   | 82.75 |
|          |      |       |          | 850  | 28.0  | 177.4  | 15.8  | 179.1 | 26.3   | 84.02 |
|          |      |       |          | 770  | 4.4   | 98.0   | 18.4  | 101.5 | 0.9    | 79.25 |
|          |      |       |          | 769  | 0.8   | 93.1   | 21.4  | 97.8  | -3.9   | 77.57 |
|          |      |       |          | NODE | Vxx   | Vyy    |       |       |        |       |
|          |      |       |          | Cent | -7.6  | 98.2   |       |       |        |       |
|          |      |       |          | 849  | -7.1  | 96.9   |       |       |        |       |
|          |      |       |          | 850  | -7.1  | 99.6   |       |       |        |       |
|          |      |       |          | 770  | -8.2  | 99.6   |       |       |        |       |
|          |      |       |          | 769  | -8.2  | 96.9   |       |       |        |       |
| LC       | NODE | Fxx   | Fyy      | Fxy  | Fmax  | Fmin   | ANGLE |       |        |       |
| VER.TR-1 | Cent | -56.3 | -331.8   | 1.5  | -56.3 | -331.8 | 0.30  |       |        |       |
|          | 849  | -54.9 | -332.4   | 0.4  | -54.9 | -332.4 | 0.09  |       |        |       |
|          | 850  | -54.9 | -331.1   | 2.1  | -54.9 | -331.1 | 0.44  |       |        |       |
|          | 770  | -58.0 | -331.1   | 2.5  | -58.0 | -331.1 | 0.52  |       |        |       |
|          | 769  | -58.0 | -332.4   | 0.8  | -58.0 | -332.4 | 0.16  |       |        |       |

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|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
|      |     |     |          | Cent | -0.5  | -0.9   | 0.6   | -0.1  | -1.3   | 34.25 |
|      |     |     |          | 849  | -0.4  | -1.2   | 0.6   | -0.1  | -1.5   | 28.70 |
|      |     |     |          | 850  | -0.4  | -0.9   | 0.5   | -0.1  | -1.2   | 29.88 |
|      |     |     |          | 770  | -0.5  | -0.7   | 0.6   | -0.0  | -1.2   | 39.47 |
|      |     |     |          | 769  | -0.6  | -0.9   | 0.7   | -0.1  | -1.4   | 38.83 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
|      |     |     |          | Cent | -0.3  | -0.2   |       |       |        |       |
|      |     |     |          | 849  | -0.2  | -0.2   |       |       |        |       |
|      |     |     |          | 850  | -0.2  | -0.1   |       |       |        |       |
|      |     |     |          | 770  | -0.3  | -0.1   |       |       |        |       |
|      |     |     |          | 769  | -0.3  | -0.2   |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| 1088 | 1   | 1   | VERIFI-1 | Cent | -54.3 | -328.0 | -43.2 | -47.6 | -334.6 | -8.76 |
|      |     |     |          | 850  | -54.3 | -329.0 | -44.1 | -47.4 | -335.9 | -8.89 |
|      |     |     |          | 851  | -54.3 | -326.8 | -41.7 | -48.1 | -333.1 | -8.51 |
|      |     |     |          | 771  | -54.5 | -326.8 | -42.3 | -48.0 | -333.3 | -8.63 |
|      |     |     |          | 770  | -54.5 | -329.0 | -44.7 | -47.4 | -336.0 | -9.01 |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|      |     |     |          | Cent | 17.5  | 140.0  | 13.1  | 141.4 | 16.1   | 83.95 |
|      |     |     |          | 850  | 28.0  | 177.5  | 13.4  | 178.6 | 26.8   | 84.92 |
|      |     |     |          | 851  | 30.2  | 182.8  | 10.9  | 183.5 | 29.5   | 85.95 |
|      |     |     |          | 771  | 7.4   | 101.8  | 12.8  | 103.5 | 5.7    | 82.39 |
|      |     |     |          | 770  | 4.4   | 98.0   | 15.4  | 100.4 | 1.9    | 80.90 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
|      |     |     |          | Cent | -6.1  | 99.8   |       |       |        |       |
|      |     |     |          | 850  | -5.5  | 99.0   |       |       |        |       |
|      |     |     |          | 851  | -5.5  | 100.7  |       |       |        |       |
|      |     |     |          | 771  | -6.7  | 100.7  |       |       |        |       |
|      |     |     |          | 770  | -6.7  | 99.0   |       |       |        |       |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     | VER.TR-1 | Cent | -56.1 | -330.1 | 2.2   | -56.1 | -330.1 | 0.46  |
|      |     |     |          | 850  | -55.0 | -331.0 | 1.5   | -55.0 | -331.0 | 0.30  |
|      |     |     |          | 851  | -55.0 | -329.0 | 3.5   | -54.9 | -329.0 | 0.72  |
|      |     |     |          | 771  | -57.6 | -329.0 | 2.9   | -57.6 | -329.0 | 0.61  |
|      |     |     |          | 770  | -57.6 | -331.0 | 0.9   | -57.6 | -331.0 | 0.19  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|      |     |     |          | Cent | -0.4  | -0.8   | 0.5   | -0.1  | -1.1   | 33.92 |
|      |     |     |          | 850  | -0.4  | -0.9   | 0.4   | -0.1  | -1.2   | 28.36 |
|      |     |     |          | 851  | -0.3  | -0.8   | 0.4   | -0.1  | -1.0   | 29.37 |
|      |     |     |          | 771  | -0.4  | -0.6   | 0.5   | -0.0  | -1.0   | 39.23 |
|      |     |     |          | 770  | -0.5  | -0.7   | 0.5   | -0.1  | -1.1   | 38.67 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
|      |     |     |          | Cent | -0.2  | -0.1   |       |       |        |       |
|      |     |     |          | 850  | -0.2  | -0.2   |       |       |        |       |
|      |     |     |          | 851  | -0.2  | -0.1   |       |       |        |       |
|      |     |     |          | 771  | -0.2  | -0.1   |       |       |        |       |
|      |     |     |          | 770  | -0.2  | -0.2   |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| 1089 | 1   | 1   | VERIFI-1 | Cent | -52.5 | -324.9 | -41.2 | -46.5 | -331.0 | -8.41 |
|      |     |     |          | 851  | -52.7 | -326.5 | -42.0 | -46.4 | -332.8 | -8.54 |
|      |     |     |          | 852  | -52.7 | -323.2 | -39.2 | -47.2 | -328.8 | -8.07 |
|      |     |     |          | 772  | -52.6 | -323.2 | -40.3 | -46.7 | -329.1 | -8.29 |
|      |     |     |          | 771  | -52.6 | -326.5 | -43.2 | -45.9 | -333.2 | -8.75 |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|      |     |     |          | Cent | 20.0  | 144.0  | 8.4   | 144.6 | 19.4   | 86.13 |
|      |     |     |          | 851  | 30.2  | 182.8  | 8.8   | 183.3 | 29.7   | 86.71 |
|      |     |     |          | 852  | 32.0  | 186.6  | 6.6   | 186.9 | 31.8   | 87.55 |
|      |     |     |          | 772  | 10.1  | 104.8  | 8.1   | 105.4 | 9.4    | 85.17 |
|      |     |     |          | 771  | 7.5   | 101.8  | 10.2  | 102.9 | 6.4    | 83.89 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
|      |     |     |          | Cent | -4.8  | 100.7  |       |       |        |       |
|      |     |     |          | 851  | -4.3  | 100.2  |       |       |        |       |
|      |     |     |          | 852  | -4.3  | 101.2  |       |       |        |       |
|      |     |     |          | 772  | -5.4  | 101.2  |       |       |        |       |
|      |     |     |          | 771  | -5.4  | 100.2  |       |       |        |       |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     | VER.TR-1 | Cent | -54.8 | -327.1 | 3.7   | -54.8 | -327.2 | 0.77  |
|      |     |     |          | 851  | -54.0 | -328.7 | 3.0   | -53.9 | -328.7 | 0.63  |
|      |     |     |          | 852  | -54.0 | -325.4 | 5.6   | -53.9 | -325.5 | 1.18  |
|      |     |     |          | 772  | -55.9 | -325.4 | 4.3   | -55.9 | -325.4 | 0.92  |
|      |     |     |          | 771  | -55.9 | -328.7 | 1.7   | -55.9 | -328.7 | 0.37  |

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|  |  |  |  |  |  |  |  | NODE     | Mxx  | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|--|--|--|--|--|--|--|--|----------|------|-------|----------|-------|-------|--------|-------|-------|--------|-------|
|  |  |  |  |  |  |  |  | Cent     | -0.3 | -0.6  | 0.3      | -0.1  | -0.8  | 33.33  |       |       |        |       |
|  |  |  |  |  |  |  |  | 851      | -0.3 | -0.8  | 0.3      | -0.1  | -0.9  | 27.73  |       |       |        |       |
|  |  |  |  |  |  |  |  | 852      | -0.2 | -0.6  | 0.3      | -0.1  | -0.8  | 28.48  |       |       |        |       |
|  |  |  |  |  |  |  |  | 772      | -0.3 | -0.5  | 0.3      | -0.0  | -0.8  | 38.79  |       |       |        |       |
|  |  |  |  |  |  |  |  | 771      | -0.4 | -0.6  | 0.4      | -0.1  | -0.9  | 38.34  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx  | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -0.2 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 851      | -0.1 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 852      | -0.1 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 772      | -0.2 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 771      | -0.2 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT  | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1090     | 1    | 1     | VERIFI-1 | Cent  | -50.2 | -320.1 | -37.8 | -45.0 | -325.2 | -7.82 |
|  |  |  |  |  |  |  |  |          |      |       |          | 852   | -51.0 | -322.8 | -39.1 | -45.4 | -328.3 | -8.03 |
|  |  |  |  |  |  |  |  |          |      |       |          | 853   | -51.0 | -317.2 | -35.1 | -46.4 | -321.7 | -7.40 |
|  |  |  |  |  |  |  |  |          |      |       |          | 773   | -49.8 | -317.2 | -36.4 | -44.9 | -322.0 | -7.61 |
|  |  |  |  |  |  |  |  |          |      |       |          | 772   | -49.8 | -322.8 | -40.4 | -43.9 | -328.6 | -8.24 |
|  |  |  |  |  |  |  |  | NODE     | Mxx  | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 22.1 | 146.8 | 4.5      | 147.0 | 21.9  | 87.95  |       |       |        |       |
|  |  |  |  |  |  |  |  | 852      | 32.0 | 186.6 | 4.9      | 186.7 | 31.9  | 88.18  |       |       |        |       |
|  |  |  |  |  |  |  |  | 853      | 33.6 | 189.1 | 3.1      | 189.1 | 33.5  | 88.86  |       |       |        |       |
|  |  |  |  |  |  |  |  | 773      | 12.5 | 106.9 | 4.0      | 107.0 | 12.4  | 87.56  |       |       |        |       |
|  |  |  |  |  |  |  |  | 772      | 10.1 | 104.8 | 5.8      | 105.1 | 9.7   | 86.49  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx  | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -3.9 | 101.0 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 852      | -3.3 | 100.7 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 853      | -3.3 | 101.2 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 773      | -4.5 | 101.2 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 772      | -4.5 | 100.7 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent | -52.6 | -322.2   | 6.5   | -52.5 | -322.4 | 1.38  |       |        |       |
|  |  |  |  |  |  |  |  |          | 852  | -52.4 | -324.9   | 5.5   | -52.3 | -325.1 | 1.15  |       |        |       |
|  |  |  |  |  |  |  |  |          | 853  | -52.4 | -319.4   | 9.1   | -52.1 | -319.7 | 1.95  |       |        |       |
|  |  |  |  |  |  |  |  |          | 773  | -53.1 | -319.4   | 7.5   | -52.9 | -319.6 | 1.62  |       |        |       |
|  |  |  |  |  |  |  |  |          | 772  | -53.1 | -324.9   | 3.9   | -53.1 | -325.0 | 0.82  |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Mxx  | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -0.3 | -0.5  | 0.3      | -0.1  | -0.7  | 32.27  |       |       |        |       |
|  |  |  |  |  |  |  |  | 852      | -0.2 | -0.6  | 0.3      | -0.1  | -0.7  | 26.64  |       |       |        |       |
|  |  |  |  |  |  |  |  | 853      | -0.2 | -0.5  | 0.2      | -0.1  | -0.6  | 26.94  |       |       |        |       |
|  |  |  |  |  |  |  |  | 773      | -0.3 | -0.4  | 0.3      | -0.1  | -0.6  | 38.01  |       |       |        |       |
|  |  |  |  |  |  |  |  | 772      | -0.3 | -0.5  | 0.3      | -0.1  | -0.7  | 37.75  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx  | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -0.1 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 852      | -0.1 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 853      | -0.1 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 773      | -0.1 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 772      | -0.1 | -0.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT  | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1091     | 1    | 1     | VERIFI-1 | Cent  | -47.9 | -312.0 | -32.4 | -44.0 | -315.9 | -6.88 |
|  |  |  |  |  |  |  |  |          |      |       |          | 853   | -49.8 | -316.7 | -35.0 | -45.2 | -321.3 | -7.35 |
|  |  |  |  |  |  |  |  |          |      |       |          | 854   | -49.8 | -307.0 | -29.1 | -46.5 | -310.3 | -6.38 |
|  |  |  |  |  |  |  |  |          |      |       |          | 774   | -46.2 | -307.0 | -29.7 | -42.9 | -310.4 | -6.41 |
|  |  |  |  |  |  |  |  |          |      |       |          | 773   | -46.2 | -316.7 | -35.6 | -41.6 | -321.3 | -7.37 |
|  |  |  |  |  |  |  |  | NODE     | Mxx  | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 24.1 | 148.6 | 1.2      | 148.6 | 24.1  | 89.45  |       |       |        |       |
|  |  |  |  |  |  |  |  | 853      | 33.6 | 189.1 | 1.7      | 189.1 | 33.6  | 89.37  |       |       |        |       |
|  |  |  |  |  |  |  |  | 854      | 35.1 | 190.4 | 0.3      | 190.4 | 35.1  | 89.91  |       |       |        |       |
|  |  |  |  |  |  |  |  | 774      | 15.1 | 108.2 | 0.7      | 108.2 | 15.1  | 89.56  |       |       |        |       |
|  |  |  |  |  |  |  |  | 773      | 12.5 | 106.9 | 2.2      | 106.9 | 12.5  | 88.69  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx  | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -3.4 | 100.7 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 853      | -2.7 | 100.7 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 854      | -2.7 | 100.7 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 774      | -4.1 | 100.7 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 773      | -4.1 | 100.7 |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent | -50.1 | -314.2   | 11.3  | -49.6 | -314.7 | 2.44  |       |        |       |
|  |  |  |  |  |  |  |  |          | 853  | -51.2 | -318.9   | 9.1   | -50.9 | -319.2 | 1.94  |       |        |       |
|  |  |  |  |  |  |  |  |          | 854  | -51.2 | -309.3   | 14.6  | -50.3 | -310.1 | 3.23  |       |        |       |
|  |  |  |  |  |  |  |  |          | 774  | -49.4 | -309.3   | 13.5  | -48.7 | -310.0 | 2.97  |       |        |       |
|  |  |  |  |  |  |  |  |          | 773  | -49.4 | -318.9   | 8.0   | -49.2 | -319.1 | 1.69  |       |        |       |



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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| 773   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 853   |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| 773   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1092  | 1   | 1   | VERIFI-1 | Cent | -46.7 | -298.6 | -24.8 | -44.2 | -301.0 | -5.57 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -48.5 | -300.9 | 18.3  | -47.2 | -302.2 | 4.13  |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 854   |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| 774   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1093  | 1   | 1   | VERIFI-1 | Cent | -49.1 | -277.6 | -17.1 | -47.8 | -278.9 | -4.25 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 856   |     |     |          |      |       |        |       |       |        |       |
| 776   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 856   |     |     |          |      |       |        |       |       |        |       |
| 776   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 856   |     |     |          |      |       |        |       |       |        |       |
| 776   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -50.2 | -280.0 | 25.8  | -47.3 | -282.8 | 6.33  |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 855   |     |     |          |      |       |        |       |       |        |       |
| 856   |     |     |          |      |       |        |       |       |        |       |
| 776   |     |     |          |      |       |        |       |       |        |       |
| 775   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 855   |     |     |          |      |       |        |       |       |        |        |
| 856   |     |     |          |      |       |        |       |       |        |        |
| 776   |     |     |          |      |       |        |       |       |        |        |
| 775   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 855   |     |     |          |      |       |        |       |       |        |        |
| 856   |     |     |          |      |       |        |       |       |        |        |
| 776   |     |     |          |      |       |        |       |       |        |        |
| 775   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1094  | 1   | 1   | VERIFI-1 | Cent | -57.9 | -249.4 | -15.3 | -56.6 | -250.6 | -4.55  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 856   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| 690   |     |     |          |      |       |        |       |       |        |        |
| 776   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 856   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| 690   |     |     |          |      |       |        |       |       |        |        |
| 776   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 856   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| 690   |     |     |          |      |       |        |       |       |        |        |
| 776   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -57.9 | -251.4 | 27.8  | -54.0 | -255.3 | 8.01   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 856  | -60.2 | -267.5 | 25.6  | -57.1 | -270.6 | 6.94   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 702  | -60.2 | -235.2 | 26.4  | -56.3 | -239.1 | 8.40   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 690  | -55.8 | -235.2 | 29.9  | -50.9 | -240.1 | 9.22   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 776  | -55.8 | -267.5 | 29.1  | -51.9 | -271.4 | 7.68   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 856   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| 690   |     |     |          |      |       |        |       |       |        |        |
| 776   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 856   |     |     |          |      |       |        |       |       |        |        |
| 702   |     |     |          |      |       |        |       |       |        |        |
| 690   |     |     |          |      |       |        |       |       |        |        |
| 776   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1095  | 1   | 1   | VERIFI-1 | Cent | -66.8 | -334.6 | -75.3 | -47.0 | -354.3 | -14.67 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 857   |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 857   |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 857   |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -65.3 | -331.2 | -6.1  | -65.2 | -331.3 | -1.31  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 857  | -65.7 | -323.8 | -8.6  | -65.4 | -324.1 | -1.91  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 858  | -65.7 | -338.4 | -7.4  | -65.5 | -338.6 | -1.56  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 874  | -65.4 | -338.4 | -3.6  | -65.3 | -338.4 | -0.75  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 873  | -65.4 | -323.8 | -4.8  | -65.3 | -323.9 | -1.06  |
| ----- |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 857   |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 857   |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1096  | 1   | 1   | VERIFI-1 | Cent | -66.6 | -349.1 | -74.3 | -48.3 | -367.5 | -13.88 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -64.8 | -345.2 | -4.5  | -64.7 | -345.2 | -0.92  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 858   |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1097  | 1   | 1   | VERIFI-1 | Cent | -67.6 | -361.1 | -71.5 | -51.1 | -377.5 | -12.98 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 860   |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 860   |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 860   |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -65.2 | -356.6 | -0.7  | -65.2 | -356.6 | -0.14  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 859   |     |     |          |      |       |        |       |       |        |        |
| 860   |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|--------|--------|-------|--------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -0.2   | -0.9   | -0.1   | -0.2  | -0.9   | -8.38  |       |
|      |     |     |          |      |       |        |       | 859      | -0.2   | -0.8   | -0.0   | -0.1  | -0.8   | -4.23  |       |
|      |     |     |          |      |       |        |       | 860      | -0.2   | -1.0   | -0.1   | -0.2  | -1.0   | -4.36  |       |
|      |     |     |          |      |       |        |       | 876      | -0.3   | -1.0   | -0.2   | -0.2  | -1.1   | -11.48 |       |
|      |     |     |          |      |       |        |       | 875      | -0.2   | -0.8   | -0.1   | -0.2  | -0.8   | -12.96 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | Cent     | 0.2    | 0.1    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 859      | 0.2    | 0.1    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 860      | 0.2    | 0.1    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 876      | 0.2    | 0.1    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 875      | 0.2    | 0.1    |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |        |        |       |
| 1098 | 1   | 1   | VERIFI-1 | Cent | -69.0 | -369.7 | -67.8 | -54.4    | -384.3 | -12.13 |        |       |        |        |       |
|      |     |     |          | 860  | -73.5 | -366.2 | -69.9 | -57.6    | -382.0 | -12.77 |        |       |        |        |       |
|      |     |     |          | 861  | -73.5 | -373.0 | -66.0 | -59.6    | -386.9 | -11.89 |        |       |        |        |       |
|      |     |     |          | 877  | -64.9 | -373.0 | -65.6 | -51.5    | -386.4 | -11.53 |        |       |        |        |       |
|      |     |     |          | 876  | -64.9 | -366.2 | -69.6 | -49.6    | -381.5 | -12.40 |        |       |        |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 72.2   | 364.1  | -0.7   | 364.1 | 72.2   | -89.86 |       |
|      |     |     |          |      |       |        |       | 860      | 86.7   | 433.6  | -0.1   | 433.6 | 86.7   | -89.99 |       |
|      |     |     |          |      |       |        |       | 861      | 86.5   | 432.4  | -0.6   | 432.4 | 86.5   | -89.91 |       |
|      |     |     |          |      |       |        |       | 877      | 57.3   | 294.0  | -1.4   | 294.0 | 57.3   | -89.67 |       |
|      |     |     |          |      |       |        |       | 876      | 58.1   | 296.3  | -0.9   | 296.3 | 58.1   | -89.78 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | Cent     | 1.7    | 166.1  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 860      | 1.3    | 165.4  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 861      | 1.3    | 166.8  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 877      | 2.0    | 166.8  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 876      | 2.0    | 165.4  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -66.1  | -364.7 | 4.2   | -66.0  | -364.8 | 0.81  |
|      |     |     |          |      |       |        |       | 860      | -72.5  | -361.4 | 1.3    | -72.5 | -361.5 | 0.25   |       |
|      |     |     |          |      |       |        |       | 861      | -72.5  | -367.8 | 6.5    | -72.4 | -368.0 | 1.27   |       |
|      |     |     |          |      |       |        |       | 877      | -60.0  | -367.8 | 7.2    | -59.8 | -368.0 | 1.34   |       |
|      |     |     |          |      |       |        |       | 876      | -60.0  | -361.4 | 1.9    | -60.0 | -361.5 | 0.36   |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -0.3   | -1.2   | -0.1   | -0.2  | -1.2   | -8.67  |       |
|      |     |     |          |      |       |        |       | 860      | -0.2   | -1.0   | -0.1   | -0.2  | -1.0   | -4.40  |       |
|      |     |     |          |      |       |        |       | 861      | -0.3   | -1.3   | -0.1   | -0.3  | -1.3   | -4.44  |       |
|      |     |     |          |      |       |        |       | 877      | -0.3   | -1.3   | -0.2   | -0.3  | -1.4   | -11.93 |       |
|      |     |     |          |      |       |        |       | 876      | -0.3   | -1.0   | -0.2   | -0.2  | -1.1   | -13.56 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | Cent     | 0.3    | 0.1    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 860      | 0.3    | 0.1    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 861      | 0.3    | 0.0    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 877      | 0.3    | 0.0    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 876      | 0.3    | 0.1    |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |        |        |       |
| 1099 | 1   | 1   | VERIFI-1 | Cent | -70.3 | -375.3 | -64.1 | -57.4    | -388.3 | -11.39 |        |       |        |        |       |
|      |     |     |          | 861  | -74.8 | -373.2 | -66.0 | -60.8    | -387.1 | -11.93 |        |       |        |        |       |
|      |     |     |          | 862  | -74.8 | -377.3 | -62.3 | -62.4    | -389.6 | -11.19 |        |       |        |        |       |
|      |     |     |          | 878  | -66.2 | -377.3 | -62.1 | -54.2    | -389.3 | -10.89 |        |       |        |        |       |
|      |     |     |          | 877  | -66.2 | -373.2 | -65.8 | -52.6    | -386.7 | -11.60 |        |       |        |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 71.5   | 361.3  | -1.7   | 361.3 | 71.4   | -89.65 |       |
|      |     |     |          |      |       |        |       | 861      | 86.5   | 432.4  | -0.6   | 432.4 | 86.5   | -89.90 |       |
|      |     |     |          |      |       |        |       | 862      | 85.8   | 428.8  | -1.1   | 428.9 | 85.8   | -89.81 |       |
|      |     |     |          |      |       |        |       | 878      | 56.2   | 289.8  | -2.9   | 289.9 | 56.2   | -89.28 |       |
|      |     |     |          |      |       |        |       | 877      | 57.3   | 294.0  | -2.4   | 294.0 | 57.3   | -89.42 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |        |        |       |
|      |     |     |          |      |       |        |       | Cent     | 3.4    | 167.3  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 861      | 3.2    | 166.9  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 862      | 3.2    | 167.6  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 878      | 3.7    | 167.6  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | 877      | 3.7    | 166.9  |        |       |        |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -66.8  | -369.6 | 9.6   | -66.5  | -369.9 | 1.81  |
|      |     |     |          |      |       |        |       | 861      | -73.7  | -367.9 | 6.5    | -73.5 | -368.0 | 1.27   |       |
|      |     |     |          |      |       |        |       | 862      | -73.7  | -371.2 | 11.8   | -73.2 | -371.7 | 2.27   |       |
|      |     |     |          |      |       |        |       | 878      | -60.2  | -371.2 | 12.6   | -59.7 | -371.7 | 2.32   |       |
|      |     |     |          |      |       |        |       | 877      | -60.2  | -367.9 | 7.3    | -60.0 | -368.0 | 1.36   |       |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 861   |     |     |          |      |       |        |       |       |        |        |
| 862   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 861   |     |     |          |      |       |        |       |       |        |        |
| 862   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1100  | 1   | 1   | VERIFI-1 | Cent | -71.3 | -378.6 | -60.6 | -59.8 | -390.1 | -10.76 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 862   |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 862   |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 862   |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -67.0 | -371.6 | 15.1  | -66.3 | -372.4 | 2.83   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 862  | -74.2 | -371.1 | 11.8  | -73.7 | -371.6 | 2.28   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 863  | -74.2 | -372.0 | 17.1  | -73.2 | -373.0 | 3.28   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 879  | -60.0 | -372.0 | 18.3  | -58.9 | -373.1 | 3.35   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 878  | -60.0 | -371.1 | 13.0  | -59.5 | -371.7 | 2.40   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 862   |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 862   |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1101  | 1   | 1   | VERIFI-1 | Cent | -71.8 | -380.1 | -57.4 | -61.5 | -390.4 | -10.21 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 864   |     |     |          |      |       |        |       |       |        |        |
| 880   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 864   |     |     |          |      |       |        |       |       |        |        |
| 880   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 863   |     |     |          |      |       |        |       |       |        |        |
| 864   |     |     |          |      |       |        |       |       |        |        |
| 880   |     |     |          |      |       |        |       |       |        |        |
| 879   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -66.6 | -371.3 | 20.8  | -65.2 | -372.7 | 3.89   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 863  | -74.2 | -371.9 | 17.1  | -73.2 | -372.9 | 3.28   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 864  | -74.2 | -370.7 | 22.6  | -72.5 | -372.4 | 4.33   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 880  | -59.0 | -370.7 | 24.5  | -57.1 | -372.6 | 4.46   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 879  | -59.0 | -371.9 | 19.0  | -57.9 | -373.0 | 3.46   |
| ----- |     |     |          |      |       |        |       |       |        |        |

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|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|--------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -0.6   | -2.5   | -0.3   | -0.5  | -2.6  | -8.99  |       |
|      |     |     |          |      |       |        |       | 863      | -0.5   | -2.3   | -0.1   | -0.4  | -2.3  | -4.51  |       |
|      |     |     |          |      |       |        |       | 864      | -0.6   | -3.0   | -0.2   | -0.6  | -3.0  | -4.38  |       |
|      |     |     |          |      |       |        |       | 880      | -0.7   | -2.7   | -0.5   | -0.6  | -2.8  | -12.78 |       |
|      |     |     |          |      |       |        |       | 879      | -0.5   | -2.1   | -0.4   | -0.4  | -2.2  | -14.53 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 0.6    | -0.2   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 863      | 0.6    | -0.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 864      | 0.6    | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 880      | 0.6    | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 879      | 0.6    | -0.1   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 1102 | 1   | 1   | VERIFI-1 | Cent | -71.9 | -380.4 | -54.4 | -62.6    | -389.7 | -9.71  |        |       |       |        |       |
|      |     |     |          | 864  | -75.9 | -380.4 | -55.8 | -66.1    | -390.3 | -10.06 |        |       |       |        |       |
|      |     |     |          | 865  | -75.9 | -380.3 | -52.7 | -67.1    | -389.2 | -9.55  |        |       |       |        |       |
|      |     |     |          | 881  | -68.0 | -380.3 | -53.0 | -59.3    | -389.1 | -9.37  |        |       |       |        |       |
|      |     |     |          | 880  | -68.0 | -380.4 | -56.1 | -58.3    | -390.2 | -9.87  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 66.1   | 337.2  | -6.2   | 337.3 | 66.0  | -88.68 |       |
|      |     |     |          |      |       |        |       | 864      | 82.5   | 412.5  | -2.7   | 412.6 | 82.5  | -89.53 |       |
|      |     |     |          |      |       |        |       | 865      | 79.7   | 398.6  | -3.7   | 398.7 | 79.7  | -89.34 |       |
|      |     |     |          |      |       |        |       | 881      | 49.8   | 262.9  | -9.7   | 263.3 | 49.3  | -87.41 |       |
|      |     |     |          |      |       |        |       | 880      | 52.5   | 274.7  | -8.7   | 275.0 | 52.2  | -87.75 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 11.1   | 165.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 864      | 11.1   | 166.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 865      | 11.1   | 164.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 881      | 11.1   | 164.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 880      | 11.1   | 166.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -65.5  | -368.8 | 26.9  | -63.1 | -371.2 | 5.03  |
|      |     |     |          |      |       |        |       |          | 864    | -73.8  | -370.4 | 22.6  | -72.1 | -372.1 | 4.33  |
|      |     |     |          |      |       |        |       |          | 865    | -73.8  | -367.3 | 28.4  | -71.1 | -370.0 | 5.48  |
|      |     |     |          |      |       |        |       |          | 881    | -57.2  | -367.3 | 31.2  | -54.1 | -370.4 | 5.69  |
|      |     |     |          |      |       |        |       |          | 880    | -57.2  | -370.4 | 25.4  | -55.1 | -372.5 | 4.61  |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -0.7   | -3.2   | -0.4   | -0.7  | -3.3  | -8.95  |       |
|      |     |     |          |      |       |        |       | 864      | -0.6   | -3.0   | -0.2   | -0.6  | -3.0  | -4.47  |       |
|      |     |     |          |      |       |        |       | 865      | -0.8   | -3.9   | -0.2   | -0.8  | -3.9  | -4.28  |       |
|      |     |     |          |      |       |        |       | 881      | -0.8   | -3.4   | -0.6   | -0.7  | -3.5  | -12.94 |       |
|      |     |     |          |      |       |        |       | 880      | -0.7   | -2.7   | -0.6   | -0.5  | -2.8  | -14.68 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 0.7    | -0.4   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 864      | 0.7    | -0.3   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 865      | 0.7    | -0.6   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 881      | 0.7    | -0.6   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 880      | 0.7    | -0.3   |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE  |        |       |       |        |       |
| 1103 | 1   | 1   | VERIFI-1 | Cent | -71.6 | -379.9 | -51.3 | -63.3    | -388.2 | -9.21  |        |       |       |        |       |
|      |     |     |          | 865  | -75.9 | -380.2 | -52.7 | -67.0    | -389.1 | -9.54  |        |       |       |        |       |
|      |     |     |          | 866  | -75.9 | -379.5 | -49.5 | -68.0    | -387.3 | -9.03  |        |       |       |        |       |
|      |     |     |          | 882  | -67.5 | -379.5 | -50.0 | -59.7    | -387.3 | -8.88  |        |       |       |        |       |
|      |     |     |          | 881  | -67.5 | -380.2 | -53.2 | -58.7    | -389.0 | -9.39  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy    | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 62.9   | 322.3  | -8.3   | 322.6 | 62.7  | -88.17 |       |
|      |     |     |          |      |       |        |       | 865      | 79.7   | 398.6  | -3.7   | 398.7 | 79.7  | -89.33 |       |
|      |     |     |          |      |       |        |       | 866      | 76.0   | 379.9  | -4.8   | 380.0 | 75.9  | -89.10 |       |
|      |     |     |          |      |       |        |       | 882      | 46.4   | 247.9  | -12.7  | 248.7 | 45.6  | -86.41 |       |
|      |     |     |          |      |       |        |       | 881      | 49.7   | 262.9  | -11.6  | 263.5 | 49.1  | -86.89 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy    |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 14.5   | 162.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 865      | 14.8   | 164.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 866      | 14.8   | 159.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 882      | 14.3   | 159.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 881      | 14.3   | 164.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -63.7  | -364.3 | 33.7  | -60.0 | -368.0 | 6.31  |
|      |     |     |          |      |       |        |       |          | 865    | -73.0  | -366.9 | 28.4  | -70.3 | -369.6 | 5.47  |
|      |     |     |          |      |       |        |       |          | 866    | -73.0  | -361.7 | 34.7  | -68.9 | -365.9 | 6.76  |
|      |     |     |          |      |       |        |       |          | 882    | -54.4  | -361.7 | 38.9  | -49.5 | -366.6 | 7.10  |
|      |     |     |          |      |       |        |       |          | 881    | -54.4  | -366.9 | 32.6  | -51.0 | -370.2 | 5.89  |

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| NODE | Mxx  | Myy  | Mxy  | Mmax | Mmin | ANGLE  |
|------|------|------|------|------|------|--------|
| Cent | -0.9 | -4.2 | -0.5 | -0.8 | -4.2 | -8.84  |
| 865  | -0.8 | -3.9 | -0.2 | -0.8 | -3.9 | -4.38  |
| 866  | -1.0 | -5.1 | -0.3 | -1.0 | -5.2 | -4.14  |
| 882  | -1.0 | -4.2 | -0.8 | -0.8 | -4.4 | -13.01 |
| 881  | -0.8 | -3.4 | -0.7 | -0.6 | -3.6 | -14.72 |

| NODE | Vxx | Vyy  |
|------|-----|------|
| Cent | 0.9 | -0.8 |
| 865  | 0.9 | -0.6 |
| 866  | 0.9 | -1.1 |
| 882  | 0.8 | -1.1 |
| 881  | 0.8 | -0.6 |

| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| 1104 | 1   | 1   | VERIFI-1 | Cent | -71.0 | -378.7 | -48.1 | -63.6 | -386.1 | -8.68 |
|      |     |     |          | 866  | -75.6 | -379.3 | -49.5 | -67.8 | -387.2 | -9.02 |
|      |     |     |          | 867  | -75.6 | -378.0 | -46.0 | -68.8 | -384.9 | -8.46 |
|      |     |     |          | 883  | -66.4 | -378.0 | -46.7 | -59.6 | -384.9 | -8.34 |
|      |     |     |          | 882  | -66.4 | -379.3 | -50.2 | -58.6 | -387.2 | -8.89 |

| NODE | Mxx  | Myy   | Mxy   | Mmax  | Mmin | ANGLE  |
|------|------|-------|-------|-------|------|--------|
| Cent | 59.0 | 303.2 | -10.6 | 303.7 | 58.5 | -87.52 |
| 866  | 76.0 | 379.9 | -4.9  | 380.0 | 75.9 | -89.08 |
| 867  | 71.1 | 355.6 | -6.1  | 355.8 | 71.0 | -88.78 |
| 883  | 42.4 | 229.5 | -16.1 | 230.9 | 41.0 | -85.12 |
| 882  | 46.3 | 247.9 | -14.9 | 249.0 | 45.2 | -85.80 |

| NODE | Vxx  | Vyy   |
|------|------|-------|
| Cent | 18.2 | 156.5 |
| 866  | 18.9 | 160.0 |
| 867  | 18.9 | 153.0 |
| 883  | 17.6 | 153.0 |
| 882  | 17.6 | 160.0 |

| LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
|----------|------|-------|--------|------|-------|--------|-------|
| VER.TR-1 | Cent | -61.3 | -357.3 | 41.3 | -55.7 | -363.0 | 7.79  |
|          | 866  | -71.7 | -361.2 | 34.7 | -67.6 | -365.3 | 6.75  |
|          | 867  | -71.7 | -353.6 | 41.7 | -65.7 | -359.6 | 8.23  |
|          | 883  | -50.7 | -353.6 | 47.8 | -43.4 | -361.0 | 8.76  |
|          | 882  | -50.7 | -361.2 | 40.9 | -45.4 | -366.5 | 7.37  |

| NODE | Mxx  | Myy  | Mxy  | Mmax | Mmin | ANGLE  |
|------|------|------|------|------|------|--------|
| Cent | -1.1 | -5.3 | -0.6 | -1.0 | -5.4 | -8.61  |
| 866  | -1.0 | -5.1 | -0.3 | -1.0 | -5.2 | -4.25  |
| 867  | -1.3 | -6.7 | -0.4 | -1.3 | -6.7 | -3.94  |
| 883  | -1.2 | -5.1 | -1.0 | -1.0 | -5.3 | -12.94 |
| 882  | -1.0 | -4.2 | -0.9 | -0.8 | -4.4 | -14.60 |

| NODE | Vxx | Vyy  |
|------|-----|------|
| Cent | 1.1 | -1.4 |
| 866  | 1.1 | -1.0 |
| 867  | 1.1 | -1.8 |
| 883  | 1.0 | -1.8 |
| 882  | 1.0 | -1.0 |

| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| 1105 | 1   | 1   | VERIFI-1 | Cent | -70.0 | -377.0 | -44.5 | -63.7 | -383.3 | -8.08 |
|      |     |     |          | 867  | -75.3 | -377.9 | -46.0 | -68.4 | -384.7 | -8.45 |
|      |     |     |          | 868  | -75.3 | -376.1 | -42.1 | -69.5 | -381.9 | -7.81 |
|      |     |     |          | 884  | -64.9 | -376.1 | -43.0 | -59.1 | -381.9 | -7.72 |
|      |     |     |          | 883  | -64.9 | -377.9 | -46.9 | -58.0 | -384.7 | -8.34 |

| NODE | Mxx  | Myy   | Mxy   | Mmax  | Mmin | ANGLE  |
|------|------|-------|-------|-------|------|--------|
| Cent | 54.2 | 279.5 | -13.1 | 280.3 | 53.4 | -86.69 |
| 867  | 71.1 | 355.6 | -6.2  | 355.8 | 71.0 | -88.76 |
| 868  | 65.1 | 325.4 | -7.4  | 325.6 | 64.9 | -88.37 |
| 884  | 38.1 | 207.6 | -19.7 | 209.9 | 35.9 | -83.47 |
| 883  | 42.4 | 229.5 | -18.4 | 231.3 | 40.6 | -84.42 |

| NODE | Vxx  | Vyy   |
|------|------|-------|
| Cent | 22.0 | 148.0 |
| 867  | 23.3 | 153.1 |
| 868  | 23.3 | 143.0 |
| 884  | 20.8 | 143.0 |
| 883  | 20.8 | 153.1 |

| LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
|----------|------|-------|--------|------|-------|--------|-------|
| VER.TR-1 | Cent | -58.4 | -347.6 | 49.8 | -50.1 | -355.9 | 9.51  |
|          | 867  | -69.9 | -352.9 | 41.7 | -63.9 | -358.9 | 8.20  |
|          | 868  | -69.9 | -342.4 | 49.1 | -61.3 | -351.0 | 9.92  |
|          | 884  | -46.6 | -342.4 | 58.0 | -35.7 | -353.3 | 10.71 |
|          | 883  | -46.6 | -352.9 | 50.5 | -38.5 | -361.1 | 9.13  |

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|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
|      |     |     |          | Cent | -1.4  | -6.6   | -0.8  | -1.3  | -6.7   | -8.20  |
|      |     |     |          | 867  | -1.3  | -6.7   | -0.4  | -1.3  | -6.7   | -4.05  |
|      |     |     |          | 868  | -1.7  | -8.6   | -0.4  | -1.7  | -8.6   | -3.64  |
|      |     |     |          | 884  | -1.4  | -6.2   | -1.1  | -1.1  | -6.4   | -12.59 |
|      |     |     |          | 883  | -1.2  | -5.1   | -1.1  | -0.9  | -5.4   | -14.24 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 1.2   | -2.3   |       |       |        |        |
|      |     |     |          | 867  | 1.4   | -1.8   |       |       |        |        |
|      |     |     |          | 868  | 1.4   | -2.8   |       |       |        |        |
|      |     |     |          | 884  | 1.1   | -2.8   |       |       |        |        |
|      |     |     |          | 883  | 1.1   | -1.8   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1106 | 1   | 1   | VERIFI-1 | Cent | -68.9 | -374.8 | -40.5 | -63.7 | -380.1 | -7.41  |
|      |     |     |          | 868  | -74.8 | -375.9 | -42.1 | -69.0 | -381.7 | -7.81  |
|      |     |     |          | 869  | -74.8 | -373.7 | -37.6 | -70.1 | -378.4 | -7.07  |
|      |     |     |          | 885  | -63.2 | -373.7 | -38.9 | -58.4 | -378.5 | -7.04  |
|      |     |     |          | 884  | -63.2 | -375.9 | -43.4 | -57.3 | -381.8 | -7.75  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 48.8  | 251.2  | -15.5 | 252.4 | 47.6   | -85.66 |
|      |     |     |          | 868  | 65.1  | 325.4  | -7.5  | 325.6 | 64.9   | -88.35 |
|      |     |     |          | 869  | 57.9  | 289.3  | -8.6  | 289.6 | 57.5   | -87.88 |
|      |     |     |          | 885  | 34.0  | 182.6  | -23.0 | 186.1 | 30.5   | -81.41 |
|      |     |     |          | 884  | 38.1  | 207.6  | -21.9 | 210.4 | 35.3   | -82.75 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 25.3  | 136.1  |       |       |        |        |
|      |     |     |          | 868  | 27.4  | 142.7  |       |       |        |        |
|      |     |     |          | 869  | 27.4  | 129.5  |       |       |        |        |
|      |     |     |          | 885  | 23.1  | 129.5  |       |       |        |        |
|      |     |     |          | 884  | 23.1  | 142.7  |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -55.3 | -334.3 | 59.2  | -43.3 | -346.4 | 11.50  |
|      |     |     |          | 868  | -67.4 | -341.6 | 49.1  | -58.9 | -350.1 | 9.86   |
|      |     |     |          | 869  | -67.4 | -327.4 | 56.7  | -55.6 | -339.2 | 11.79  |
|      |     |     |          | 885  | -42.7 | -327.4 | 69.3  | -26.7 | -343.4 | 12.98  |
|      |     |     |          | 884  | -42.7 | -341.6 | 61.7  | -30.5 | -353.8 | 11.22  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -1.7  | -8.1   | -0.9  | -1.6  | -8.3   | -7.50  |
|      |     |     |          | 868  | -1.7  | -8.6   | -0.5  | -1.7  | -8.6   | -3.76  |
|      |     |     |          | 869  | -2.1  | -10.7  | -0.5  | -2.1  | -10.8  | -3.20  |
|      |     |     |          | 885  | -1.5  | -7.2   | -1.2  | -1.2  | -7.4   | -11.73 |
|      |     |     |          | 884  | -1.4  | -6.1   | -1.2  | -1.1  | -6.4   | -13.39 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 1.3   | -3.5   |       |       |        |        |
|      |     |     |          | 868  | 1.5   | -2.8   |       |       |        |        |
|      |     |     |          | 869  | 1.5   | -4.2   |       |       |        |        |
|      |     |     |          | 885  | 1.0   | -4.2   |       |       |        |        |
|      |     |     |          | 884  | 1.0   | -2.8   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1107 | 1   | 1   | VERIFI-1 | Cent | -67.9 | -372.5 | -36.2 | -63.6 | -376.8 | -6.69  |
|      |     |     |          | 869  | -74.3 | -373.5 | -37.6 | -69.6 | -378.2 | -7.06  |
|      |     |     |          | 870  | -74.3 | -371.4 | -32.7 | -70.7 | -375.0 | -6.20  |
|      |     |     |          | 886  | -61.6 | -371.4 | -34.8 | -57.8 | -375.3 | -6.33  |
|      |     |     |          | 885  | -61.6 | -373.5 | -39.8 | -56.7 | -378.5 | -7.15  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 43.1  | 219.2  | -17.2 | 220.8 | 41.5   | -84.49 |
|      |     |     |          | 869  | 57.9  | 289.3  | -8.7  | 289.6 | 57.5   | -87.86 |
|      |     |     |          | 870  | 49.9  | 249.3  | -9.2  | 249.7 | 49.4   | -87.37 |
|      |     |     |          | 886  | 30.7  | 155.4  | -25.1 | 160.3 | 25.9   | -79.04 |
|      |     |     |          | 885  | 34.0  | 182.7  | -24.6 | 186.6 | 30.1   | -80.85 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 27.1  | 121.0  |       |       |        |        |
|      |     |     |          | 869  | 30.4  | 128.7  |       |       |        |        |
|      |     |     |          | 870  | 30.4  | 113.3  |       |       |        |        |
|      |     |     |          | 886  | 23.8  | 113.3  |       |       |        |        |
|      |     |     |          | 885  | 23.8  | 128.7  |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -52.6 | -317.2 | 68.9  | -35.7 | -334.0 | 13.76  |
|      |     |     |          | 869  | -64.4 | -326.6 | 56.7  | -52.6 | -338.3 | 11.70  |
|      |     |     |          | 870  | -64.4 | -308.2 | 63.4  | -48.9 | -323.8 | 13.74  |
|      |     |     |          | 886  | -40.1 | -308.2 | 81.1  | -17.4 | -330.9 | 15.59  |
|      |     |     |          | 885  | -40.1 | -326.6 | 74.4  | -21.9 | -344.8 | 13.73  |



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|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|----------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 869      |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| 885      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 869      |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| 885      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| 1108     | 1   | 1   | VERIFI-1 | Cent | -67.2 | -371.3 | -32.1 | -63.8 | -374.7 | -5.96 |
| -----    |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     | LC       | Cent | -51.5 | -295.5 | 77.9  | -28.8 | -318.3 | 16.28 |
| -----    |     |     |          |      |       |        |       |       |        |       |
| VER.TR-1 |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 870      |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| 886      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| ELEM     | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| 1109     | 1   | 1   | VERIFI-1 | Cent | -66.7 | -374.8 | -28.8 | -64.0 | -377.5 | -5.29 |
| -----    |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 872      |     |     |          |      |       |        |       |       |        |       |
| 888      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 872      |     |     |          |      |       |        |       |       |        |       |
| 888      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
| Cent     |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 872      |     |     |          |      |       |        |       |       |        |       |
| 888      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| -----    |     |     |          |      |       |        |       |       |        |       |
|          |     |     | LC       | Cent | -54.8 | -269.1 | 84.3  | -25.6 | -298.3 | 19.10 |
| -----    |     |     |          |      |       |        |       |       |        |       |
| VER.TR-1 |     |     |          |      |       |        |       |       |        |       |
| 871      |     |     |          |      |       |        |       |       |        |       |
| 872      |     |     |          |      |       |        |       |       |        |       |
| 888      |     |     |          |      |       |        |       |       |        |       |
| 887      |     |     |          |      |       |        |       |       |        |       |
| -----    |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 871   |     |     |          |      |       |        |       |       |        |        |
| 872   |     |     |          |      |       |        |       |       |        |        |
| 888   |     |     |          |      |       |        |       |       |        |        |
| 887   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 871   |     |     |          |      |       |        |       |       |        |        |
| 872   |     |     |          |      |       |        |       |       |        |        |
| 888   |     |     |          |      |       |        |       |       |        |        |
| 887   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1110  | 1   | 1   | VERIFI-1 | Cent | -65.3 | -397.5 | -28.9 | -62.8 | -400.0 | -4.93  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 872   |     |     |          |      |       |        |       |       |        |        |
| 572   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 888   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 872   |     |     |          |      |       |        |       |       |        |        |
| 572   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 888   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 872   |     |     |          |      |       |        |       |       |        |        |
| 572   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 888   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -68.5 | -231.2 | 87.2  | -30.7 | -269.0 | 23.49  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 872  | -56.7 | -254.7 | 62.0  | -38.9 | -272.5 | 16.03  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 572  | -56.7 | -213.1 | 35.6  | -49.0 | -220.8 | 12.25  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 727  | -71.5 | -213.1 | 112.3 | -9.5  | -275.0 | 28.89  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 888  | -71.5 | -254.7 | 138.7 | 3.2   | -329.3 | 28.28  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 872   |     |     |          |      |       |        |       |       |        |        |
| 572   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 888   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 872   |     |     |          |      |       |        |       |       |        |        |
| 572   |     |     |          |      |       |        |       |       |        |        |
| 727   |     |     |          |      |       |        |       |       |        |        |
| 888   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1207  | 1   | 1   | VERIFI-1 | Cent | -60.4 | -305.9 | -66.2 | -43.6 | -322.7 | -14.17 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 873   |     |     |          |      |       |        |       |       |        |        |
| 874   |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -57.4 | -303.1 | -10.3 | -56.9 | -303.6 | -2.39  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 873  | -59.7 | -292.9 | -11.7 | -59.1 | -293.5 | -2.87  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 874  | -59.7 | -313.1 | -7.0  | -59.5 | -313.3 | -1.57  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 970  | -55.5 | -313.1 | -8.9  | -55.2 | -313.4 | -1.97  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 969  | -55.5 | -292.9 | -13.6 | -54.7 | -293.7 | -3.27  |
| ----- |     |     |          |      |       |        |       |       |        |        |

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|          |      |       |          |       |       |        | NODE  | Mxx   | Myy    | Mxy    | Mmax  | Mmin | ANGLE  |
|----------|------|-------|----------|-------|-------|--------|-------|-------|--------|--------|-------|------|--------|
|          |      |       |          |       |       |        | Cent  | -0.2  | -0.6   | -0.2   | -0.1  | -0.6 | -20.18 |
|          |      |       |          |       |       |        | 873   | -0.1  | -0.5   | -0.1   | -0.1  | -0.6 | -16.18 |
|          |      |       |          |       |       |        | 874   | -0.2  | -0.7   | -0.2   | -0.1  | -0.7 | -16.03 |
|          |      |       |          |       |       |        | 970   | -0.2  | -0.6   | -0.2   | -0.1  | -0.7 | -24.08 |
|          |      |       |          |       |       |        | 969   | -0.2  | -0.5   | -0.2   | -0.1  | -0.6 | -24.68 |
|          |      |       |          |       |       |        | NODE  | Vxx   | Vyy    |        |       |      |        |
|          |      |       |          |       |       |        | Cent  | 0.1   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 873   | 0.1   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 874   | 0.1   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 970   | 0.1   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 969   | 0.1   | -0.0   |        |       |      |        |
| ELEM     | MAT  | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |       |      |        |
| 1208     | 1    | 1     | VERIFI-1 | Cent  | -57.2 | -323.4 | -63.0 | -43.0 | -337.6 | -12.67 |       |      |        |
|          |      |       |          | 874   | -59.9 | -315.3 | -65.3 | -44.2 | -331.0 | -13.53 |       |      |        |
|          |      |       |          | 875   | -59.9 | -331.3 | -59.4 | -47.4 | -343.7 | -11.82 |       |      |        |
|          |      |       |          | 971   | -55.0 | -331.3 | -60.8 | -42.2 | -344.1 | -11.88 |       |      |        |
|          |      |       |          | 970   | -55.0 | -315.3 | -66.6 | -38.9 | -331.4 | -13.56 |       |      |        |
|          |      |       |          |       |       |        | NODE  | Mxx   | Myy    | Mxy    | Mmax  | Mmin | ANGLE  |
|          |      |       |          |       |       |        | Cent  | 47.3  | 243.8  | 1.1    | 243.8 | 47.3 | 89.68  |
|          |      |       |          |       |       |        | 874   | 59.0  | 297.1  | 1.4    | 297.1 | 59.0 | 89.67  |
|          |      |       |          |       |       |        | 875   | 58.6  | 297.2  | 0.8    | 297.2 | 58.6 | 89.82  |
|          |      |       |          |       |       |        | 971   | 35.0  | 190.1  | 0.8    | 190.1 | 35.0 | 89.71  |
|          |      |       |          |       |       |        | 970   | 36.6  | 190.6  | 1.4    | 190.6 | 36.6 | 89.48  |
|          |      |       |          |       |       |        | NODE  | Vxx   | Vyy    |        |       |      |        |
|          |      |       |          |       |       |        | Cent  | 1.4   | 129.0  |        |       |      |        |
|          |      |       |          |       |       |        | 874   | 0.5   | 128.6  |        |       |      |        |
|          |      |       |          |       |       |        | 875   | 0.5   | 129.4  |        |       |      |        |
|          |      |       |          |       |       |        | 971   | 2.3   | 129.4  |        |       |      |        |
|          |      |       |          |       |       |        | 970   | 2.3   | 128.6  |        |       |      |        |
| LC       | NODE | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |        |       |      |        |
| VER.TR-1 | Cent | -53.2 | -320.4   | -6.5  | -53.1 | -320.5 | -1.40 |       |        |        |       |      |        |
|          | 874  | -57.0 | -312.2   | -8.7  | -56.7 | -312.5 | -1.96 |       |        |        |       |      |        |
|          | 875  | -57.0 | -328.2   | -2.2  | -57.0 | -328.3 | -0.47 |       |        |        |       |      |        |
|          | 971  | -49.9 | -328.2   | -4.4  | -49.8 | -328.3 | -0.90 |       |        |        |       |      |        |
|          | 970  | -49.9 | -312.2   | -10.9 | -49.4 | -312.7 | -2.37 |       |        |        |       |      |        |
|          |      |       |          |       |       |        | NODE  | Mxx   | Myy    | Mxy    | Mmax  | Mmin | ANGLE  |
|          |      |       |          |       |       |        | Cent  | -0.2  | -0.7   | -0.2   | -0.1  | -0.8 | -21.67 |
|          |      |       |          |       |       |        | 874   | -0.2  | -0.7   | -0.2   | -0.1  | -0.7 | -17.75 |
|          |      |       |          |       |       |        | 875   | -0.2  | -0.8   | -0.2   | -0.1  | -0.9 | -17.09 |
|          |      |       |          |       |       |        | 971   | -0.3  | -0.7   | -0.3   | -0.2  | -0.9 | -25.53 |
|          |      |       |          |       |       |        | 970   | -0.2  | -0.6   | -0.2   | -0.1  | -0.7 | -26.51 |
|          |      |       |          |       |       |        | NODE  | Vxx   | Vyy    |        |       |      |        |
|          |      |       |          |       |       |        | Cent  | 0.2   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 874   | 0.1   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 875   | 0.1   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 971   | 0.2   | -0.0   |        |       |      |        |
|          |      |       |          |       |       |        | 970   | 0.2   | -0.0   |        |       |      |        |
| ELEM     | MAT  | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |       |      |        |
| 1209     | 1    | 1     | VERIFI-1 | Cent  | -56.7 | -336.5 | -58.4 | -45.0 | -348.1 | -11.32 |       |      |        |
|          |      |       |          | 875   | -59.4 | -331.0 | -60.6 | -46.5 | -343.9 | -12.02 |       |      |        |
|          |      |       |          | 876   | -59.4 | -341.7 | -55.4 | -48.9 | -352.2 | -10.72 |       |      |        |
|          |      |       |          | 972   | -54.3 | -341.7 | -56.1 | -43.7 | -352.2 | -10.67 |       |      |        |
|          |      |       |          | 971   | -54.3 | -331.0 | -61.3 | -41.3 | -344.0 | -11.94 |       |      |        |
|          |      |       |          |       |       |        | NODE  | Mxx   | Myy    | Mxy    | Mmax  | Mmin | ANGLE  |
|          |      |       |          |       |       |        | Cent  | 46.3  | 243.1  | -0.5   | 243.1 | 46.3 | -89.86 |
|          |      |       |          |       |       |        | 875   | 58.6  | 297.2  | 0.2    | 297.2 | 58.6 | 89.95  |
|          |      |       |          |       |       |        | 876   | 58.1  | 296.3  | -0.7   | 296.3 | 58.1 | -89.82 |
|          |      |       |          |       |       |        | 972   | 33.4  | 188.7  | -1.2   | 188.7 | 33.4 | -89.56 |
|          |      |       |          |       |       |        | 971   | 35.0  | 190.1  | -0.2   | 190.1 | 35.0 | -89.91 |
|          |      |       |          |       |       |        | NODE  | Vxx   | Vyy    |        |       |      |        |
|          |      |       |          |       |       |        | Cent  | 2.0   | 130.2  |        |       |      |        |
|          |      |       |          |       |       |        | 875   | 1.3   | 129.8  |        |       |      |        |
|          |      |       |          |       |       |        | 876   | 1.3   | 130.5  |        |       |      |        |
|          |      |       |          |       |       |        | 972   | 2.7   | 130.5  |        |       |      |        |
|          |      |       |          |       |       |        | 971   | 2.7   | 129.8  |        |       |      |        |
| LC       | NODE | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |        |       |      |        |
| VER.TR-1 | Cent | -51.7 | -333.3   | -1.0  | -51.7 | -333.3 | -0.21 |       |        |        |       |      |        |
|          | 875  | -55.8 | -327.8   | -3.3  | -55.7 | -327.8 | -0.69 |       |        |        |       |      |        |
|          | 876  | -55.8 | -338.5   | 2.7   | -55.7 | -338.6 | 0.54  |       |        |        |       |      |        |
|          | 972  | -47.9 | -338.5   | 1.3   | -47.9 | -338.5 | 0.25  |       |        |        |       |      |        |
|          | 971  | -47.9 | -327.8   | -4.7  | -47.8 | -327.9 | -0.97 |       |        |        |       |      |        |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 875   |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1210  | 1   | 1   | VERIFI-1 | Cent | -57.6 | -345.1 | -53.9 | -47.8 | -354.8 | -10.28 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -51.4 | -341.7 | 4.6   | -51.4 | -341.8 | 0.90   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 876  | -55.5 | -338.4 | 2.4   | -55.5 | -338.4 | 0.48   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 877  | -55.5 | -344.8 | 7.4   | -55.3 | -345.0 | 1.46   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 973  | -47.6 | -344.8 | 6.8   | -47.4 | -345.0 | 1.31   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 972  | -47.6 | -338.4 | 1.7   | -47.6 | -338.4 | 0.34   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 876   |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1211  | 1   | 1   | VERIFI-1 | Cent | -58.8 | -350.2 | -50.2 | -50.4 | -358.6 | -9.51  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| 974   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| 974   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 877   |     |     |          |      |       |        |       |       |        |        |
| 878   |     |     |          |      |       |        |       |       |        |        |
| 974   |     |     |          |      |       |        |       |       |        |        |
| 973   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -51.4 | -346.5 | 9.7   | -51.1 | -346.8 | 1.88   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | VER.TR-1 | 877  | -55.6 | -344.8 | 7.5   | -55.4 | -345.0 | 1.49   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 878  | -55.6 | -348.1 | 11.9  | -55.1 | -348.6 | 2.33   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 974  | -47.4 | -348.1 | 11.8  | -46.9 | -348.5 | 2.25   |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | 973  | -47.4 | -344.8 | 7.4   | -47.2 | -345.0 | 1.43   |
| ----- |     |     |          |      |       |        |       |       |        |        |

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|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
|      |     |     |          | Cent | -0.4  | -1.4   | -0.5  | -0.2  | -1.6   | -23.76 |
|      |     |     |          | 877  | -0.3  | -1.3   | -0.4  | -0.2  | -1.5   | -19.79 |
|      |     |     |          | 878  | -0.4  | -1.7   | -0.5  | -0.3  | -1.8   | -18.48 |
|      |     |     |          | 974  | -0.6  | -1.4   | -0.6  | -0.2  | -1.7   | -27.92 |
|      |     |     |          | 973  | -0.5  | -1.1   | -0.6  | -0.1  | -1.4   | -29.17 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 0.3   | -0.2   |       |       |        |        |
|      |     |     |          | 877  | 0.3   | -0.1   |       |       |        |        |
|      |     |     |          | 878  | 0.3   | -0.2   |       |       |        |        |
|      |     |     |          | 974  | 0.3   | -0.2   |       |       |        |        |
|      |     |     |          | 973  | 0.3   | -0.1   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1212 | 1   | 1   | VERIFI-1 | Cent | -59.8 | -353.0 | -47.2 | -52.4 | -360.4 | -8.93  |
|      |     |     |          | 878  | -62.2 | -352.1 | -48.8 | -54.2 | -360.1 | -9.30  |
|      |     |     |          | 879  | -62.2 | -353.8 | -45.8 | -55.1 | -360.8 | -8.72  |
|      |     |     |          | 975  | -57.7 | -353.8 | -45.7 | -50.8 | -360.7 | -8.57  |
|      |     |     |          | 974  | -57.7 | -352.1 | -48.7 | -49.8 | -359.9 | -9.15  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 42.2  | 233.2  | -8.7  | 233.6 | 41.8   | -87.39 |
|      |     |     |          | 878  | 56.2  | 289.9  | -6.5  | 290.0 | 56.0   | -88.41 |
|      |     |     |          | 879  | 54.7  | 283.6  | -8.3  | 283.9 | 54.4   | -87.93 |
|      |     |     |          | 975  | 28.0  | 177.1  | -10.9 | 177.9 | 27.2   | -85.83 |
|      |     |     |          | 974  | 30.1  | 182.4  | -9.2  | 182.9 | 29.6   | -86.57 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 5.8   | 130.8  |       |       |        |        |
|      |     |     |          | 878  | 5.4   | 131.5  |       |       |        |        |
|      |     |     |          | 879  | 5.4   | 130.2  |       |       |        |        |
|      |     |     |          | 975  | 6.2   | 130.2  |       |       |        |        |
|      |     |     |          | 974  | 6.2   | 131.5  |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -50.8 | -348.5 | 14.4  | -50.1 | -349.2 | 2.77   |
|      |     |     |          | 878  | -55.3 | -347.9 | 12.4  | -54.8 | -348.5 | 2.42   |
|      |     |     |          | 879  | -55.3 | -349.1 | 16.4  | -54.4 | -350.0 | 3.19   |
|      |     |     |          | 975  | -46.5 | -349.1 | 16.5  | -45.6 | -350.0 | 3.11   |
|      |     |     |          | 974  | -46.5 | -347.9 | 12.4  | -46.0 | -348.4 | 2.36   |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -0.5  | -1.7   | -0.7  | -0.3  | -2.0   | -24.09 |
|      |     |     |          | 878  | -0.4  | -1.7   | -0.5  | -0.2  | -1.9   | -20.03 |
|      |     |     |          | 879  | -0.5  | -2.1   | -0.6  | -0.3  | -2.3   | -18.64 |
|      |     |     |          | 975  | -0.7  | -1.7   | -0.8  | -0.3  | -2.1   | -28.44 |
|      |     |     |          | 974  | -0.6  | -1.4   | -0.7  | -0.2  | -1.8   | -29.66 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 0.4   | -0.3   |       |       |        |        |
|      |     |     |          | 878  | 0.4   | -0.2   |       |       |        |        |
|      |     |     |          | 879  | 0.4   | -0.4   |       |       |        |        |
|      |     |     |          | 975  | 0.4   | -0.4   |       |       |        |        |
|      |     |     |          | 974  | 0.4   | -0.2   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1213 | 1   | 1   | VERIFI-1 | Cent | -60.3 | -354.2 | -44.7 | -53.6 | -360.9 | -8.45  |
|      |     |     |          | 879  | -62.7 | -353.9 | -45.9 | -55.6 | -360.9 | -8.76  |
|      |     |     |          | 880  | -62.7 | -354.5 | -43.1 | -56.5 | -360.7 | -8.23  |
|      |     |     |          | 976  | -58.0 | -354.5 | -43.4 | -51.7 | -360.7 | -8.16  |
|      |     |     |          | 975  | -58.0 | -353.9 | -46.2 | -50.9 | -360.9 | -8.68  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 40.1  | 226.4  | -12.6 | 227.3 | 39.3   | -86.15 |
|      |     |     |          | 879  | 54.6  | 283.6  | -9.7  | 284.0 | 54.2   | -87.58 |
|      |     |     |          | 880  | 52.5  | 274.7  | -11.8 | 275.3 | 51.9   | -86.97 |
|      |     |     |          | 976  | 25.3  | 170.2  | -15.4 | 171.8 | 23.7   | -84.00 |
|      |     |     |          | 975  | 28.0  | 177.1  | -13.3 | 178.3 | 26.8   | -84.93 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 7.7   | 129.5  |       |       |        |        |
|      |     |     |          | 879  | 7.3   | 130.6  |       |       |        |        |
|      |     |     |          | 880  | 7.3   | 128.3  |       |       |        |        |
|      |     |     |          | 976  | 8.1   | 128.3  |       |       |        |        |
|      |     |     |          | 975  | 8.1   | 130.6  |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -49.4 | -348.5 | 19.1  | -48.2 | -349.7 | 3.65   |
|      |     |     |          | 879  | -54.4 | -348.7 | 17.1  | -53.4 | -349.7 | 3.31   |
|      |     |     |          | 880  | -54.4 | -348.2 | 21.0  | -52.9 | -349.7 | 4.07   |
|      |     |     |          | 976  | -44.5 | -348.2 | 21.2  | -43.1 | -349.7 | 3.98   |
|      |     |     |          | 975  | -44.5 | -348.7 | 17.3  | -43.6 | -349.7 | 3.24   |

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|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
|      |     |     |          | Cent | -0.7  | -2.1   | -0.8  | -0.3  | -2.5   | -24.30 |
|      |     |     |          | 879  | -0.5  | -2.1   | -0.7  | -0.3  | -2.4   | -20.15 |
|      |     |     |          | 880  | -0.7  | -2.7   | -0.8  | -0.4  | -2.9   | -18.69 |
|      |     |     |          | 976  | -0.8  | -2.1   | -1.0  | -0.3  | -2.6   | -28.87 |
|      |     |     |          | 975  | -0.7  | -1.7   | -0.9  | -0.2  | -2.2   | -30.05 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 0.5   | -0.5   |       |       |        |        |
|      |     |     |          | 879  | 0.4   | -0.4   |       |       |        |        |
|      |     |     |          | 880  | 0.4   | -0.6   |       |       |        |        |
|      |     |     |          | 976  | 0.5   | -0.6   |       |       |        |        |
|      |     |     |          | 975  | 0.5   | -0.4   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1214 | 1   | 1   | VERIFI-1 | Cent | -60.0 | -354.5 | -42.3 | -54.1 | -360.4 | -8.02  |
|      |     |     |          | 880  | -62.8 | -354.4 | -43.3 | -56.5 | -360.7 | -8.27  |
|      |     |     |          | 881  | -62.8 | -354.4 | -40.5 | -57.3 | -359.9 | -7.76  |
|      |     |     |          | 977  | -57.5 | -354.4 | -41.3 | -51.8 | -360.0 | -7.77  |
|      |     |     |          | 976  | -57.5 | -354.4 | -44.1 | -51.1 | -360.8 | -8.28  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 37.5  | 217.4  | -17.1 | 219.0 | 35.9   | -84.63 |
|      |     |     |          | 880  | 52.5  | 274.7  | -13.5 | 275.5 | 51.7   | -86.55 |
|      |     |     |          | 881  | 49.8  | 263.0  | -15.8 | 264.1 | 48.6   | -85.77 |
|      |     |     |          | 977  | 22.3  | 161.5  | -20.6 | 164.5 | 19.3   | -81.77 |
|      |     |     |          | 976  | 25.3  | 170.2  | -18.2 | 172.5 | 23.1   | -82.96 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 9.8   | 126.9  |       |       |        |        |
|      |     |     |          | 880  | 9.5   | 128.7  |       |       |        |        |
|      |     |     |          | 881  | 9.5   | 125.1  |       |       |        |        |
|      |     |     |          | 977  | 10.0  | 125.1  |       |       |        |        |
|      |     |     |          | 976  | 10.0  | 128.7  |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -46.9 | -346.7 | 24.2  | -45.0 | -348.6 | 4.59   |
|      |     |     |          | 880  | -52.6 | -347.7 | 21.9  | -51.0 | -349.3 | 4.23   |
|      |     |     |          | 881  | -52.6 | -345.7 | 25.9  | -50.4 | -347.9 | 5.01   |
|      |     |     |          | 977  | -41.3 | -345.7 | 26.5  | -39.0 | -347.9 | 4.93   |
|      |     |     |          | 976  | -41.3 | -347.7 | 22.5  | -39.7 | -349.3 | 4.18   |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -0.8  | -2.7   | -1.0  | -0.4  | -3.1   | -24.40 |
|      |     |     |          | 880  | -0.7  | -2.7   | -0.9  | -0.3  | -3.0   | -20.15 |
|      |     |     |          | 881  | -0.8  | -3.4   | -1.0  | -0.5  | -3.7   | -18.64 |
|      |     |     |          | 977  | -1.0  | -2.5   | -1.2  | -0.3  | -3.2   | -29.20 |
|      |     |     |          | 976  | -0.8  | -2.1   | -1.1  | -0.2  | -2.7   | -30.35 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 0.5   | -0.7   |       |       |        |        |
|      |     |     |          | 880  | 0.5   | -0.6   |       |       |        |        |
|      |     |     |          | 881  | 0.5   | -0.9   |       |       |        |        |
|      |     |     |          | 977  | 0.5   | -0.9   |       |       |        |        |
|      |     |     |          | 976  | 0.5   | -0.6   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1215 | 1   | 1   | VERIFI-1 | Cent | -59.1 | -354.1 | -39.9 | -53.8 | -359.4 | -7.57  |
|      |     |     |          | 881  | -62.3 | -354.2 | -40.7 | -56.7 | -359.8 | -7.78  |
|      |     |     |          | 882  | -62.3 | -353.9 | -37.7 | -57.5 | -358.7 | -7.25  |
|      |     |     |          | 978  | -56.2 | -353.9 | -39.1 | -51.1 | -358.9 | -7.36  |
|      |     |     |          | 977  | -56.2 | -354.2 | -42.1 | -50.3 | -360.0 | -7.88  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 34.3  | 205.9  | -22.2 | 208.7 | 31.5   | -82.75 |
|      |     |     |          | 881  | 49.7  | 263.0  | -17.8 | 264.4 | 48.3   | -85.27 |
|      |     |     |          | 882  | 46.4  | 248.0  | -20.5 | 250.1 | 44.3   | -84.26 |
|      |     |     |          | 978  | 18.9  | 150.9  | -26.4 | 156.0 | 13.8   | -79.10 |
|      |     |     |          | 977  | 22.3  | 161.5  | -23.7 | 165.4 | 18.4   | -80.60 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 11.9  | 122.9  |       |       |        |        |
|      |     |     |          | 881  | 11.9  | 125.5  |       |       |        |        |
|      |     |     |          | 882  | 11.9  | 120.3  |       |       |        |        |
|      |     |     |          | 978  | 11.9  | 120.3  |       |       |        |        |
|      |     |     |          | 977  | 11.9  | 125.5  |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -43.4 | -343.1 | 29.9  | -40.5 | -346.0 | 5.65   |
|      |     |     |          | 881  | -50.0 | -344.9 | 27.3  | -47.5 | -347.4 | 5.24   |
|      |     |     |          | 882  | -50.0 | -341.3 | 31.3  | -46.7 | -344.6 | 6.06   |
|      |     |     |          | 978  | -36.8 | -341.3 | 32.6  | -33.4 | -344.7 | 6.05   |
|      |     |     |          | 977  | -36.8 | -344.9 | 28.6  | -34.2 | -347.5 | 5.26   |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 881   |     |     |          |      |       |        |       |       |        |       |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| 977   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 881   |     |     |          |      |       |        |       |       |        |       |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| 977   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1216  | 1   | 1   | VERIFI-1 | Cent | -57.6 | -353.3 | -37.2 | -53.0 | -357.9 | -7.06 |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -39.0 | -337.4 | 36.7  | -34.5 | -341.8 | 6.91  |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 882   |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| 978   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1217  | 1   | 1   | VERIFI-1 | Cent | -55.4 | -352.1 | -34.0 | -51.6 | -356.0 | -6.46 |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 884   |     |     |          |      |       |        |       |       |        |       |
| 980   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 884   |     |     |          |      |       |        |       |       |        |       |
| 980   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 884   |     |     |          |      |       |        |       |       |        |       |
| 980   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -33.9 | -329.0 | 44.9  | -27.3 | -335.6 | 8.46  |
| 883   |     |     |          |      |       |        |       |       |        |       |
| 884   |     |     |          |      |       |        |       |       |        |       |
| 980   |     |     |          |      |       |        |       |       |        |       |
| 979   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|          |      |       |          |      |       |        |       | NODE  | Mxx    | Myy   | Mxy   | Mmax  | Mmin  | ANGLE  |
|----------|------|-------|----------|------|-------|--------|-------|-------|--------|-------|-------|-------|-------|--------|
|          |      |       |          |      |       |        |       | Cent  | -1.2   | -4.6  | -1.8  | -0.5  | -5.3  | -23.24 |
|          |      |       |          |      |       |        |       | 883   | -1.2   | -5.1  | -1.5  | -0.7  | -5.6  | -19.04 |
|          |      |       |          |      |       |        |       | 884   | -1.4   | -6.1  | -1.6  | -0.9  | -6.6  | -17.25 |
|          |      |       |          |      |       |        |       | 980   | -1.1   | -3.7  | -2.0  | -0.1  | -4.8  | -28.36 |
|          |      |       |          |      |       |        |       | 979   | -1.2   | -3.3  | -1.9  | -0.1  | -4.4  | -30.05 |
|          |      |       |          |      |       |        |       | NODE  | Vxx    | Vyy   |       |       |       |        |
|          |      |       |          |      |       |        |       | Cent  | 0.5    | -2.4  |       |       |       |        |
|          |      |       |          |      |       |        |       | 883   | 0.6    | -2.0  |       |       |       |        |
|          |      |       |          |      |       |        |       | 884   | 0.6    | -2.8  |       |       |       |        |
|          |      |       |          |      |       |        |       | 980   | 0.3    | -2.8  |       |       |       |        |
|          |      |       |          |      |       |        |       | 979   | 0.3    | -2.0  |       |       |       |        |
| ELEM     | MAT  | SEC   | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |       |       |       |        |
| 1218     | 1    | 1     | VERIFI-1 | Cent | -52.8 | -350.6 | -30.2 | -49.7 | -353.6 | -5.74 |       |       |       |        |
|          |      |       |          | 884  | -58.3 | -351.2 | -31.2 | -55.0 | -354.4 | -6.02 |       |       |       |        |
|          |      |       |          | 885  | -58.3 | -349.9 | -26.3 | -56.0 | -352.3 | -5.12 |       |       |       |        |
|          |      |       |          | 981  | -47.3 | -349.9 | -29.3 | -44.5 | -352.7 | -5.47 |       |       |       |        |
|          |      |       |          | 980  | -47.3 | -351.2 | -34.1 | -43.6 | -354.9 | -6.33 |       |       |       |        |
|          |      |       |          |      |       |        |       | NODE  | Mxx    | Myy   | Mxy   | Mmax  | Mmin  | ANGLE  |
|          |      |       |          |      |       |        |       | Cent  | 24.4   | 155.5 | -39.5 | 166.5 | 13.4  | -74.44 |
|          |      |       |          |      |       |        |       | 884   | 38.2   | 207.7 | -33.1 | 213.9 | 31.9  | -79.34 |
|          |      |       |          |      |       |        |       | 885   | 34.0   | 182.7 | -35.7 | 190.8 | 25.9  | -77.18 |
|          |      |       |          |      |       |        |       | 981   | 12.5   | 107.5 | -45.6 | 125.8 | -5.9  | -68.08 |
|          |      |       |          |      |       |        |       | 980   | 13.2   | 123.9 | -43.0 | 138.7 | -1.6  | -71.09 |
|          |      |       |          |      |       |        |       | NODE  | Vxx    | Vyy   |       |       |       |        |
|          |      |       |          |      |       |        |       | Cent  | 15.3   | 99.1  |       |       |       |        |
|          |      |       |          |      |       |        |       | 884   | 17.8   | 104.2 |       |       |       |        |
|          |      |       |          |      |       |        |       | 885   | 17.8   | 94.0  |       |       |       |        |
|          |      |       |          |      |       |        |       | 981   | 12.8   | 94.0  |       |       |       |        |
|          |      |       |          |      |       |        |       | 980   | 12.8   | 104.2 |       |       |       |        |
| LC       | NODE | Fxx   | Fyy      | Fxy  | Fmax  | Fmin   | ANGLE |       |        |       |       |       |       |        |
| VER.TR-1 | Cent | -28.9 | -317.0   | 54.6 | -18.9 | -327.0 | 10.39 |       |        |       |       |       |       |        |
|          | 884  | -39.3 | -323.5   | 48.0 | -31.4 | -331.4 | 9.34  |       |        |       |       |       |       |        |
|          | 885  | -39.3 | -310.9   | 52.0 | -29.7 | -320.5 | 10.48 |       |        |       |       |       |       |        |
|          | 981  | -18.0 | -310.9   | 61.3 | -5.7  | -323.1 | 11.35 |       |        |       |       |       |       |        |
|          | 980  | -18.0 | -323.5   | 57.3 | -7.6  | -333.9 | 10.27 |       |        |       |       |       |       |        |
|          |      |       |          |      |       |        |       | NODE  | Mxx    | Myy   | Mxy   | Mmax  | Mmin  | ANGLE  |
|          |      |       |          |      |       |        |       | Cent  | -1.2   | -5.2  | -1.9  | -0.4  | -6.0  | -21.69 |
|          |      |       |          |      |       |        |       | 884   | -1.4   | -6.1  | -1.7  | -0.8  | -6.7  | -17.88 |
|          |      |       |          |      |       |        |       | 885   | -1.5   | -7.2  | -1.8  | -1.0  | -7.7  | -15.73 |
|          |      |       |          |      |       |        |       | 981   | -0.8   | -3.9  | -2.1  | 0.2   | -5.0  | -26.41 |
|          |      |       |          |      |       |        |       | 980   | -1.1   | -3.7  | -2.0  | 0.0   | -4.8  | -28.85 |
|          |      |       |          |      |       |        |       | NODE  | Vxx    | Vyy   |       |       |       |        |
|          |      |       |          |      |       |        |       | Cent  | 0.2    | -3.4  |       |       |       |        |
|          |      |       |          |      |       |        |       | 884   | 0.5    | -2.9  |       |       |       |        |
|          |      |       |          |      |       |        |       | 885   | 0.5    | -3.8  |       |       |       |        |
|          |      |       |          |      |       |        |       | 981   | -0.1   | -3.8  |       |       |       |        |
|          |      |       |          |      |       |        |       | 980   | -0.1   | -2.9  |       |       |       |        |
| ELEM     | MAT  | SEC   | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |       |       |       |        |
| 1219     | 1    | 1     | VERIFI-1 | Cent | -49.8 | -348.6 | -25.8 | -47.6 | -350.8 | -4.89 |       |       |       |        |
|          |      |       |          | 885  | -56.9 | -349.4 | -27.2 | -54.4 | -351.9 | -5.26 |       |       |       |        |
|          |      |       |          | 886  | -56.9 | -347.7 | -20.8 | -55.4 | -349.2 | -4.07 |       |       |       |        |
|          |      |       |          | 982  | -43.0 | -347.7 | -24.3 | -41.0 | -349.7 | -4.54 |       |       |       |        |
|          |      |       |          | 981  | -43.0 | -349.4 | -30.7 | -39.9 | -352.4 | -5.67 |       |       |       |        |
|          |      |       |          |      |       |        |       | NODE  | Mxx    | Myy   | Mxy   | Mmax  | Mmin  | ANGLE  |
|          |      |       |          |      |       |        |       | Cent  | 23.0   | 133.6 | -43.9 | 148.9 | 7.7   | -70.77 |
|          |      |       |          |      |       |        |       | 885   | 34.1   | 182.7 | -37.3 | 191.5 | 25.2  | -76.68 |
|          |      |       |          |      |       |        |       | 886   | 30.7   | 155.2 | -38.9 | 166.3 | 19.5  | -74.01 |
|          |      |       |          |      |       |        |       | 982   | 14.9   | 89.0  | -50.1 | 114.3 | -10.4 | -63.24 |
|          |      |       |          |      |       |        |       | 981   | 12.5   | 107.5 | -48.5 | 127.9 | -7.9  | -67.20 |
|          |      |       |          |      |       |        |       | NODE  | Vxx    | Vyy   |       |       |       |        |
|          |      |       |          |      |       |        |       | Cent  | 14.1   | 87.1  |       |       |       |        |
|          |      |       |          |      |       |        |       | 885   | 18.2   | 92.6  |       |       |       |        |
|          |      |       |          |      |       |        |       | 886   | 18.2   | 81.7  |       |       |       |        |
|          |      |       |          |      |       |        |       | 982   | 10.0   | 81.7  |       |       |       |        |
|          |      |       |          |      |       |        |       | 981   | 10.0   | 92.6  |       |       |       |        |
| LC       | NODE | Fxx   | Fyy      | Fxy  | Fmax  | Fmin   | ANGLE |       |        |       |       |       |       |        |
| VER.TR-1 | Cent | -24.9 | -300.7   | 66.0 | -9.9  | -315.7 | 12.79 |       |        |       |       |       |       |        |
|          | 885  | -36.7 | -309.8   | 57.1 | -25.2 | -321.3 | 11.35 |       |        |       |       |       |       |        |
|          | 886  | -36.7 | -291.9   | 60.1 | -23.3 | -305.4 | 12.61 |       |        |       |       |       |       |        |
|          | 982  | -12.4 | -291.9   | 74.9 | 6.4   | -310.7 | 14.09 |       |        |       |       |       |       |        |
|          | 981  | -12.4 | -309.8   | 71.9 | 4.1   | -326.3 | 12.91 |       |        |       |       |       |       |        |



Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -0.9   | -5.8  | -1.9   | -0.3  | -6.5  | -18.65 |       |
|      |     |     |          |      |       |        |       | 885      | -1.5   | -7.2  | -1.8   | -1.0  | -7.7  | -15.72 |       |
|      |     |     |          |      |       |        |       | 886      | -1.4   | -8.0  | -1.7   | -1.0  | -8.4  | -13.21 |       |
|      |     |     |          |      |       |        |       | 982      | -0.1   | -4.2  | -2.0   | 0.7   | -4.9  | -21.86 |       |
|      |     |     |          |      |       |        |       | 981      | -0.8   | -3.9  | -2.0   | 0.2   | -5.0  | -26.20 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.2   | -4.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 885      | 0.2    | -4.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 886      | 0.2    | -4.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 982      | -0.7   | -4.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 981      | -0.7   | -4.0  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1220 | 1   | 1   | VERIFI-1 | Cent | -46.7 | -346.7 | -21.3 | -45.2    | -348.2 | -4.04 |        |       |       |        |       |
|      |     |     |          | 886  | -55.6 | -347.2 | -22.8 | -53.8    | -349.0 | -4.45 |        |       |       |        |       |
|      |     |     |          | 887  | -55.6 | -345.9 | -14.8 | -54.8    | -346.7 | -2.91 |        |       |       |        |       |
|      |     |     |          | 983  | -38.2 | -345.9 | -19.7 | -36.9    | -347.2 | -3.65 |        |       |       |        |       |
|      |     |     |          | 982  | -38.2 | -347.2 | -27.8 | -35.7    | -349.7 | -5.09 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 23.7   | 109.5 | -45.5  | 129.2 | 4.1   | -66.67 |       |
|      |     |     |          |      |       |        |       | 886      | 30.8   | 155.2 | -39.1  | 166.5 | 19.5  | -73.92 |       |
|      |     |     |          |      |       |        |       | 887      | 28.9   | 126.7 | -39.0  | 140.3 | 15.3  | -70.70 |       |
|      |     |     |          |      |       |        |       | 983      | 20.3   | 67.3  | -51.5  | 100.4 | -12.8 | -57.28 |       |
|      |     |     |          |      |       |        |       | 982      | 14.9   | 89.0  | -51.6  | 115.5 | -11.6 | -62.84 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 12.5   | 75.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 886      | 17.5   | 79.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 887      | 17.5   | 71.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 983      | 7.4    | 71.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 982      | 7.4    | 79.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -23.6 | -279.2 | 78.7  | -1.4  | -301.5 | 15.81 |
|      |     |     |          |      |       |        |       |          | 886    | -36.6 | -291.4 | 67.9  | -19.7 | -308.4 | 14.03 |
|      |     |     |          |      |       |        |       |          | 887    | -36.6 | -267.6 | 67.5  | -18.3 | -285.9 | 15.16 |
|      |     |     |          |      |       |        |       |          | 983    | -9.6  | -267.6 | 89.5  | 18.4  | -295.6 | 17.37 |
|      |     |     |          |      |       |        |       |          | 982    | -9.6  | -291.4 | 89.8  | 16.6  | -317.6 | 16.26 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -0.3   | -6.3  | -1.5   | 0.0   | -6.6  | -13.35 |       |
|      |     |     |          |      |       |        |       | 886      | -1.4   | -8.0  | -1.5   | -1.0  | -8.3  | -11.98 |       |
|      |     |     |          |      |       |        |       | 887      | -1.2   | -9.1  | -1.2   | -1.0  | -9.3  | -8.14  |       |
|      |     |     |          |      |       |        |       | 983      | 1.2    | -3.8  | -1.4   | 1.6   | -4.2  | -14.85 |       |
|      |     |     |          |      |       |        |       | 982      | -0.1   | -4.2  | -1.7   | 0.6   | -4.8  | -20.27 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.7   | -6.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 886      | 0.1    | -5.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 887      | 0.1    | -6.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 983      | -1.5   | -6.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 982      | -1.5   | -5.1  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1221 | 1   | 1   | VERIFI-1 | Cent | -43.5 | -346.5 | -19.2 | -42.2    | -347.7 | -3.61 |        |       |       |        |       |
|      |     |     |          | 887  | -53.7 | -344.9 | -19.6 | -52.4    | -346.3 | -3.84 |        |       |       |        |       |
|      |     |     |          | 888  | -53.7 | -348.1 | -11.0 | -53.3    | -348.5 | -2.13 |        |       |       |        |       |
|      |     |     |          | 984  | -33.2 | -348.1 | -18.8 | -32.0    | -349.3 | -3.40 |        |       |       |        |       |
|      |     |     |          | 983  | -33.2 | -344.9 | -27.4 | -30.8    | -347.3 | -4.99 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 25.0   | 83.4  | -43.5  | 106.6 | 1.9   | -61.94 |       |
|      |     |     |          |      |       |        |       | 887      | 28.9   | 126.7 | -37.4  | 139.4 | 16.2  | -71.27 |       |
|      |     |     |          |      |       |        |       | 888      | 26.4   | 93.1  | -35.5  | 108.5 | 11.0  | -66.59 |       |
|      |     |     |          |      |       |        |       | 984      | 24.4   | 46.6  | -48.9  | 85.7  | -14.6 | -51.39 |       |
|      |     |     |          |      |       |        |       | 983      | 20.4   | 67.3  | -50.8  | 99.9  | -12.1 | -57.39 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 15.0   | 60.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 887      | 19.6   | 68.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 888      | 19.6   | 53.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 984      | 10.4   | 53.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 983      | 10.4   | 68.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -26.6 | -252.7 | 92.6  | 6.5   | -285.8 | 19.66 |
|      |     |     |          |      |       |        |       |          | 887    | -41.5 | -268.3 | 81.7  | -15.1 | -294.7 | 17.90 |
|      |     |     |          |      |       |        |       |          | 888    | -41.5 | -237.6 | 73.5  | -17.0 | -262.1 | 18.43 |
|      |     |     |          |      |       |        |       |          | 984    | -10.7 | -237.6 | 103.4 | 29.4  | -277.7 | 21.18 |
|      |     |     |          |      |       |        |       |          | 983    | -10.7 | -268.3 | 111.7 | 31.0  | -310.0 | 20.46 |

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|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
|      |     |     |          | Cent | 0.3   | -6.4   | -0.4  | 0.3   | -6.4   | -3.83  |
|      |     |     |          | 887  | -1.1  | -9.1   | -0.9  | -1.0  | -9.2   | -6.05  |
|      |     |     |          | 888  | -1.1  | -7.9   | -0.2  | -1.1  | -7.9   | -1.29  |
|      |     |     |          | 984  | 2.3   | -4.6   | -0.1  | 2.3   | -4.6   | -0.73  |
|      |     |     |          | 983  | 1.2   | -3.8   | -0.8  | 1.3   | -4.0   | -8.77  |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | -0.9  | -6.1   |       |       |        |        |
|      |     |     |          | 887  | -0.1  | -7.4   |       |       |        |        |
|      |     |     |          | 888  | -0.1  | -4.9   |       |       |        |        |
|      |     |     |          | 984  | -1.6  | -4.9   |       |       |        |        |
|      |     |     |          | 983  | -1.6  | -7.4   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1222 | 1   | 1   | VERIFI-1 | Cent | -38.0 | -345.6 | -28.6 | -35.4 | -348.2 | -5.27  |
|      |     |     |          | 888  | -43.3 | -345.5 | -27.8 | -40.8 | -348.0 | -5.21  |
|      |     |     |          | 727  | -43.3 | -346.8 | -26.8 | -41.0 | -349.1 | -5.01  |
|      |     |     |          | 728  | -31.0 | -346.8 | -29.5 | -28.3 | -349.5 | -5.28  |
|      |     |     |          | 984  | -31.0 | -345.5 | -30.4 | -28.1 | -348.4 | -5.48  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 18.2  | 56.6   | -37.4 | 79.4  | -4.7   | -58.58 |
|      |     |     |          | 888  | 26.8  | 93.2   | -33.7 | 107.3 | 12.7   | -67.30 |
|      |     |     |          | 727  | 6.0   | 64.7   | -29.2 | 76.8  | -6.1   | -67.58 |
|      |     |     |          | 728  | 15.3  | 21.8   | -40.8 | 59.5  | -22.4  | -47.27 |
|      |     |     |          | 984  | 24.7  | 46.7   | -45.2 | 82.2  | -10.9  | -51.84 |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 35.2  | 47.4   |       |       |        |        |
|      |     |     |          | 888  | 43.3  | 49.5   |       |       |        |        |
|      |     |     |          | 727  | 43.3  | 45.2   |       |       |        |        |
|      |     |     |          | 728  | 27.1  | 45.2   |       |       |        |        |
|      |     |     |          | 984  | 27.1  | 49.5   |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -33.3 | -231.9 | 111.6 | 16.8  | -282.0 | 24.16  |
|      |     |     |          | 888  | -58.4 | -241.9 | 110.5 | -6.5  | -293.8 | 25.15  |
|      |     |     |          | 727  | -58.4 | -220.6 | 90.6  | -17.9 | -261.1 | 24.09  |
|      |     |     |          | 728  | -10.5 | -220.6 | 112.6 | 38.5  | -269.5 | 23.49  |
|      |     |     |          | 984  | -10.5 | -241.9 | 132.5 | 49.8  | -302.1 | 24.44  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -0.2  | -5.8   | 1.5   | 0.2   | -6.1   | 14.01  |
|      |     |     |          | 888  | -0.9  | -7.8   | 0.6   | -0.9  | -7.9   | 4.80   |
|      |     |     |          | 727  | -5.4  | -11.1  | 2.2   | -4.7  | -11.8  | 18.82  |
|      |     |     |          | 728  | 3.3   | 0.5    | 2.8   | 5.1   | -1.3   | 31.38  |
|      |     |     |          | 984  | 2.3   | -4.6   | 1.2   | 2.5   | -4.8   | 9.58   |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 1.7   | -11.1  |       |       |        |        |
|      |     |     |          | 888  | 5.6   | -6.1   |       |       |        |        |
|      |     |     |          | 727  | 5.6   | -16.1  |       |       |        |        |
|      |     |     |          | 728  | -2.2  | -16.1  |       |       |        |        |
|      |     |     |          | 984  | -2.2  | -6.1   |       |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| 1223 | 1   | 1   | VERIFI-1 | Cent | -50.1 | -281.2 | -61.5 | -34.8 | -296.5 | -14.01 |
|      |     |     |          | 969  | -54.2 | -267.9 | -64.2 | -36.4 | -285.7 | -15.49 |
|      |     |     |          | 970  | -54.2 | -294.0 | -55.2 | -42.0 | -306.1 | -12.37 |
|      |     |     |          | 890  | -46.8 | -294.0 | -58.8 | -33.5 | -307.3 | -12.71 |
|      |     |     |          | 889  | -46.8 | -267.9 | -67.7 | -27.7 | -287.0 | -15.74 |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 28.7  | 149.5  | 2.5   | 149.5 | 28.6   | 88.80  |
|      |     |     |          | 969  | 38.4  | 190.4  | 2.5   | 190.4 | 38.4   | 89.04  |
|      |     |     |          | 970  | 36.6  | 190.6  | 2.1   | 190.6 | 36.6   | 89.21  |
|      |     |     |          | 890  | 18.0  | 108.6  | 2.5   | 108.7 | 18.0   | 88.42  |
|      |     |     |          | 889  | 21.8  | 108.3  | 2.9   | 108.4 | 21.7   | 88.06  |
|      |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
|      |     |     |          | Cent | 3.4   | 99.0   |       |       |        |        |
|      |     |     |          | 969  | 2.0   | 99.1   |       |       |        |        |
|      |     |     |          | 970  | 2.0   | 99.0   |       |       |        |        |
|      |     |     |          | 890  | 4.8   | 99.0   |       |       |        |        |
|      |     |     |          | 889  | 4.8   | 99.1   |       |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -45.3 | -278.7 | -17.9 | -43.9 | -280.1 | -4.35  |
|      |     |     |          | 969  | -50.4 | -265.3 | -20.2 | -48.5 | -267.2 | -5.33  |
|      |     |     |          | 970  | -50.4 | -291.7 | -10.7 | -49.9 | -292.2 | -2.54  |
|      |     |     |          | 890  | -40.9 | -291.7 | -15.5 | -40.0 | -292.7 | -3.52  |
|      |     |     |          | 889  | -40.9 | -265.3 | -25.0 | -38.2 | -268.0 | -6.28  |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|--------|
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| 889   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 969   |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| 889   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1224  | 1   | 1   | VERIFI-1 | Cent | -47.8 | -301.4 | -53.7 | -36.8 | -312.3 | -11.48 |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -41.6 | -299.1 | -9.6  | -41.3 | -299.5 | -2.14  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 970   |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| 890   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 1225  | 1   | 1   | VERIFI-1 | Cent | -48.5 | -313.7 | -46.5 | -40.6 | -321.7 | -9.66  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| 892   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| 892   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
| Cent  |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| 892   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |
| ----- |     |     |          |      |       |        |       |       |        |        |
|       |     |     | LC       | Cent | -41.2 | -311.7 | -1.6  | -41.2 | -311.7 | -0.33  |
| ----- |     |     |          |      |       |        |       |       |        |        |
| 971   |     |     |          |      |       |        |       |       |        |        |
| 972   |     |     |          |      |       |        |       |       |        |        |
| 892   |     |     |          |      |       |        |       |       |        |        |
| 891   |     |     |          |      |       |        |       |       |        |        |
| ----- |     |     |          |      |       |        |       |       |        |        |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 971   |     |     |          |      |       |        |       |       |        |       |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| 891   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 971   |     |     |          |      |       |        |       |       |        |       |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| 891   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1226  | 1   | 1   | VERIFI-1 | Cent | -50.1 | -320.8 | -41.4 | -43.9 | -327.0 | -8.49 |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -41.4 | -318.9 | 4.6   | -41.3 | -318.9 | 0.94  |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 972   |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| 892   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1227  | 1   | 1   | VERIFI-1 | Cent | -51.3 | -324.7 | -37.9 | -46.2 | -329.9 | -7.76 |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -41.1 | -322.6 | 9.1   | -40.8 | -322.9 | 1.86  |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -42.5 | -321.2 | 7.7   | -42.3 | -321.4 | 1.58  |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 973   |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| 893   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1228  | 1   | 1   | VERIFI-1 | Cent | -52.0 | -326.6 | -35.6 | -47.4 | -331.2 | -7.27 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -39.9 | -324.2 | 12.8  | -39.3 | -324.8 | 2.57  |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 974   |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| 894   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1229  | 1   | 1   | VERIFI-1 | Cent | -51.8 | -327.4 | -33.9 | -47.7 | -331.5 | -6.91 |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 976   |     |     |          |      |       |        |       |       |        |       |
| 896   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 976   |     |     |          |      |       |        |       |       |        |       |
| 896   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 976   |     |     |          |      |       |        |       |       |        |       |
| 896   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -37.4 | -324.3 | 16.1  | -36.5 | -325.2 | 3.21  |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 975   |     |     |          |      |       |        |       |       |        |       |
| 976   |     |     |          |      |       |        |       |       |        |       |
| 896   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -39.6 | -324.2 | 15.6  | -38.7 | -325.0 | 3.13  |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 976   |     |     |          |      |       |        |       |       |        |       |
| 896   |     |     |          |      |       |        |       |       |        |       |
| 895   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|-------|
|      |     |     |          | Cent     | -0.9  | -1.6   | -1.2   | -0.0  | -2.4   | -36.54 |       |
|      |     |     |          | 975      | -0.7  | -1.7   | -1.0   | -0.0  | -2.4   | -31.96 |       |
|      |     |     |          | 976      | -0.8  | -2.1   | -1.2   | -0.1  | -2.8   | -30.95 |       |
|      |     |     |          | 896      | -1.0  | -1.4   | -1.3   | 0.1   | -2.5   | -41.58 |       |
|      |     |     |          | 895      | -0.9  | -1.2   | -1.2   | 0.1   | -2.2   | -41.70 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 0.4   | -0.6   |        |       |        |        |       |
|      |     |     |          | 975      | 0.3   | -0.5   |        |       |        |        |       |
|      |     |     |          | 976      | 0.3   | -0.7   |        |       |        |        |       |
|      |     |     |          | 896      | 0.4   | -0.7   |        |       |        |        |       |
|      |     |     |          | 895      | 0.4   | -0.5   |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| 1230 | 1   | 1   | VERIFI-1 | Cent     | -50.8 | -327.6 | -32.4  | -47.1 | -331.3 | -6.59  |       |
|      |     |     |          | 976      | -52.1 | -327.4 | -32.9  | -48.2 | -331.3 | -6.71  |       |
|      |     |     |          | 977      | -52.1 | -327.6 | -30.2  | -48.8 | -330.9 | -6.19  |       |
|      |     |     |          | 897      | -49.7 | -327.6 | -32.0  | -46.1 | -331.3 | -6.48  |       |
|      |     |     |          | 896      | -49.7 | -327.4 | -34.6  | -45.5 | -331.7 | -7.00  |       |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | 11.7  | 128.3  | -25.0  | 133.5 | 6.6    | -78.42 |       |
|      |     |     |          | 976      | 25.4  | 170.3  | -21.7  | 173.4 | 22.2   | -81.67 |       |
|      |     |     |          | 977      | 22.3  | 161.6  | -25.0  | 165.9 | 17.9   | -80.14 |       |
|      |     |     |          | 897      | -2.2  | 88.0   | -28.1  | 96.1  | -10.3  | -74.03 |       |
|      |     |     |          | 896      | 1.3   | 93.5   | -24.8  | 99.8  | -5.0   | -75.84 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 8.4   | 94.8   |        |       |        |        |       |
|      |     |     |          | 976      | 8.1   | 96.7   |        |       |        |        |       |
|      |     |     |          | 977      | 8.1   | 92.9   |        |       |        |        |       |
|      |     |     |          | 897      | 8.8   | 92.9   |        |       |        |        |       |
|      |     |     |          | 896      | 8.8   | 96.7   |        |       |        |        |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          | VER.TR-1 | Cent  | -33.6  | -323.0 | 19.7  | -32.3  | -324.4 | 3.88  |
|      |     |     |          |          | 976   | -36.5  | -323.4 | 19.5  | -35.2  | -324.7 | 3.87  |
|      |     |     |          |          | 977   | -36.5  | -322.5 | 21.9  | -34.8  | -324.2 | 4.35  |
|      |     |     |          |          | 897   | -31.0  | -322.5 | 19.9  | -29.6  | -323.9 | 3.89  |
|      |     |     |          |          | 896   | -31.0  | -323.4 | 17.6  | -29.9  | -324.5 | 3.42  |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | -1.0  | -1.9   | -1.4   | 0.0   | -2.9   | -36.66 |       |
|      |     |     |          | 976      | -0.8  | -2.1   | -1.3   | -0.0  | -2.9   | -32.10 |       |
|      |     |     |          | 977      | -1.0  | -2.5   | -1.4   | -0.1  | -3.3   | -31.06 |       |
|      |     |     |          | 897      | -1.2  | -1.5   | -1.5   | 0.2   | -2.9   | -41.71 |       |
|      |     |     |          | 896      | -1.0  | -1.4   | -1.4   | 0.2   | -2.6   | -41.90 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 0.4   | -0.8   |        |       |        |        |       |
|      |     |     |          | 976      | 0.4   | -0.7   |        |       |        |        |       |
|      |     |     |          | 977      | 0.4   | -0.9   |        |       |        |        |       |
|      |     |     |          | 897      | 0.3   | -0.9   |        |       |        |        |       |
|      |     |     |          | 896      | 0.3   | -0.7   |        |       |        |        |       |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |
| 1231 | 1   | 1   | VERIFI-1 | Cent     | -49.0 | -327.4 | -30.9  | -45.6 | -330.8 | -6.26  |       |
|      |     |     |          | 977      | -50.8 | -327.3 | -31.0  | -47.4 | -330.7 | -6.32  |       |
|      |     |     |          | 978      | -50.8 | -327.4 | -28.2  | -47.9 | -330.3 | -5.77  |       |
|      |     |     |          | 898      | -47.4 | -327.4 | -30.8  | -44.1 | -330.7 | -6.20  |       |
|      |     |     |          | 897      | -47.4 | -327.3 | -33.6  | -43.4 | -331.2 | -6.75  |       |
|      |     |     |          | NODE     | Mxx   | Myy    | Mxy    | Mmax  | Mmin   | ANGLE  |       |
|      |     |     |          | Cent     | 8.3   | 120.5  | -31.9  | 129.0 | -0.1   | -75.19 |       |
|      |     |     |          | 977      | 22.3  | 161.6  | -28.1  | 167.0 | 16.8   | -79.01 |       |
|      |     |     |          | 978      | 18.9  | 151.0  | -31.8  | 158.2 | 11.7   | -77.16 |       |
|      |     |     |          | 898      | -5.7  | 81.6   | -35.6  | 94.3  | -18.4  | -70.41 |       |
|      |     |     |          | 897      | -2.2  | 88.0   | -31.9  | 98.2  | -12.4  | -72.36 |       |
|      |     |     |          | NODE     | Vxx   | Vyy    |        |       |        |        |       |
|      |     |     |          | Cent     | 9.4   | 90.9   |        |       |        |        |       |
|      |     |     |          | 977      | 9.3   | 93.4   |        |       |        |        |       |
|      |     |     |          | 978      | 9.3   | 88.4   |        |       |        |        |       |
|      |     |     |          | 898      | 9.5   | 88.4   |        |       |        |        |       |
|      |     |     |          | 897      | 9.5   | 93.4   |        |       |        |        |       |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |
|      |     |     |          | VER.TR-1 | Cent  | -28.5  | -320.5 | 24.0  | -26.5  | -322.5 | 4.68  |
|      |     |     |          |          | 977   | -32.2  | -321.5 | 24.0  | -30.2  | -323.4 | 4.71  |
|      |     |     |          |          | 978   | -32.2  | -319.5 | 26.1  | -29.8  | -321.9 | 5.15  |
|      |     |     |          |          | 898   | -24.9  | -319.5 | 24.1  | -23.0  | -321.5 | 4.64  |
|      |     |     |          |          | 897   | -24.9  | -321.5 | 22.0  | -23.3  | -323.1 | 4.22  |

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|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | -1.1   | -2.1  | -1.7   | 0.1   | -3.4  | -36.60 |       |
|      |     |     |          |      |       |        |       | 977      | -1.0   | -2.5  | -1.6   | -0.0  | -3.5  | -32.11 |       |
|      |     |     |          |      |       |        |       | 978      | -1.1   | -2.9  | -1.7   | -0.1  | -3.9  | -30.99 |       |
|      |     |     |          |      |       |        |       | 898      | -1.2   | -1.7  | -1.8   | 0.4   | -3.3  | -41.62 |       |
|      |     |     |          |      |       |        |       | 897      | -1.2   | -1.5  | -1.7   | 0.3   | -3.0  | -41.98 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 0.3    | -1.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 977      | 0.3    | -0.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 978      | 0.3    | -1.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 898      | 0.3    | -1.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 897      | 0.3    | -0.9  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1232 | 1   | 1   | VERIFI-1 | Cent | -46.4 | -327.0 | -29.1 | -43.4    | -330.0 | -5.87 |        |       |       |        |       |
|      |     |     |          | 978  | -48.7 | -326.9 | -29.0 | -45.7    | -329.9 | -5.89 |        |       |       |        |       |
|      |     |     |          | 979  | -48.7 | -327.1 | -25.9 | -46.4    | -329.5 | -5.26 |        |       |       |        |       |
|      |     |     |          | 899  | -44.1 | -327.1 | -29.3 | -41.1    | -330.1 | -5.85 |        |       |       |        |       |
|      |     |     |          | 898  | -44.1 | -326.9 | -32.4 | -40.5    | -330.5 | -6.46 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 5.0    | 111.3 | -39.6  | 124.5 | -8.1  | -71.66 |       |
|      |     |     |          |      |       |        |       | 978      | 18.9   | 151.0 | -35.2  | 159.8 | 10.1  | -75.96 |       |
|      |     |     |          |      |       |        |       | 979      | 15.7   | 138.4 | -39.2  | 149.9 | 4.2   | -73.73 |       |
|      |     |     |          |      |       |        |       | 899      | -8.6   | 74.3  | -43.7  | 93.1  | -27.4 | -66.74 |       |
|      |     |     |          |      |       |        |       | 898      | -5.8   | 81.6  | -39.8  | 97.0  | -21.2 | -68.84 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 9.8    | 85.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 978      | 10.1   | 88.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 979      | 10.1   | 82.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 899      | 9.5    | 82.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 898      | 9.5    | 88.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -22.0 | -316.5 | 29.6  | -19.1 | -319.4 | 5.68  |
|      |     |     |          |      |       |        |       |          | 978    | -26.8 | -318.2 | 29.5  | -23.8 | -321.1 | 5.73  |
|      |     |     |          |      |       |        |       |          | 979    | -26.8 | -314.7 | 31.3  | -23.4 | -318.1 | 6.12  |
|      |     |     |          |      |       |        |       |          | 899    | -17.3 | -314.7 | 29.7  | -14.4 | -317.7 | 5.64  |
|      |     |     |          |      |       |        |       |          | 898    | -17.3 | -318.2 | 27.9  | -14.7 | -320.7 | 5.26  |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | -1.2   | -2.4  | -2.0   | 0.3   | -3.8  | -36.24 |       |
|      |     |     |          |      |       |        |       | 978      | -1.1   | -2.9  | -1.8   | 0.0   | -4.0  | -31.90 |       |
|      |     |     |          |      |       |        |       | 979      | -1.2   | -3.3  | -1.9   | -0.0  | -4.5  | -30.59 |       |
|      |     |     |          |      |       |        |       | 899      | -1.2   | -1.7  | -2.1   | 0.6   | -3.6  | -41.13 |       |
|      |     |     |          |      |       |        |       | 898      | -1.2   | -1.7  | -1.9   | 0.5   | -3.4  | -41.84 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 0.2    | -1.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 978      | 0.2    | -1.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 979      | 0.2    | -1.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 899      | 0.1    | -1.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 898      | 0.1    | -1.3  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1233 | 1   | 1   | VERIFI-1 | Cent | -42.8 | -326.6 | -26.9 | -40.2    | -329.1 | -5.37 |        |       |       |        |       |
|      |     |     |          | 979  | -45.9 | -326.4 | -26.6 | -43.4    | -328.9 | -5.37 |        |       |       |        |       |
|      |     |     |          | 980  | -45.9 | -326.7 | -22.9 | -44.1    | -328.5 | -4.63 |        |       |       |        |       |
|      |     |     |          | 900  | -39.8 | -326.7 | -27.2 | -37.3    | -329.2 | -5.38 |        |       |       |        |       |
|      |     |     |          | 899  | -39.8 | -326.4 | -30.9 | -36.5    | -329.7 | -6.09 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 2.6    | 100.7 | -47.7  | 120.1 | -16.7 | -67.92 |       |
|      |     |     |          |      |       |        |       | 979      | 15.7   | 138.4 | -42.8  | 151.9 | 2.2   | -72.55 |       |
|      |     |     |          |      |       |        |       | 980      | 13.2   | 124.0 | -46.9  | 141.1 | -4.0  | -69.88 |       |
|      |     |     |          |      |       |        |       | 900      | -9.8   | 66.2  | -52.2  | 92.8  | -36.4 | -63.02 |       |
|      |     |     |          |      |       |        |       | 899      | -8.7   | 74.3  | -48.2  | 96.4  | -30.8 | -65.37 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 9.0    | 78.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 979      | 10.0   | 82.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 980      | 10.0   | 75.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 900      | 8.0    | 75.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 899      | 8.0    | 82.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | -14.4 | -310.3 | 36.9  | -9.9  | -314.8 | 7.01  |
|      |     |     |          |      |       |        |       |          | 979    | -20.7 | -313.1 | 36.5  | -16.2 | -317.6 | 7.01  |
|      |     |     |          |      |       |        |       |          | 980    | -20.7 | -307.4 | 37.8  | -15.8 | -312.3 | 7.39  |
|      |     |     |          |      |       |        |       |          | 900    | -8.1  | -307.4 | 37.4  | -3.5  | -312.0 | 7.01  |
|      |     |     |          |      |       |        |       |          | 899    | -8.1  | -313.1 | 36.1  | -3.9  | -317.3 | 6.66  |

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|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy   | Mmax  | Mmin  | ANGLE  |
|------|-----|-----|----------|----------|-------|--------|--------|-------|--------|--------|-------|-------|-------|--------|
|      |     |     |          |          |       |        |        | Cent  | -1.1   | -2.6   | -2.2  | 0.4   | -4.2  | -35.32 |
|      |     |     |          |          |       |        |        | 979   | -1.2   | -3.3   | -2.1  | 0.1   | -4.6  | -31.31 |
|      |     |     |          |          |       |        |        | 980   | -1.1   | -3.7   | -2.2  | 0.1   | -4.9  | -29.58 |
|      |     |     |          |          |       |        |        | 900   | -0.9   | -1.7   | -2.3  | 1.0   | -3.6  | -39.86 |
|      |     |     |          |          |       |        |        | 899   | -1.2   | -1.7   | -2.2  | 0.7   | -3.7  | -41.30 |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |       |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | -0.1   | -2.0   |       |       |       |        |
|      |     |     |          |          |       |        |        | 979   | 0.0    | -1.8   |       |       |       |        |
|      |     |     |          |          |       |        |        | 980   | 0.0    | -2.3   |       |       |       |        |
|      |     |     |          |          |       |        |        | 900   | -0.3   | -2.3   |       |       |       |        |
|      |     |     |          |          |       |        |        | 899   | -0.3   | -1.8   |       |       |       |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |       |       |        |
| 1234 | 1   | 1   | VERIFI-1 | Cent     | -38.2 | -325.9 | -24.0  | -36.2 | -327.9 | -4.73  |       |       |       |        |
|      |     |     |          | 980      | -42.3 | -325.8 | -23.7  | -40.4 | -327.7 | -4.75  |       |       |       |        |
|      |     |     |          | 981      | -42.3 | -326.0 | -19.0  | -41.1 | -327.2 | -3.82  |       |       |       |        |
|      |     |     |          | 901      | -34.2 | -326.0 | -24.2  | -32.2 | -328.0 | -4.71  |       |       |       |        |
|      |     |     |          | 900      | -34.2 | -325.8 | -28.9  | -31.3 | -328.6 | -5.61  |       |       |       |        |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy   | Mmax  | Mmin  | ANGLE  |
|      |     |     |          |          |       |        |        | Cent  | 2.0    | 88.7   | -55.6 | 115.9 | -25.2 | -63.96 |
|      |     |     |          |          |       |        |        | 980   | 13.2   | 124.0  | -50.4 | 143.5 | -6.4  | -68.85 |
|      |     |     |          |          |       |        |        | 981   | 12.5   | 107.5  | -54.2 | 132.1 | -12.1 | -65.61 |
|      |     |     |          |          |       |        |        | 901   | -7.7   | 57.1   | -60.6 | 93.4  | -44.0 | -59.08 |
|      |     |     |          |          |       |        |        | 900   | -9.9   | 66.2   | -56.7 | 96.5  | -40.1 | -61.91 |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |       |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | 6.5    | 70.3   |       |       |       |        |
|      |     |     |          |          |       |        |        | 980   | 8.5    | 74.7   |       |       |       |        |
|      |     |     |          |          |       |        |        | 981   | 8.5    | 65.9   |       |       |       |        |
|      |     |     |          |          |       |        |        | 901   | 4.5    | 65.9   |       |       |       |        |
|      |     |     |          |          |       |        |        | 900   | 4.5    | 74.7   |       |       |       |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |       |       |        |
|      |     |     |          | VER.TR-1 | Cent  | -6.0   | -301.1 | 46.8  | 1.3    | -308.3 | 8.80  |       |       |        |
|      |     |     |          |          | 980   | -14.4  | -305.6 | 45.4  | -7.5   | -312.6 | 8.67  |       |       |        |
|      |     |     |          |          | 981   | -14.4  | -296.6 | 46.3  | -7.0   | -304.0 | 9.09  |       |       |        |
|      |     |     |          |          | 901   | 2.7    | -296.6 | 48.1  | 10.2   | -304.1 | 8.92  |       |       |        |
|      |     |     |          |          | 900   | 2.7    | -305.6 | 47.3  | 9.8    | -312.7 | 8.52  |       |       |        |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy   | Mmax  | Mmin  | ANGLE  |
|      |     |     |          |          |       |        |        | Cent  | -0.7   | -2.7   | -2.3  | 0.8   | -4.2  | -33.34 |
|      |     |     |          |          |       |        |        | 980   | -1.1   | -3.7   | -2.2  | 0.2   | -5.0  | -30.00 |
|      |     |     |          |          |       |        |        | 981   | -0.8   | -4.0   | -2.2  | 0.4   | -5.1  | -27.32 |
|      |     |     |          |          |       |        |        | 901   | -0.2   | -1.5   | -2.3  | 1.6   | -3.2  | -37.19 |
|      |     |     |          |          |       |        |        | 900   | -0.9   | -1.7   | -2.3  | 1.0   | -3.6  | -39.94 |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |       |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | -0.7   | -2.7   |       |       |       |        |
|      |     |     |          |          |       |        |        | 980   | -0.4   | -2.4   |       |       |       |        |
|      |     |     |          |          |       |        |        | 981   | -0.4   | -3.0   |       |       |       |        |
|      |     |     |          |          |       |        |        | 901   | -0.9   | -3.0   |       |       |       |        |
|      |     |     |          |          |       |        |        | 900   | -0.9   | -2.4   |       |       |       |        |
| ELEM | MAT | SEC | LC       | NODE     | Fxx   | Fyy    | Fxy    | Fmax  | Fmin   | ANGLE  |       |       |       |        |
| 1235 | 1   | 1   | VERIFI-1 | Cent     | -32.4 | -324.6 | -20.2  | -31.1 | -326.0 | -3.93  |       |       |       |        |
|      |     |     |          | 981      | -38.1 | -324.8 | -20.5  | -36.7 | -326.3 | -4.06  |       |       |       |        |
|      |     |     |          | 982      | -38.1 | -324.3 | -14.1  | -37.5 | -325.0 | -2.81  |       |       |       |        |
|      |     |     |          | 902      | -26.9 | -324.3 | -19.9  | -25.6 | -325.6 | -3.81  |       |       |       |        |
|      |     |     |          | 901      | -26.9 | -324.8 | -26.3  | -24.6 | -327.1 | -5.00  |       |       |       |        |
|      |     |     |          |          |       |        |        | NODE  | Mxx    | Myy    | Mxy   | Mmax  | Mmin  | ANGLE  |
|      |     |     |          |          |       |        |        | Cent  | 4.8    | 75.1   | -62.7 | 111.8 | -31.9 | -59.65 |
|      |     |     |          |          |       |        |        | 981   | 12.5   | 107.5  | -57.2 | 134.4 | -14.3 | -64.87 |
|      |     |     |          |          |       |        |        | 982   | 14.9   | 88.8   | -60.2 | 122.4 | -18.8 | -60.78 |
|      |     |     |          |          |       |        |        | 902   | -0.3   | 47.1   | -67.7 | 95.1  | -48.4 | -54.63 |
|      |     |     |          |          |       |        |        | 901   | -7.8   | 57.1   | -64.7 | 97.1  | -47.7 | -58.31 |
|      |     |     |          |          |       |        |        | NODE  | Vxx    | Vyy    |       |       |       |        |
|      |     |     |          |          |       |        |        | Cent  | 2.1    | 59.5   |       |       |       |        |
|      |     |     |          |          |       |        |        | 981   | 5.7    | 64.7   |       |       |       |        |
|      |     |     |          |          |       |        |        | 982   | 5.7    | 54.3   |       |       |       |        |
|      |     |     |          |          |       |        |        | 902   | -1.5   | 54.3   |       |       |       |        |
|      |     |     |          |          |       |        |        | 901   | -1.5   | 64.7   |       |       |       |        |
|      |     |     |          | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax   | Fmin   | ANGLE |       |       |        |
|      |     |     |          | VER.TR-1 | Cent  | 2.5    | -287.7 | 59.8  | 14.4   | -299.6 | 11.21 |       |       |        |
|      |     |     |          |          | 981   | -9.2   | -294.9 | 57.0  | 1.8    | -305.8 | 10.88 |       |       |        |
|      |     |     |          |          | 982   | -9.2   | -280.7 | 57.4  | 2.4    | -292.3 | 11.46 |       |       |        |
|      |     |     |          |          | 902   | 14.5   | -280.7 | 62.7  | 27.2   | -293.5 | 11.51 |       |       |        |
|      |     |     |          |          | 901   | 14.5   | -294.9 | 62.3  | 26.5   | -306.9 | 10.97 |       |       |        |



Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | 0.0    | -2.6  | -2.2   | 1.2   | -3.9  | -29.27 |       |
|      |     |     |          |      |       |        |       | 981      | -0.8   | -4.0  | -2.2   | 0.3   | -5.1  | -27.18 |       |
|      |     |     |          |      |       |        |       | 982      | -0.1   | -4.1  | -2.1   | 0.8   | -5.0  | -23.10 |       |
|      |     |     |          |      |       |        |       | 902      | 1.1    | -1.0  | -2.1   | 2.4   | -2.3  | -31.33 |       |
|      |     |     |          |      |       |        |       | 901      | -0.2   | -1.5  | -2.2   | 1.5   | -3.1  | -36.95 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -1.4   | -3.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 981      | -1.0   | -3.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 982      | -1.0   | -3.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 902      | -1.8   | -3.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 901      | -1.8   | -3.2  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1236 | 1   | 1   | VERIFI-1 | Cent | -25.9 | -321.6 | -16.1 | -25.0    | -322.4 | -3.12 |        |       |       |        |       |
|      |     |     |          | 982  | -33.3 | -323.0 | -17.5 | -32.2    | -324.0 | -3.44 |        |       |       |        |       |
|      |     |     |          | 983  | -33.3 | -320.0 | -9.2  | -33.0    | -320.3 | -1.83 |        |       |       |        |       |
|      |     |     |          | 903  | -18.6 | -320.0 | -14.8 | -17.9    | -320.8 | -2.81 |        |       |       |        |       |
|      |     |     |          | 902  | -18.6 | -323.0 | -23.1 | -16.9    | -324.7 | -4.32 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 12.3   | 59.8  | -67.1  | 107.2 | -35.2 | -54.75 |       |
|      |     |     |          |      |       |        |       | 982      | 14.9   | 88.8  | -61.8  | 123.8 | -20.2 | -60.44 |       |
|      |     |     |          |      |       |        |       | 983      | 20.4   | 68.1  | -63.0  | 111.6 | -23.1 | -55.36 |       |
|      |     |     |          |      |       |        |       | 903      | 14.1   | 35.3  | -71.9  | 97.4  | -48.0 | -49.18 |       |
|      |     |     |          |      |       |        |       | 902      | -0.3   | 47.0  | -70.7  | 97.9  | -51.2 | -54.26 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -3.4   | 46.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 982      | 2.9    | 51.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 983      | 2.9    | 41.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 903      | -9.6   | 41.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 902      | -9.6   | 51.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | 9.7   | -269.2 | 76.3  | 29.2  | -288.7 | 14.35 |
|      |     |     |          |      |       |        |       |          | 982    | -6.3  | -279.5 | 72.3  | 11.7  | -297.5 | 13.95 |
|      |     |     |          |      |       |        |       |          | 983    | -6.3  | -258.7 | 71.4  | 12.5  | -277.6 | 14.75 |
|      |     |     |          |      |       |        |       |          | 903    | 25.6  | -258.7 | 80.3  | 46.8  | -279.9 | 14.73 |
|      |     |     |          |      |       |        |       |          | 902    | 25.6  | -279.5 | 81.2  | 45.9  | -299.8 | 14.02 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 1.4    | -2.4  | -1.7   | 2.1   | -3.0  | -21.11 |       |
|      |     |     |          |      |       |        |       | 982      | -0.1   | -4.1  | -1.9   | 0.7   | -4.8  | -21.55 |       |
|      |     |     |          |      |       |        |       | 983      | 1.1    | -4.2  | -1.5   | 1.5   | -4.6  | -14.67 |       |
|      |     |     |          |      |       |        |       | 903      | 3.5    | -0.2  | -1.5   | 4.0   | -0.7  | -19.82 |       |
|      |     |     |          |      |       |        |       | 902      | 1.1    | -1.0  | -1.9   | 2.2   | -2.1  | -29.92 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -2.5   | -4.8  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 982      | -1.6   | -4.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 983      | -1.6   | -5.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 903      | -3.3   | -5.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 902      | -3.3   | -4.2  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1237 | 1   | 1   | VERIFI-1 | Cent | -19.4 | -313.9 | -15.2 | -18.6    | -314.7 | -2.95 |        |       |       |        |       |
|      |     |     |          | 983  | -26.6 | -318.5 | -16.9 | -25.6    | -319.5 | -3.31 |        |       |       |        |       |
|      |     |     |          | 984  | -26.6 | -309.2 | -10.6 | -26.2    | -309.6 | -2.14 |        |       |       |        |       |
|      |     |     |          | 904  | -12.2 | -309.2 | -13.5 | -11.6    | -309.8 | -2.59 |        |       |       |        |       |
|      |     |     |          | 903  | -12.2 | -318.5 | -19.8 | -10.9    | -319.8 | -3.68 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 23.2   | 43.2  | -66.3  | 100.3 | -33.9 | -49.30 |       |
|      |     |     |          |      |       |        |       | 983      | 20.6   | 68.1  | -62.4  | 111.2 | -22.5 | -55.41 |       |
|      |     |     |          |      |       |        |       | 984      | 23.9   | 44.1  | -60.0  | 94.8  | -26.8 | -49.77 |       |
|      |     |     |          |      |       |        |       | 904      | 34.0   | 25.4  | -69.4  | 99.3  | -39.8 | -43.23 |       |
|      |     |     |          |      |       |        |       | 903      | 14.2   | 35.3  | -71.9  | 97.4  | -47.9 | -49.17 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -5.0   | 27.4  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 983      | 6.6    | 35.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 984      | 6.6    | 18.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 904      | -16.7  | 18.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 903      | -16.7  | 35.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | 14.1  | -246.6 | 95.7  | 45.5  | -277.9 | 18.15 |
|      |     |     |          |      |       |        |       |          | 983    | -7.5  | -258.5 | 93.6  | 23.6  | -289.6 | 18.37 |
|      |     |     |          |      |       |        |       |          | 984    | -7.5  | -234.2 | 89.2  | 23.4  | -265.1 | 19.10 |
|      |     |     |          |      |       |        |       |          | 904    | 35.0  | -234.2 | 97.8  | 66.8  | -266.0 | 18.01 |
|      |     |     |          |      |       |        |       |          | 903    | 35.0  | -258.5 | 102.3 | 67.1  | -290.6 | 17.44 |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|-------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |       | Cent     | 3.6    | -1.9  | -0.5   | 3.6   | -1.9  | -4.81  |       |
|      |     |     |          |      |       |        |       | 983      | 1.1    | -4.2  | -1.0   | 1.3   | -4.4  | -9.82  |       |
|      |     |     |          |      |       |        |       | 984      | 2.5    | -3.3  | -0.0   | 2.5   | -3.3  | -0.07  |       |
|      |     |     |          |      |       |        |       | 904      | 7.1    | 0.2   | 0.1    | 7.1   | 0.2   | 0.56   |       |
|      |     |     |          |      |       |        |       | 903      | 3.4    | -0.2  | -0.9   | 3.7   | -0.4  | -13.02 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -3.7   | -5.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 983      | -2.1   | -6.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 984      | -2.1   | -5.6  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 904      | -5.2   | -5.6  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 903      | -5.2   | -6.2  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1238 | 1   | 1   | VERIFI-1 | Cent | -14.9 | -298.6 | -23.2 | -13.0    | -300.4 | -4.65 |        |       |       |        |       |
|      |     |     |          | 984  | -20.0 | -308.0 | -22.2 | -18.3    | -309.7 | -4.39 |        |       |       |        |       |
|      |     |     |          | 728  | -20.0 | -289.3 | -26.9 | -17.3    | -292.0 | -5.64 |        |       |       |        |       |
|      |     |     |          | 578  | -9.5  | -289.3 | -24.2 | -7.4     | -291.4 | -4.91 |        |       |       |        |       |
|      |     |     |          | 904  | -9.5  | -308.0 | -19.6 | -8.2     | -309.3 | -3.74 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 31.7   | 28.6  | -55.1  | 85.3  | -25.0 | -44.19 |       |
|      |     |     |          |      |       |        |       | 984      | 24.2   | 44.2  | -56.2  | 91.2  | -22.9 | -50.05 |       |
|      |     |     |          |      |       |        |       | 728      | 17.3   | 31.8  | -47.0  | 72.1  | -23.1 | -49.37 |       |
|      |     |     |          |      |       |        |       | 578      | 51.0   | 13.0  | -53.6  | 88.9  | -24.9 | -35.24 |       |
|      |     |     |          |      |       |        |       | 904      | 34.4   | 25.5  | -62.7  | 92.9  | -32.9 | -42.97 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | 1.1    | 9.6   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 984      | 17.6   | 9.5   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 728      | 17.6   | 9.7   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 578      | -15.4  | 9.7   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 904      | -15.4  | 9.5   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | 16.6  | -222.8 | 114.9 | 62.9  | -269.0 | 21.92 |
|      |     |     |          |      |       |        |       |          | 984    | -10.3 | -233.8 | 118.3 | 40.7  | -284.8 | 23.31 |
|      |     |     |          |      |       |        |       |          | 728    | -10.3 | -211.2 | 107.7 | 36.6  | -258.0 | 23.50 |
|      |     |     |          |      |       |        |       |          | 578    | 42.6  | -211.2 | 111.6 | 84.7  | -253.3 | 20.66 |
|      |     |     |          |      |       |        |       |          | 904    | 42.6  | -233.8 | 122.2 | 88.8  | -280.1 | 20.74 |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 6.2    | -1.4  | 2.5    | 6.9   | -2.1  | 16.68  |       |
|      |     |     |          |      |       |        |       | 984      | 2.6    | -3.3  | 1.5    | 2.9   | -3.7  | 13.64  |       |
|      |     |     |          |      |       |        |       | 728      | 2.3    | -4.8  | 3.8    | 3.9   | -6.4  | 23.51  |       |
|      |     |     |          |      |       |        |       | 578      | 12.8   | 2.4   | 3.7    | 14.0  | 1.2   | 17.75  |       |
|      |     |     |          |      |       |        |       | 904      | 7.1    | 0.2   | 1.4    | 7.4   | -0.0  | 11.32  |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -3.7   | -9.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 984      | 0.5    | -7.5  |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 728      | 0.5    | -11.8 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 578      | -8.0   | -11.8 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 904      | -8.0   | -7.5  |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1307 | 11  | 2   | VERIFI-1 | Cent | -6.5  | -139.5 | 12.2  | -5.4     | -140.6 | 5.18  |        |       |       |        |       |
|      |     |     |          | 1048 | -21.3 | -114.0 | 9.6   | -20.4    | -115.0 | 5.84  |        |       |       |        |       |
|      |     |     |          | 1049 | -21.3 | -161.9 | 30.6  | -15.0    | -168.2 | 11.76 |        |       |       |        |       |
|      |     |     |          | 1050 | 2.8   | -161.9 | 14.8  | 4.1      | -163.2 | 5.08  |        |       |       |        |       |
|      |     |     |          | 1051 | 2.8   | -114.0 | -6.2  | 3.1      | -114.4 | -3.05 |        |       |       |        |       |
|      |     |     |          |      |       |        |       | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |       | Cent     | 1.5    | 10.1  | -0.6   | 10.1  | 1.4   | -85.88 |       |
|      |     |     |          |      |       |        |       | 1048     | 2.7    | 13.3  | -0.1   | 13.3  | 2.7   | -89.48 |       |
|      |     |     |          |      |       |        |       | 1049     | 2.4    | 12.2  | -0.5   | 12.2  | 2.4   | -87.21 |       |
|      |     |     |          |      |       |        |       | 1050     | 1.3    | 6.9   | -1.1   | 7.1   | 1.1   | -79.18 |       |
|      |     |     |          |      |       |        |       | 1051     | -0.6   | 7.9   | -0.7   | 7.9   | -0.6  | -85.14 |       |
|      |     |     |          |      |       |        |       | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | Cent     | -0.5   | 7.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 1048     | 1.1    | 7.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 1049     | 1.1    | 7.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 1050     | -2.0   | 7.0   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | 1051     | -2.0   | 7.1   |        |       |       |        |       |
|      |     |     |          |      |       |        |       | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |       | VER.TR-1 | Cent   | 8.6   | -38.6  | 28.3  | 21.8  | -51.9  | 25.07 |
|      |     |     |          |      |       |        |       |          | 1048   | 1.7   | 22.6   | 30.5  | 44.4  | -20.1  | 54.47 |
|      |     |     |          |      |       |        |       |          | 1049   | 1.7   | -95.5  | 50.8  | 23.4  | -117.2 | 23.14 |
|      |     |     |          |      |       |        |       |          | 1050   | 7.4   | -95.5  | 26.1  | 13.6  | -101.7 | 13.44 |
|      |     |     |          |      |       |        |       |          | 1051   | 7.4   | 22.6   | 5.8   | 24.6  | 5.5    | 71.46 |

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|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|------|-----|-----|----------|------|-------|--------|------|-------|--------|--------|
|      |     |     |          | Cent | -45.6 | -290.6 | 28.2 | -42.4 | -293.8 | 6.49   |
|      |     |     |          | 1048 | -89.6 | -448.2 | 10.3 | -89.3 | -448.5 | 1.65   |
|      |     |     |          | 1049 | -76.7 | -383.7 | 18.8 | -75.6 | -384.9 | 3.50   |
|      |     |     |          | 1050 | -36.8 | -154.2 | 43.2 | -22.7 | -168.4 | 18.17  |
|      |     |     |          | 1051 | 20.7  | -176.3 | 34.6 | 26.6  | -182.2 | 9.69   |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | 3.6   | -313.4 |      |       |        |        |
|      |     |     |          | 1048 | -48.1 | -338.8 |      |       |        |        |
|      |     |     |          | 1049 | -48.1 | -287.9 |      |       |        |        |
|      |     |     |          | 1050 | 55.3  | -287.9 |      |       |        |        |
|      |     |     |          | 1051 | 55.3  | -338.8 |      |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
| 1315 | 11  | 2   | VERIFI-1 | Cent | -23.2 | -163.5 | 30.1 | -17.0 | -169.7 | 11.63  |
|      |     |     |          | 1049 | -33.4 | -160.0 | 30.6 | -26.4 | -167.0 | 12.89  |
|      |     |     |          | 1070 | -33.4 | -167.3 | 36.4 | -24.1 | -176.6 | 14.25  |
|      |     |     |          | 1071 | -12.5 | -167.3 | 29.7 | -7.0  | -172.8 | 10.50  |
|      |     |     |          | 1050 | -12.5 | -160.0 | 23.9 | -8.8  | -163.8 | 8.99   |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 1.6   | 8.7    | -1.0 | 8.8   | 1.5    | -82.40 |
|      |     |     |          | 1049 | 2.4   | 12.2   | -0.5 | 12.2  | 2.4    | -87.14 |
|      |     |     |          | 1070 | 2.0   | 9.8    | -0.6 | 9.8   | 1.9    | -85.90 |
|      |     |     |          | 1071 | 0.9   | 5.9    | -1.4 | 6.3   | 0.5    | -75.68 |
|      |     |     |          | 1050 | 1.2   | 6.8    | -1.3 | 7.1   | 0.9    | -77.62 |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | 1.6   | 5.6    |      |       |        |        |
|      |     |     |          | 1049 | 1.7   | 6.5    |      |       |        |        |
|      |     |     |          | 1070 | 1.7   | 4.8    |      |       |        |        |
|      |     |     |          | 1071 | 1.5   | 4.8    |      |       |        |        |
|      |     |     |          | 1050 | 1.5   | 6.5    |      |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -13.2 | -117.4 | 50.5 | 7.3   | -137.8 | 22.04  |
|      |     |     |          | 1049 | -23.4 | -93.1  | 50.8 | 3.4   | -119.9 | 27.77  |
|      |     |     |          | 1070 | -23.4 | -141.6 | 58.0 | 0.3   | -165.3 | 22.21  |
|      |     |     |          | 1071 | -3.1  | -141.6 | 50.1 | 13.1  | -157.8 | 17.94  |
|      |     |     |          | 1050 | -3.1  | -93.1  | 43.0 | 14.1  | -110.3 | 21.83  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -50.7 | -242.9 | 31.5 | -45.7 | -247.9 | 9.08   |
|      |     |     |          | 1049 | -76.7 | -383.7 | 18.3 | -75.7 | -384.8 | 3.41   |
|      |     |     |          | 1070 | -60.3 | -301.6 | 16.9 | -59.2 | -302.8 | 3.98   |
|      |     |     |          | 1071 | -30.8 | -132.3 | 42.2 | -15.5 | -147.6 | 19.87  |
|      |     |     |          | 1050 | -35.0 | -153.8 | 43.7 | -20.7 | -168.2 | 18.16  |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | -45.6 | -237.4 |      |       |        |        |
|      |     |     |          | 1049 | -54.5 | -273.8 |      |       |        |        |
|      |     |     |          | 1070 | -54.5 | -201.0 |      |       |        |        |
|      |     |     |          | 1071 | -36.6 | -201.0 |      |       |        |        |
|      |     |     |          | 1050 | -36.6 | -273.8 |      |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
| 1316 | 11  | 2   | VERIFI-1 | Cent | -35.2 | -166.8 | 36.7 | -25.7 | -176.3 | 14.57  |
|      |     |     |          | 1070 | -34.7 | -169.2 | 36.4 | -25.5 | -178.4 | 14.20  |
|      |     |     |          | 1072 | -34.7 | -165.0 | 33.8 | -26.5 | -173.2 | 13.70  |
|      |     |     |          | 1073 | -34.6 | -165.0 | 37.0 | -24.9 | -174.7 | 14.78  |
|      |     |     |          | 1071 | -34.6 | -169.2 | 39.6 | -23.9 | -180.0 | 15.22  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | 1.0   | 6.7    | -1.2 | 7.0   | 0.8    | -78.46 |
|      |     |     |          | 1070 | 2.0   | 9.8    | -0.5 | 9.8   | 1.9    | -86.02 |
|      |     |     |          | 1072 | 1.4   | 6.9    | -0.8 | 7.0   | 1.3    | -82.29 |
|      |     |     |          | 1073 | -0.1  | 4.3    | -1.8 | 5.0   | -0.8   | -69.99 |
|      |     |     |          | 1071 | 0.9   | 5.9    | -1.6 | 6.4   | 0.4    | -73.59 |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | 2.4   | 4.2    |      |       |        |        |
|      |     |     |          | 1070 | 2.1   | 5.0    |      |       |        |        |
|      |     |     |          | 1072 | 2.1   | 3.4    |      |       |        |        |
|      |     |     |          | 1073 | 2.7   | 3.4    |      |       |        |        |
|      |     |     |          | 1071 | 2.7   | 5.0    |      |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -31.4 | -158.8 | 59.5 | -8.0  | -182.2 | 21.52  |
|      |     |     |          | 1070 | -33.5 | -143.9 | 58.0 | -8.7  | -168.7 | 23.19  |
|      |     |     |          | 1072 | -33.5 | -174.4 | 56.5 | -13.6 | -194.3 | 19.36  |
|      |     |     |          | 1073 | -27.8 | -174.4 | 60.9 | -5.8  | -196.5 | 19.87  |
|      |     |     |          | 1071 | -27.8 | -143.9 | 62.4 | -0.6  | -171.1 | 23.54  |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|------|-------|--------|-------|
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1070  |     |     |          |      |       |        |      |       |        |       |
| 1072  |     |     |          |      |       |        |      |       |        |       |
| 1073  |     |     |          |      |       |        |      |       |        |       |
| 1071  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1070  |     |     |          |      |       |        |      |       |        |       |
| 1072  |     |     |          |      |       |        |      |       |        |       |
| 1073  |     |     |          |      |       |        |      |       |        |       |
| 1071  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1317  | 11  | 2   | VERIFI-1 | Cent | -41.1 | -167.3 | 32.9 | -33.0 | -175.3 | 13.78 |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1072  |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| 1073  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1072  |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| 1073  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1072  |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| 1073  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | LC       | Cent | -45.0 | -195.6 | 57.4 | -25.6 | -215.0 | 18.66 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | VER.TR-1 | 1072 | -42.3 | -176.1 | 56.5 | -21.6 | -196.8 | 20.09 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1074 | -42.3 | -216.6 | 49.4 | -29.3 | -229.7 | 14.77 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1075 | -45.0 | -216.6 | 58.3 | -27.1 | -234.6 | 17.10 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1073 | -45.0 | -176.1 | 65.4 | -18.0 | -203.2 | 22.47 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1072  |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| 1073  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1072  |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| 1073  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1318  | 11  | 2   | VERIFI-1 | Cent | -47.0 | -178.5 | 24.8 | -42.5 | -183.0 | 10.32 |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1076  |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1076  |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1074  |     |     |          |      |       |        |      |       |        |       |
| 1076  |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | LC       | Cent | -60.7 | -251.8 | 48.6 | -49.0 | -263.4 | 13.47 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | VER.TR-1 | 1074 | -56.4 | -217.7 | 49.4 | -42.4 | -231.6 | 15.74 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1076 | -56.4 | -288.7 | 36.5 | -50.7 | -294.3 | 8.73  |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1077 | -59.8 | -288.7 | 47.7 | -50.3 | -298.3 | 11.32 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1075 | -59.8 | -217.7 | 60.6 | -39.2 | -238.3 | 18.76 |
| ----- |     |     |          |      |       |        |      |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|       |     |     |          |      |       |        |      | NODE  | Mxx    | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |  |
|-------|-----|-----|----------|------|-------|--------|------|-------|--------|--------|------|-------|--------|-------|--|
|       |     |     |          |      |       |        |      | Cent  | -23.0  | -98.0  | 23.8 | -16.1 | -104.9 | 16.19 |  |
|       |     |     |          |      |       |        |      | 1074  | -33.6  | -167.9 | 13.8 | -32.2 | -169.3 | 5.81  |  |
|       |     |     |          |      |       |        |      | 1076  | -22.3  | -111.7 | 11.5 | -20.9 | -113.2 | 7.22  |  |
|       |     |     |          |      |       |        |      | 1077  | -18.4  | -42.0  | 32.5 | 4.4   | -64.8  | 35.03 |  |
|       |     |     |          |      |       |        |      | 1075  | -17.6  | -70.4  | 34.8 | -0.3  | -87.7  | 26.41 |  |
|       |     |     |          |      |       |        |      | NODE  | Vxx    | Vyy    |      |       |        |       |  |
|       |     |     |          |      |       |        |      | Cent  | -32.8  | -97.0  |      |       |        |       |  |
|       |     |     |          |      |       |        |      | 1074  | -41.7  | -113.7 |      |       |        |       |  |
|       |     |     |          |      |       |        |      | 1076  | -41.7  | -80.3  |      |       |        |       |  |
|       |     |     |          |      |       |        |      | 1077  | -24.0  | -80.3  |      |       |        |       |  |
|       |     |     |          |      |       |        |      | 1075  | -24.0  | -113.7 |      |       |        |       |  |
|       |     |     |          |      |       |        |      | ----- |        |        |      |       |        |       |  |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |      |       |        |       |  |
| 1319  | 11  | 2   | VERIFI-1 | Cent | -57.3 | -213.4 | 11.2 | -56.5 | -214.2 | 4.10   |      |       |        |       |  |
|       |     |     |          | 1076 | -48.5 | -188.2 | 16.7 | -46.5 | -190.2 | 6.70   |      |       |        |       |  |
|       |     |     |          | 1078 | -48.5 | -241.3 | 1.1  | -48.5 | -241.3 | 0.32   |      |       |        |       |  |
|       |     |     |          | 1079 | -61.2 | -241.3 | 5.8  | -61.0 | -241.5 | 1.86   |      |       |        |       |  |
|       |     |     |          | 1077 | -61.2 | -188.2 | 21.4 | -57.7 | -191.7 | 9.32   |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |      |       |        |       |  |
|       |     |     |          | Cent | -1.0  | -5.6   | -4.7 | 1.9   | -8.5   | -32.17 |      |       |        |       |  |
|       |     |     |          | 1076 | -1.4  | -7.1   | -2.9 | -0.2  | -8.3   | -22.60 |      |       |        |       |  |
|       |     |     |          | 1078 | -4.3  | -21.6  | -2.8 | -3.9  | -22.0  | -9.03  |      |       |        |       |  |
|       |     |     |          | 1079 | 4.2   | 5.2    | -5.7 | 10.4  | -1.0   | -47.56 |      |       |        |       |  |
|       |     |     |          | 1077 | -2.6  | 1.2    | -5.7 | 5.3   | -6.8   | -54.24 |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |      |       |        |       |  |
|       |     |     |          | Cent | 0.6   | -21.1  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1076 | 7.7   | -10.0  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1078 | 7.7   | -32.2  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1079 | -6.6  | -32.2  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1077 | -6.6  | -10.0  |      |       |        |        |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |      |       |        |       |  |
|       |     |     | VER.TR-1 | Cent | -85.8 | -367.6 | 26.5 | -83.3 | -370.0 | 5.32   |      |       |        |       |  |
|       |     |     |          | 1076 | -89.1 | -286.8 | 36.5 | -82.5 | -293.3 | 10.14  |      |       |        |       |  |
|       |     |     |          | 1078 | -89.1 | -455.6 | 13.0 | -88.6 | -456.0 | 2.03   |      |       |        |       |  |
|       |     |     |          | 1079 | -69.1 | -455.6 | 16.4 | -68.4 | -456.3 | 2.43   |      |       |        |       |  |
|       |     |     |          | 1077 | -69.1 | -286.8 | 39.9 | -62.0 | -293.9 | 10.07  |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |      |       |        |       |  |
|       |     |     |          | Cent | -16.1 | -59.4  | 17.4 | -9.9  | -65.5  | 19.42  |      |       |        |       |  |
|       |     |     |          | 1076 | -22.3 | -111.7 | 10.3 | -21.2 | -112.9 | 6.51   |      |       |        |       |  |
|       |     |     |          | 1078 | -14.9 | -74.5  | 7.5  | -14.0 | -75.4  | 7.04   |      |       |        |       |  |
|       |     |     |          | 1079 | -8.1  | -9.1   | 24.4 | 15.8  | -33.0  | 44.36  |      |       |        |       |  |
|       |     |     |          | 1077 | -19.0 | -42.1  | 27.3 | -0.9  | -60.2  | 33.53  |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |      |       |        |       |  |
|       |     |     |          | Cent | -33.9 | -76.8  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1076 | -31.3 | -79.3  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1078 | -31.3 | -74.2  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1079 | -36.4 | -74.2  |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1077 | -36.4 | -79.3  |      |       |        |        |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |      |       |        |       |  |
| 1340  | 11  | 2   | VERIFI-1 | Cent | -1.7  | -156.2 | 24.0 | 2.0   | -159.9 | 8.64   |      |       |        |       |  |
|       |     |     |          | 1051 | -9.1  | -148.7 | 19.8 | -6.3  | -151.5 | 7.91   |      |       |        |       |  |
|       |     |     |          | 1050 | -9.1  | -164.7 | 47.1 | 4.1   | -177.8 | 15.60  |      |       |        |       |  |
|       |     |     |          | 1110 | 7.4   | -164.7 | 28.3 | 11.9  | -169.2 | 9.11   |      |       |        |       |  |
|       |     |     |          | 1111 | 7.4   | -148.7 | 1.0  | 7.4   | -148.7 | 0.37   |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |      |       |        |       |  |
|       |     |     |          | Cent | 0.2   | 5.8    | -1.8 | 6.3   | -0.3   | -73.72 |      |       |        |       |  |
|       |     |     |          | 1051 | -0.6  | 7.9    | -1.6 | 8.2   | -0.9   | -79.57 |      |       |        |       |  |
|       |     |     |          | 1050 | 1.3   | 6.9    | -1.5 | 7.3   | 0.9    | -75.83 |      |       |        |       |  |
|       |     |     |          | 1110 | 0.2   | 4.0    | -1.9 | 4.8   | -0.6   | -67.29 |      |       |        |       |  |
|       |     |     |          | 1111 | -0.2  | 4.2    | -2.0 | 5.0   | -1.0   | -68.42 |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |      |       |        |       |  |
|       |     |     |          | Cent | -1.1  | 3.8    |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1051 | -2.2  | 4.3    |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1050 | -2.2  | 3.3    |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1110 | -0.1  | 3.3    |      |       |        |        |      |       |        |       |  |
|       |     |     |          | 1111 | -0.1  | 4.3    |      |       |        |        |      |       |        |       |  |
| ----- |     |     |          |      |       |        |      |       |        |        |      |       |        |       |  |
|       |     |     | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |      |       |        |       |  |
|       |     |     | VER.TR-1 | Cent | 0.6   | -80.7  | 34.1 | 13.0  | -93.1  | 19.99  |      |       |        |       |  |
|       |     |     |          | 1051 | -11.0 | -54.7  | 24.4 | -0.1  | -65.6  | 24.08  |      |       |        |       |  |
|       |     |     |          | 1050 | -11.0 | -107.0 | 68.1 | 24.3  | -142.3 | 27.42  |      |       |        |       |  |
|       |     |     |          | 1110 | 12.8  | -107.0 | 43.8 | 27.1  | -121.3 | 18.10  |      |       |        |       |  |
|       |     |     |          | 1111 | 12.8  | -54.7  | 0.1  | 12.8  | -54.7  | 0.06   |      |       |        |       |  |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|------|-------|--------|-------|
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1051  |     |     |          |      |       |        |      |       |        |       |
| 1050  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| 1111  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1051  |     |     |          |      |       |        |      |       |        |       |
| 1050  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| 1111  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1341  | 11  | 2   | VERIFI-1 | Cent | -71.9 | -205.3 | 68.8 | -42.8 | -234.5 | 22.94 |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1111  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| 1053  |     |     |          |      |       |        |      |       |        |       |
| 1052  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1111  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| 1053  |     |     |          |      |       |        |      |       |        |       |
| 1052  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1111  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| 1053  |     |     |          |      |       |        |      |       |        |       |
| 1052  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | LC       | Cent | -66.0 | -151.8 | 76.0 | -21.7 | -196.2 | 30.28 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | VER.TR-1 | 1111 | -19.7 | -223.4 | 84.3 | 10.6  | -253.8 | 19.80 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1110 | -19.7 | -88.9  | 56.0 | 11.5  | -120.1 | 29.13 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1053 | -96.1 | -88.9  | 67.7 | -24.7 | -160.3 | 46.52 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1052 | -96.1 | -223.4 | 96.0 | -44.6 | -275.0 | 28.23 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1111  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| 1053  |     |     |          |      |       |        |      |       |        |       |
| 1052  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1111  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| 1053  |     |     |          |      |       |        |      |       |        |       |
| 1052  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1342  | 11  | 2   | VERIFI-1 | Cent | -27.5 | -156.3 | 53.3 | -8.2  | -175.5 | 19.81 |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1050  |     |     |          |      |       |        |      |       |        |       |
| 1071  |     |     |          |      |       |        |      |       |        |       |
| 1112  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1050  |     |     |          |      |       |        |      |       |        |       |
| 1071  |     |     |          |      |       |        |      |       |        |       |
| 1112  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1050  |     |     |          |      |       |        |      |       |        |       |
| 1071  |     |     |          |      |       |        |      |       |        |       |
| 1112  |     |     |          |      |       |        |      |       |        |       |
| 1110  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | LC       | Cent | -18.7 | -116.6 | 78.9 | 25.2  | -160.5 | 29.10 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | VER.TR-1 | 1050 | -4.5  | -110.2 | 85.0 | 42.8  | -157.5 | 29.06 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1071 | -4.5  | -123.6 | 73.4 | 30.5  | -158.5 | 25.46 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1112 | -31.8 | -123.6 | 72.8 | 8.4   | -163.8 | 28.88 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1110 | -31.8 | -110.2 | 84.5 | 22.1  | -164.1 | 32.54 |
| ----- |     |     |          |      |       |        |      |       |        |       |

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|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|--|--|--|--|--|--|--|--|----------|-------|--------|----------|-------|--------|--------|-------|-------|--------|-------|
|  |  |  |  |  |  |  |  | Cent     | -20.5 | -84.2  | 58.6     | 14.3  | -119.0 | 30.75  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1050     | -35.0 | -153.9 | 55.1     | -13.4 | -175.5 | 21.40  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1071     | -30.7 | -132.0 | 55.5     | -6.2  | -156.4 | 23.80  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | -8.1  | -24.3  | 61.4     | 45.7  | -78.1  | 41.23  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1110     | -8.3  | -26.4  | 61.0     | 44.3  | -79.0  | 40.78  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -10.4 | -141.7 |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1050     | -13.4 | -153.6 |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1071     | -13.4 | -129.7 |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | -7.4  | -129.7 |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1110     | -7.4  | -153.6 |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT   | SEC    | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1343     | 11    | 2      | VERIFI-1 | Cent  | -47.7  | -124.4 | 54.4  | -19.4 | -152.6 | 27.41 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1110  | -35.1  | -134.2 | 69.6  | 0.8   | -170.1 | 27.27 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1112  | -35.1  | -115.3 | 49.3  | -11.7 | -138.7 | 25.43 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1080  | -58.8  | -115.3 | 39.3  | -38.7 | -135.4 | 27.13 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1053  | -58.8  | -134.2 | 59.6  | -26.0 | -167.0 | 28.83 |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -0.6  | 2.9    | -2.2     | 4.0   | -1.6   | -64.10 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1110     | 0.2   | 4.0    | -2.1     | 5.0   | -0.8   | -65.68 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | -0.5  | 3.6    | -2.3     | 4.7   | -1.5   | -65.84 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1080     | -1.6  | 2.1    | -2.2     | 3.2   | -2.6   | -64.79 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1053     | -0.4  | 1.9    | -2.1     | 3.1   | -1.6   | -59.20 |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 1.3   | 2.4    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1110     | 0.9   | 2.8    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | 0.9   | 2.0    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1080     | 1.7   | 2.0    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1053     | 1.7   | 2.8    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE  | Fxx    | Fyy      | Fxy   | Fmax   | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent  | -38.8  | -99.4    | 78.8  | 15.3   | -153.5 | 34.48 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1110  | -28.1  | -96.3    | 96.6  | 40.3   | -164.6 | 35.28 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1112  | -28.1  | -103.1   | 82.2  | 24.7   | -155.9 | 32.72 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1080  | -48.6  | -103.1   | 60.9  | -9.1   | -142.6 | 32.94 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1053  | -48.6  | -96.3    | 75.4  | 6.6    | -151.5 | 36.22 |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -1.7  | 0.5    | 60.3     | 59.8  | -60.9  | 45.53  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1110     | -7.2  | -20.8  | 60.9     | 47.3  | -75.3  | 41.81  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | -8.5  | -26.2  | 61.8     | 45.2  | -79.8  | 40.93  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1080     | 10.7  | 25.2   | 60.3     | 78.7  | -42.7  | 48.44  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1053     | -1.7  | 23.9   | 59.3     | 71.8  | -49.6  | 51.09  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -6.3  | -59.0  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1110     | 3.7   | -55.0  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | 3.7   | -63.0  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1080     | -16.4 | -63.0  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1053     | -16.4 | -55.0  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT   | SEC    | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1344     | 11    | 2      | VERIFI-1 | Cent  | -35.0  | -141.2 | 47.6  | -16.8 | -159.4 | 20.95 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1071  | -28.8  | -145.6 | 50.3  | -10.1 | -164.3 | 20.37 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1073  | -28.8  | -137.0 | 39.8  | -15.7 | -150.0 | 18.16 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1113  | -40.7  | -137.0 | 44.9  | -23.0 | -154.7 | 21.50 |
|  |  |  |  |  |  |  |  |          |       |        |          | 1112  | -40.7  | -145.6 | 55.5  | -16.8 | -169.5 | 23.29 |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -0.4  | 4.3    | -2.6     | 5.5   | -1.6   | -65.95 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1071     | 0.9   | 5.9    | -2.2     | 6.8   | 0.0    | -69.27 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1073     | -0.1  | 4.3    | -2.7     | 5.6   | -1.3   | -64.89 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1113     | -1.9  | 3.4    | -3.0     | 4.8   | -3.2   | -65.83 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | -0.5  | 3.6    | -2.6     | 4.8   | -1.7   | -64.32 |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 2.1   | 2.6    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1071     | 1.8   | 3.4    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1073     | 1.8   | 1.7    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1113     | 2.4   | 1.7    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1112     | 2.4   | 3.4    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE  | Fxx    | Fyy      | Fxy   | Fmax   | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent  | -25.4  | -137.4   | 79.8  | 16.1   | -178.9 | 27.47 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1071  | -22.9  | -125.2   | 85.7  | 25.7   | -173.8 | 29.57 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1073  | -22.9  | -150.1   | 75.4  | 12.2   | -185.1 | 24.93 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1113  | -27.0  | -150.1   | 73.9  | 7.6    | -184.7 | 25.11 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1112  | -27.0  | -125.2   | 84.1  | 21.3   | -173.5 | 29.87 |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy    | Mxy    | Mmax | Mmin   | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|------|----------|--------|--------|--------|------|--------|--------|-------|
|      |     |     |          |      |       |        |      | Cent     | -16.5  | -69.7  | 59.5   | 22.0 | -108.3 | 32.96  |       |
|      |     |     |          |      |       |        |      | 1071     | -30.8  | -132.0 | 54.8   | -6.8 | -156.0 | 23.64  |       |
|      |     |     |          |      |       |        |      | 1073     | -21.8  | -101.6 | 55.1   | 6.3  | -129.7 | 27.04  |       |
|      |     |     |          |      |       |        |      | 1113     | -5.7   | -21.0  | 63.1   | 50.2 | -76.9  | 41.52  |       |
|      |     |     |          |      |       |        |      | 1112     | -7.8   | -24.3  | 62.8   | 47.3 | -79.4  | 41.27  |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | Cent     | -17.8  | -113.4 |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1071     | -22.8  | -129.6 |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1073     | -22.8  | -97.1  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1113     | -12.8  | -97.1  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1112     | -12.8  | -129.6 |        |      |        |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax     | Fmin   | ANGLE  |        |      |        |        |       |
| 1345 | 11  | 2   | VERIFI-1 | Cent | -35.9 | -109.4 | 43.9 | -15.4    | -129.9 | 25.05  |        |      |        |        |       |
|      |     |     |          | 1112 | -35.6 | -112.8 | 54.3 | -7.6     | -140.8 | 27.31  |        |      |        |        |       |
|      |     |     |          | 1113 | -35.6 | -106.9 | 43.2 | -15.2    | -127.3 | 25.24  |        |      |        |        |       |
|      |     |     |          | 1082 | -34.6 | -106.9 | 33.5 | -21.5    | -120.1 | 21.42  |        |      |        |        |       |
|      |     |     |          | 1080 | -34.6 | -112.8 | 44.6 | -14.4    | -133.0 | 24.39  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy    | Mxy    | Mmax | Mmin   | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | -1.8   | 2.9    | -2.7   | 4.1  | -3.0   | -65.36 |       |
|      |     |     |          |      |       |        |      | 1112     | -0.5   | 3.6    | -2.6   | 4.9  | -1.7   | -64.13 |       |
|      |     |     |          |      |       |        |      | 1113     | -1.9   | 3.4    | -2.9   | 4.7  | -3.2   | -65.96 |       |
|      |     |     |          |      |       |        |      | 1082     | -3.2   | 2.3    | -2.8   | 3.5  | -4.4   | -67.38 |       |
|      |     |     |          |      |       |        |      | 1080     | -1.6   | 2.1    | -2.5   | 3.4  | -2.8   | -63.44 |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | Cent     | 2.1    | 2.0    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1112     | 1.9    | 2.3    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1113     | 1.9    | 1.8    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1082     | 2.3    | 1.8    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1080     | 2.3    | 2.3    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | LC       | NODE   | Fxx    | Fyy    | Fxy  | Fmax   | Fmin   | ANGLE |
|      |     |     |          |      |       |        |      | VER.TR-1 | Cent   | -20.1  | -110.9 | 75.1 | 22.3   | -153.3 | 29.41 |
|      |     |     |          |      |       |        |      | 1112     | -22.2  | -99.1  | 93.5   | 40.4 | -161.8 | 33.82  |       |
|      |     |     |          |      |       |        |      | 1113     | -22.2  | -123.4 | 81.6   | 23.2 | -168.8 | 29.09  |       |
|      |     |     |          |      |       |        |      | 1082     | -16.6  | -123.4 | 56.7   | 7.8  | -147.9 | 23.36  |       |
|      |     |     |          |      |       |        |      | 1080     | -16.6  | -99.1  | 68.6   | 22.2 | -137.9 | 29.49  |       |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy    | Mxy    | Mmax | Mmin   | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | 1.0    | -1.7   | 65.1   | 64.8 | -65.5  | 44.41  |       |
|      |     |     |          |      |       |        |      | 1112     | -8.2   | -26.1  | 64.2   | 47.7 | -82.0  | 41.03  |       |
|      |     |     |          |      |       |        |      | 1113     | -5.5   | -20.4  | 66.6   | 54.1 | -80.0  | 41.82  |       |
|      |     |     |          |      |       |        |      | 1082     | 7.3    | 14.5   | 65.4   | 76.3 | -54.6  | 46.58  |       |
|      |     |     |          |      |       |        |      | 1080     | 10.4   | 25.2   | 62.9   | 81.2 | -45.6  | 48.34  |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | Cent     | 1.8    | -55.3  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1112     | -2.4   | -65.1  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1113     | -2.4   | -45.4  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1082     | 6.1    | -45.4  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1080     | 6.1    | -65.1  |        |      |        |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax     | Fmin   | ANGLE  |        |      |        |        |       |
| 1346 | 11  | 2   | VERIFI-1 | Cent | -38.7 | -138.1 | 39.3 | -25.0    | -151.7 | 19.17  |        |      |        |        |       |
|      |     |     |          | 1073 | -38.8 | -137.7 | 41.7 | -23.5    | -152.9 | 20.07  |        |      |        |        |       |
|      |     |     |          | 1075 | -38.8 | -138.8 | 34.0 | -28.3    | -149.3 | 17.12  |        |      |        |        |       |
|      |     |     |          | 1114 | -38.0 | -138.8 | 36.9 | -25.9    | -150.8 | 18.09  |        |      |        |        |       |
|      |     |     |          | 1113 | -38.0 | -137.7 | 44.5 | -21.0    | -154.7 | 20.89  |        |      |        |        |       |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy    | Mxy    | Mmax | Mmin   | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | -1.7   | 3.5    | -3.7   | 5.4  | -3.6   | -62.30 |       |
|      |     |     |          |      |       |        |      | 1073     | -0.1   | 4.3    | -3.2   | 6.0  | -1.8   | -62.27 |       |
|      |     |     |          |      |       |        |      | 1075     | -1.4   | 2.5    | -3.9   | 4.9  | -3.8   | -58.32 |       |
|      |     |     |          |      |       |        |      | 1114     | -3.4   | 3.5    | -4.2   | 5.5  | -5.4   | -64.92 |       |
|      |     |     |          |      |       |        |      | 1113     | -1.8   | 3.4    | -3.5   | 5.2  | -3.6   | -63.51 |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | Cent     | 2.5    | 0.9    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1073     | 2.3    | 2.0    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1075     | 2.3    | -0.3   |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1114     | 2.6    | -0.3   |        |      |        |        |       |
|      |     |     |          |      |       |        |      | 1113     | 2.6    | 2.0    |        |      |        |        |       |
|      |     |     |          |      |       |        |      | LC       | NODE   | Fxx    | Fyy    | Fxy  | Fmax   | Fmin   | ANGLE |
|      |     |     |          |      |       |        |      | VER.TR-1 | Cent   | -28.9  | -168.1 | 74.4 | 3.4    | -200.4 | 23.46 |
|      |     |     |          |      |       |        |      | 1073     | -37.8  | -150.5 | 79.9   | 3.6  | -191.9 | 27.39  |       |
|      |     |     |          |      |       |        |      | 1075     | -37.8  | -186.3 | 71.3   | -9.1 | -215.0 | 21.92  |       |
|      |     |     |          |      |       |        |      | 1114     | -18.8  | -186.3 | 69.0   | 6.0  | -211.1 | 19.74  |       |
|      |     |     |          |      |       |        |      | 1113     | -18.8  | -150.5 | 77.6   | 17.1 | -186.4 | 24.83  |       |



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|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|------|-----|-----|----------|------|-------|--------|------|-------|--------|--------|
|      |     |     |          | Cent | -14.2 | -51.8  | 59.0 | 28.9  | -95.0  | 36.17  |
|      |     |     |          | 1073 | -22.0 | -101.6 | 54.1 | 5.4   | -129.0 | 26.81  |
|      |     |     |          | 1075 | -17.6 | -71.0  | 53.2 | 15.2  | -103.7 | 31.67  |
|      |     |     |          | 1114 | -11.7 | -13.7  | 62.9 | 50.3  | -75.6  | 44.54  |
|      |     |     |          | 1113 | -5.7  | -21.1  | 63.9 | 50.9  | -77.7  | 41.58  |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | -10.6 | -81.3  |      |       |        |        |
|      |     |     |          | 1073 | -18.2 | -95.3  |      |       |        |        |
|      |     |     |          | 1075 | -18.2 | -67.4  |      |       |        |        |
|      |     |     |          | 1114 | -3.0  | -67.4  |      |       |        |        |
|      |     |     |          | 1113 | -3.0  | -95.3  |      |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
| 1347 | 11  | 2   | VERIFI-1 | Cent | -25.7 | -106.1 | 35.5 | -12.2 | -119.6 | 20.72  |
|      |     |     |          | 1113 | -32.0 | -105.4 | 42.8 | -12.3 | -125.1 | 24.70  |
|      |     |     |          | 1114 | -32.0 | -107.3 | 36.0 | -17.6 | -121.7 | 21.84  |
|      |     |     |          | 1084 | -18.4 | -107.3 | 28.2 | -10.2 | -115.5 | 16.19  |
|      |     |     |          | 1082 | -18.4 | -105.4 | 35.1 | -6.0  | -117.8 | 19.43  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -3.4  | 3.0    | -3.5 | 4.5   | -5.0   | -66.33 |
|      |     |     |          | 1113 | -1.9  | 3.4    | -3.4 | 5.1   | -3.5   | -63.81 |
|      |     |     |          | 1114 | -3.4  | 3.8    | -3.9 | 5.5   | -5.1   | -66.24 |
|      |     |     |          | 1084 | -5.3  | 2.5    | -3.6 | 3.9   | -6.7   | -68.68 |
|      |     |     |          | 1082 | -3.2  | 2.3    | -3.1 | 3.7   | -4.6   | -65.90 |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | 2.2   | 2.1    |      |       |        |        |
|      |     |     |          | 1113 | 1.8   | 2.0    |      |       |        |        |
|      |     |     |          | 1114 | 1.8   | 2.2    |      |       |        |        |
|      |     |     |          | 1084 | 2.6   | 2.2    |      |       |        |        |
|      |     |     |          | 1082 | 2.6   | 2.0    |      |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -0.2  | -136.2 | 67.3 | 27.4  | -163.8 | 22.35  |
|      |     |     |          | 1113 | -12.3 | -119.6 | 85.2 | 34.8  | -166.7 | 28.90  |
|      |     |     |          | 1114 | -12.3 | -153.3 | 73.6 | 19.1  | -184.7 | 23.11  |
|      |     |     |          | 1084 | 13.0  | -153.3 | 49.3 | 26.5  | -166.8 | 15.33  |
|      |     |     |          | 1082 | 13.0  | -119.6 | 60.9 | 36.7  | -143.4 | 21.29  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -5.2  | -3.6   | 68.5 | 64.1  | -72.9  | 45.33  |
|      |     |     |          | 1113 | -5.6  | -20.4  | 67.5 | 54.9  | -80.9  | 41.87  |
|      |     |     |          | 1114 | -11.8 | -14.4  | 68.0 | 54.9  | -81.2  | 44.45  |
|      |     |     |          | 1084 | -10.7 | 5.9    | 68.6 | 66.7  | -71.5  | 48.45  |
|      |     |     |          | 1082 | 7.4   | 14.5   | 68.1 | 79.1  | -57.2  | 46.50  |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | 17.2  | -33.9  |      |       |        |        |
|      |     |     |          | 1113 | 8.5   | -42.7  |      |       |        |        |
|      |     |     |          | 1114 | 8.5   | -25.1  |      |       |        |        |
|      |     |     |          | 1084 | 25.9  | -25.1  |      |       |        |        |
|      |     |     |          | 1082 | 25.9  | -42.7  |      |       |        |        |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
| 1348 | 11  | 2   | VERIFI-1 | Cent | -40.0 | -146.2 | 30.1 | -32.1 | -154.1 | 14.77  |
|      |     |     |          | 1075 | -45.1 | -138.9 | 34.9 | -33.5 | -150.5 | 18.30  |
|      |     |     |          | 1077 | -45.1 | -153.9 | 26.4 | -39.0 | -160.0 | 12.94  |
|      |     |     |          | 1115 | -34.2 | -153.9 | 25.3 | -29.0 | -159.0 | 11.46  |
|      |     |     |          | 1114 | -34.2 | -138.9 | 33.8 | -24.2 | -148.9 | 16.40  |
|      |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE  |
|      |     |     |          | Cent | -2.6  | 3.0    | -5.1 | 6.0   | -5.6   | -59.44 |
|      |     |     |          | 1075 | -1.3  | 2.5    | -4.8 | 5.7   | -4.5   | -55.97 |
|      |     |     |          | 1077 | -2.5  | 1.5    | -5.4 | 5.3   | -6.2   | -55.28 |
|      |     |     |          | 1115 | -3.1  | 4.5    | -5.3 | 7.2   | -5.9   | -62.81 |
|      |     |     |          | 1114 | -3.5  | 3.5    | -4.7 | 5.9   | -5.8   | -63.26 |
|      |     |     |          | NODE | Vxx   | Vyy    |      |       |        |        |
|      |     |     |          | Cent | 0.6   | -1.5   |      |       |        |        |
|      |     |     |          | 1075 | 1.6   | -0.4   |      |       |        |        |
|      |     |     |          | 1077 | 1.6   | -2.7   |      |       |        |        |
|      |     |     |          | 1115 | -0.5  | -2.7   |      |       |        |        |
|      |     |     |          | 1114 | -0.5  | -0.4   |      |       |        |        |
|      |     |     | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE  |
|      |     |     | VER.TR-1 | Cent | -28.7 | -214.9 | 63.2 | -9.2  | -234.3 | 17.09  |
|      |     |     |          | 1075 | -48.2 | -186.0 | 73.6 | -16.3 | -217.9 | 23.45  |
|      |     |     |          | 1077 | -48.2 | -244.6 | 60.6 | -31.0 | -261.8 | 15.85  |
|      |     |     |          | 1115 | -7.6  | -244.6 | 52.9 | 3.7   | -255.8 | 12.02  |
|      |     |     |          | 1114 | -7.6  | -186.0 | 65.8 | 14.1  | -207.7 | 18.21  |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|------|-------|--------|-------|
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| 1114  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1075  |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| 1114  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1349  | 11  | 2   | VERIFI-1 | Cent | -17.9 | -109.8 | 24.7 | -11.7 | -116.0 | 14.16 |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1114  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| 1086  |     |     |          |      |       |        |      |       |        |       |
| 1084  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1114  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| 1086  |     |     |          |      |       |        |      |       |        |       |
| 1084  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1114  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| 1086  |     |     |          |      |       |        |      |       |        |       |
| 1084  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | LC       | Cent | 20.7  | -165.4 | 50.8 | 33.7  | -178.4 | 14.32 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | VER.TR-1 | 1114 | 3.0   | -149.3 | 70.4 | 30.6  | -176.9 | 21.38 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1115 | 3.0   | -182.0 | 50.6 | 16.0  | -194.9 | 14.33 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1086 | 39.2  | -182.0 | 31.2 | 43.5  | -186.3 | 7.88  |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1084 | 39.2  | -149.3 | 51.1 | 52.1  | -162.3 | 14.23 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1114  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| 1086  |     |     |          |      |       |        |      |       |        |       |
| 1084  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1114  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| 1086  |     |     |          |      |       |        |      |       |        |       |
| 1084  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1350  | 11  | 2   | VERIFI-1 | Cent | -37.4 | -166.8 | 14.6 | -35.8 | -168.4 | 6.35  |
| ----- |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1079  |     |     |          |      |       |        |      |       |        |       |
| 1116  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy  | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1079  |     |     |          |      |       |        |      |       |        |       |
| 1116  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
| Cent  |     |     |          |      |       |        |      |       |        |       |
| 1077  |     |     |          |      |       |        |      |       |        |       |
| 1079  |     |     |          |      |       |        |      |       |        |       |
| 1116  |     |     |          |      |       |        |      |       |        |       |
| 1115  |     |     |          |      |       |        |      |       |        |       |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy  | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | LC       | Cent | -17.5 | -276.5 | 24.6 | -15.2 | -278.8 | 5.38  |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     | VER.TR-1 | 1077 | -35.4 | -243.6 | 52.8 | -22.8 | -256.2 | 13.46 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1079 | -35.4 | -309.4 | 4.2  | -35.4 | -309.5 | 0.88  |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1116 | 0.4   | -309.4 | -3.7 | 0.5   | -309.4 | -0.68 |
| ----- |     |     |          |      |       |        |      |       |        |       |
|       |     |     |          | 1115 | 0.4   | -243.6 | 44.9 | 8.5   | -251.6 | 10.11 |
| ----- |     |     |          |      |       |        |      |       |        |       |

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|       |     |     |          |      |        |        |       | NODE  | Mxx    | Myy    | Mxy  | Mmax | Mmin  | ANGLE |  |
|-------|-----|-----|----------|------|--------|--------|-------|-------|--------|--------|------|------|-------|-------|--|
|       |     |     |          |      |        |        |       | Cent  | -27.6  | -18.8  | 41.5 | 18.6 | -64.9 | 48.02 |  |
|       |     |     |          |      |        |        |       | 1077  | -18.3  | -38.6  | 42.9 | 15.6 | -72.5 | 38.34 |  |
|       |     |     |          |      |        |        |       | 1079  | -10.6  | -22.0  | 32.4 | 16.6 | -49.2 | 40.02 |  |
|       |     |     |          |      |        |        |       | 1116  | -52.9  | -3.9   | 39.2 | 17.8 | -74.6 | 61.00 |  |
|       |     |     |          |      |        |        |       | 1115  | -28.5  | -10.7  | 49.7 | 30.9 | -70.1 | 50.10 |  |
|       |     |     |          |      |        |        |       | NODE  | Vxx    | Vyy    |      |      |       |       |  |
|       |     |     |          |      |        |        |       | Cent  | 4.1    | -12.2  |      |      |       |       |  |
|       |     |     |          |      |        |        |       | 1077  | -19.4  | -18.1  |      |      |       |       |  |
|       |     |     |          |      |        |        |       | 1079  | -19.4  | -6.2   |      |      |       |       |  |
|       |     |     |          |      |        |        |       | 1116  | 27.5   | -6.2   |      |      |       |       |  |
|       |     |     |          |      |        |        |       | 1115  | 27.5   | -18.1  |      |      |       |       |  |
|       |     |     |          |      |        |        |       | ----- |        |        |      |      |       |       |  |
| ELEM  | MAT | SEC | LC       | NODE | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |      |      |       |       |  |
| 1351  | 11  | 2   | VERIFI-1 | Cent | -10.3  | -118.4 | 6.2   | -10.0 | -118.8 | 3.29   |      |      |       |       |  |
|       |     |     |          | 1115 | -18.4  | -112.6 | 19.2  | -14.6 | -116.4 | 11.11  |      |      |       |       |  |
|       |     |     |          | 1116 | -18.4  | -124.2 | 1.5   | -18.3 | -124.3 | 0.81   |      |      |       |       |  |
|       |     |     |          | 1088 | -2.3   | -124.2 | -6.8  | -2.0  | -124.6 | -3.17  |      |      |       |       |  |
|       |     |     |          | 1086 | -2.3   | -112.6 | 11.0  | -1.3  | -113.7 | 5.63   |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     |          | NODE | Mxx    | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |      |      |       |       |  |
|       |     |     |          | Cent | -4.0   | 3.4    | -7.3  | 7.9   | -8.5   | -58.48 |      |      |       |       |  |
|       |     |     |          | 1115 | -3.4   | 3.4    | -6.3  | 7.2   | -7.2   | -59.10 |      |      |       |       |  |
|       |     |     |          | 1116 | 1.4    | 5.6    | -8.3  | 12.0  | -5.0   | -52.07 |      |      |       |       |  |
|       |     |     |          | 1088 | -7.2   | 1.1    | -8.5  | 6.5   | -12.5  | -58.06 |      |      |       |       |  |
|       |     |     |          | 1086 | -6.9   | 3.5    | -6.6  | 6.7   | -10.1  | -64.08 |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     |          | NODE | Vxx    | Vyy    |       |       |        |        |      |      |       |       |  |
|       |     |     |          | Cent | -3.0   | 5.4    |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1115 | -6.8   | 2.7    |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1116 | -6.8   | 8.1    |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1088 | 0.8    | 8.1    |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1086 | 0.8    | 2.7    |       |       |        |        |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     | LC       | NODE | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |      |      |       |       |  |
|       |     |     | VER.TR-1 | Cent | 39.5   | -187.2 | 14.8  | 40.4  | -188.2 | 3.71   |      |      |       |       |  |
|       |     |     |          | 1115 | 19.6   | -179.8 | 42.7  | 28.4  | -188.6 | 11.58  |      |      |       |       |  |
|       |     |     |          | 1116 | 19.6   | -194.0 | -2.8  | 19.7  | -194.1 | -0.74  |      |      |       |       |  |
|       |     |     |          | 1088 | 58.2   | -194.0 | -13.2 | 58.9  | -194.7 | -2.98  |      |      |       |       |  |
|       |     |     |          | 1086 | 58.2   | -179.8 | 32.3  | 62.5  | -184.1 | 7.59   |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     |          | NODE | Mxx    | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |      |      |       |       |  |
|       |     |     |          | Cent | -61.8  | -10.7  | 47.8  | 18.0  | -90.4  | 59.07  |      |      |       |       |  |
|       |     |     |          | 1115 | -27.9  | -7.6   | 54.2  | 37.4  | -73.0  | 50.30  |      |      |       |       |  |
|       |     |     |          | 1116 | -55.0  | -14.6  | 40.3  | 10.3  | -79.9  | 58.31  |      |      |       |       |  |
|       |     |     |          | 1088 | -114.0 | -15.6  | 40.4  | -1.2  | -128.4 | 70.28  |      |      |       |       |  |
|       |     |     |          | 1086 | -50.2  | -4.8   | 54.3  | 31.4  | -86.4  | 56.34  |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     |          | NODE | Vxx    | Vyy    |       |       |        |        |      |      |       |       |  |
|       |     |     |          | Cent | 66.5   | 19.3   |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1115 | 39.6   | 17.0   |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1116 | 39.6   | 21.7   |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1088 | 93.5   | 21.7   |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1086 | 93.5   | 17.0   |       |       |        |        |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
| ELEM  | MAT | SEC | LC       | NODE | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |      |      |       |       |  |
| 1352  | 11  | 1   | VERIFI-1 | Cent | -64.2  | -458.8 | 16.6  | -63.5 | -459.5 | 2.41   |      |      |       |       |  |
|       |     |     |          | 572  | -92.5  | -508.3 | -13.3 | -92.1 | -508.7 | -1.84  |      |      |       |       |  |
|       |     |     |          | 1117 | -92.5  | -409.7 | 5.4   | -92.4 | -409.8 | 0.98   |      |      |       |       |  |
|       |     |     |          | 1118 | -35.4  | -409.7 | 46.6  | -29.6 | -415.4 | 7.00   |      |      |       |       |  |
|       |     |     |          | 727  | -35.4  | -508.3 | 27.9  | -33.7 | -509.9 | 3.36   |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     |          | NODE | Mxx    | Myy    | Mxy   | Mmax  | Mmin   | ANGLE  |      |      |       |       |  |
|       |     |     |          | Cent | 18.8   | 98.7   | -14.3 | 101.2 | 16.3   | -80.16 |      |      |       |       |  |
|       |     |     |          | 572  | 33.0   | 164.8  | -7.7  | 165.2 | 32.5   | -86.66 |      |      |       |       |  |
|       |     |     |          | 1117 | 24.9   | 124.7  | -8.4  | 125.4 | 24.2   | -85.22 |      |      |       |       |  |
|       |     |     |          | 1118 | 17.1   | 51.9   | -19.0 | 60.3  | 8.7    | -66.28 |      |      |       |       |  |
|       |     |     |          | 727  | 0.1    | 53.3   | -18.3 | 59.0  | -5.6   | -72.74 |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     |          | NODE | Vxx    | Vyy    |       |       |        |        |      |      |       |       |  |
|       |     |     |          | Cent | 6.4    | 111.5  |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 572  | 24.0   | 134.7  |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1117 | 24.0   | 88.2   |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 1118 | -11.2  | 88.2   |       |       |        |        |      |      |       |       |  |
|       |     |     |          | 727  | -11.2  | 134.7  |       |       |        |        |      |      |       |       |  |
| ----- |     |     |          |      |        |        |       |       |        |        |      |      |       |       |  |
|       |     |     | LC       | NODE | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE  |      |      |       |       |  |
|       |     |     | VER.TR-1 | Cent | -29.6  | -284.8 | 89.2  | -1.5  | -312.9 | 17.48  |      |      |       |       |  |
|       |     |     |          | 572  | -47.9  | -267.7 | 43.7  | -39.5 | -276.1 | 10.85  |      |      |       |       |  |
|       |     |     |          | 1117 | -47.9  | -297.2 | 72.3  | -28.4 | -316.7 | 15.05  |      |      |       |       |  |
|       |     |     |          | 1118 | -19.0  | -297.2 | 134.7 | 35.5  | -351.7 | 22.04  |      |      |       |       |  |
|       |     |     |          | 727  | -19.0  | -267.7 | 106.1 | 20.1  | -306.8 | 20.24  |      |      |       |       |  |

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|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |      | Cent     | 2.2    | -8.2  | 1.5    | 2.4   | -8.5  | 8.10   |       |
|      |     |     |          |      |       |        |      | 572      | -4.0   | -19.9 | -0.6   | -4.0  | -20.0 | -2.08  |       |
|      |     |     |          |      |       |        |      | 1117     | -3.3   | -16.6 | 2.2    | -3.0  | -16.9 | 8.99   |       |
|      |     |     |          |      |       |        |      | 1118     | 10.3   | 3.8   | 3.7    | 12.0  | 2.1   | 24.52  |       |
|      |     |     |          |      |       |        |      | 727      | 5.9    | -0.2  | 1.0    | 6.0   | -0.4  | 8.98   |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | -5.5   | -27.9 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 572      | -2.8   | -27.5 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1117     | -2.8   | -28.4 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1118     | -8.1   | -28.4 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 727      | -8.1   | -27.5 |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1353 | 11  | 1   | VERIFI-1 | Cent | -63.2 | -384.2 | 20.1 | -62.0    | -385.5 | 3.57  |        |       |       |        |       |
|      |     |     |          | 1117 | -76.5 | -410.3 | 5.4  | -76.4    | -410.4 | 0.93  |        |       |       |        |       |
|      |     |     |          | 1119 | -76.5 | -358.0 | 15.4 | -75.7    | -358.8 | 3.12  |        |       |       |        |       |
|      |     |     |          | 1120 | -50.3 | -358.0 | 34.8 | -46.4    | -361.8 | 6.37  |        |       |       |        |       |
|      |     |     |          | 1118 | -50.3 | -410.3 | 24.8 | -48.6    | -412.0 | 3.92  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | 17.9   | 77.7  | -11.5  | 79.8  | 15.7  | -79.50 |       |
|      |     |     |          |      |       |        |      | 1117     | 24.9   | 124.7 | -7.1   | 125.2 | 24.4  | -85.95 |       |
|      |     |     |          |      |       |        |      | 1119     | 19.0   | 95.1  | -5.4   | 95.5  | 18.6  | -85.93 |       |
|      |     |     |          |      |       |        |      | 1120     | 11.0   | 39.0  | -15.3  | 45.7  | 4.3   | -66.31 |       |
|      |     |     |          |      |       |        |      | 1118     | 16.6   | 51.8  | -16.9  | 58.6  | 9.8   | -68.10 |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | 19.9   | 75.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1117     | 20.1   | 85.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1119     | 20.1   | 65.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1120     | 19.7   | 65.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1118     | 19.7   | 85.1  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |      | VER.TR-1 | Cent   | -54.9 | -314.2 | 95.1  | -23.8 | -345.3 | 18.13 |
|      |     |     |          |      |       |        |      |          | 1117   | -62.9 | -295.2 | 72.3  | -42.2 | -315.9 | 15.95 |
|      |     |     |          |      |       |        |      |          | 1119   | -62.9 | -333.2 | 77.9  | -42.1 | -354.0 | 14.97 |
|      |     |     |          |      |       |        |      |          | 1120   | -46.8 | -333.2 | 117.8 | -4.6  | -375.5 | 19.73 |
|      |     |     |          |      |       |        |      |          | 1118   | -46.8 | -295.2 | 112.3 | -3.6  | -338.4 | 21.06 |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | 7.6    | 2.9   | 9.0    | 14.5  | -4.0  | 37.82  |       |
|      |     |     |          |      |       |        |      | 1117     | -3.3   | -16.6 | 2.3    | -2.9  | -17.0 | 9.65   |       |
|      |     |     |          |      |       |        |      | 1119     | 1.0    | 5.1   | 7.3    | 10.6  | -4.5  | 52.87  |       |
|      |     |     |          |      |       |        |      | 1120     | 22.0   | 19.4  | 15.6   | 36.3  | 5.0   | 42.61  |       |
|      |     |     |          |      |       |        |      | 1118     | 10.5   | 3.9   | 10.7   | 18.4  | -4.0  | 36.35  |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | -21.2  | -27.8 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1117     | -16.1  | -31.5 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1119     | -16.1  | -24.1 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1120     | -26.2  | -24.1 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1118     | -26.2  | -31.5 |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1354 | 11  | 1   | VERIFI-1 | Cent | -61.9 | -339.8 | 22.7 | -60.0    | -341.6 | 4.64  |        |       |       |        |       |
|      |     |     |          | 1119 | -69.3 | -356.4 | 15.4 | -68.5    | -357.2 | 3.06  |        |       |       |        |       |
|      |     |     |          | 1121 | -69.3 | -323.8 | 18.3 | -68.0    | -325.2 | 4.10  |        |       |       |        |       |
|      |     |     |          | 1122 | -53.3 | -323.8 | 30.0 | -50.0    | -327.1 | 6.26  |        |       |       |        |       |
|      |     |     |          | 1120 | -53.3 | -356.4 | 27.1 | -50.9    | -358.8 | 5.07  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | 12.6   | 58.0  | -8.9   | 59.7  | 10.9  | -79.26 |       |
|      |     |     |          |      |       |        |      | 1119     | 19.0   | 95.1  | -5.0   | 95.4  | 18.7  | -86.25 |       |
|      |     |     |          |      |       |        |      | 1121     | 14.8   | 74.2  | -4.3   | 74.6  | 14.5  | -85.85 |       |
|      |     |     |          |      |       |        |      | 1122     | 5.3    | 23.7  | -12.7  | 30.2  | -1.2  | -62.90 |       |
|      |     |     |          |      |       |        |      | 1120     | 11.0   | 39.0  | -13.4  | 44.4  | 5.7   | -68.13 |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | 17.1   | 63.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1119     | 16.0   | 66.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1121     | 16.0   | 59.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1122     | 18.1   | 59.7  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1120     | 18.1   | 66.3  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |      | VER.TR-1 | Cent   | -81.0 | -371.8 | 88.5  | -56.2 | -396.6 | 15.67 |
|      |     |     |          |      |       |        |      |          | 1119   | -81.1 | -333.3 | 77.9  | -59.0 | -355.4 | 15.85 |
|      |     |     |          |      |       |        |      |          | 1121   | -81.1 | -413.7 | 66.3  | -68.4 | -426.5 | 10.87 |
|      |     |     |          |      |       |        |      |          | 1122   | -75.3 | -413.7 | 99.2  | -48.4 | -440.7 | 15.20 |
|      |     |     |          |      |       |        |      |          | 1120   | -75.3 | -333.3 | 110.8 | -34.3 | -374.3 | 20.33 |

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|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|--|--|--|--|--|--|--|--|----------|-------|--------|----------|-------|--------|--------|-------|-------|--------|-------|
|  |  |  |  |  |  |  |  | Cent     | 18.2  | 32.0   | 22.9     | 49.0  | 1.2    | 53.40  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1119     | 1.0   | 5.1    | 8.9      | 12.2  | -6.0   | 51.50  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1121     | 13.8  | 69.1   | 17.2     | 74.0  | 8.9    | 74.04  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 36.2  | 34.6   | 35.3     | 70.7  | 0.1    | 44.34  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1120     | 21.7  | 19.3   | 26.9     | 47.5  | -6.4   | 43.72  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -40.9 | 0.4    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1119     | -39.7 | -28.8  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1121     | -39.7 | 29.6   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | -42.1 | 29.6   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1120     | -42.1 | -28.8  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT   | SEC    | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1355     | 11    | 1      | VERIFI-1 | Cent  | -63.1  | -325.7 | 18.1  | -61.9 | -326.9 | 3.92  |
|  |  |  |  |  |  |  |  |          |       |        |          | 1121  | -72.0  | -319.9 | 18.3  | -70.6 | -321.2 | 4.21  |
|  |  |  |  |  |  |  |  |          |       |        |          | 1078  | -72.0  | -335.0 | 12.8  | -71.4 | -335.6 | 2.78  |
|  |  |  |  |  |  |  |  |          |       |        |          | 1079  | -48.5  | -335.0 | 17.8  | -47.4 | -336.1 | 3.54  |
|  |  |  |  |  |  |  |  |          |       |        |          | 1122  | -48.5  | -319.9 | 23.3  | -46.5 | -321.8 | 4.87  |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 6.4   | 40.0   | -9.1     | 42.4  | 4.1    | -75.74 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1121     | 14.8  | 74.2   | -4.4     | 74.6  | 14.5   | -85.75 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1078     | 10.2  | 50.8   | -5.6     | 51.5  | 9.4    | -82.31 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | -5.1  | 11.4   | -13.6    | 19.1  | -12.8  | -60.66 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 5.6   | 23.7   | -12.4    | 30.1  | -0.7   | -63.02 |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 20.5  | 55.5   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1121     | 16.2  | 62.2   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1078     | 16.2  | 48.9   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | 24.8  | 48.9   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 24.8  | 62.2   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE  | Fxx    | Fyy      | Fxy   | Fmax   | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent  | -126.2 | -517.1   | 57.5  | -117.9 | -525.4 | 8.20  |       |        |       |
|  |  |  |  |  |  |  |  |          | 1121  | -127.0 | -409.8   | 66.3  | -112.2 | -424.6 | 12.56 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1078  | -127.0 | -636.6   | 26.3  | -125.7 | -638.0 | 2.95  |       |        |       |
|  |  |  |  |  |  |  |  |          | 1079  | -105.5 | -636.6   | 48.7  | -101.1 | -641.0 | 5.20  |       |        |       |
|  |  |  |  |  |  |  |  |          | 1122  | -105.5 | -409.8   | 88.7  | -81.5  | -433.8 | 15.12 |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 22.8  | 80.6   | 40.6     | 101.5 | 1.8    | 62.71  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1121     | 13.8  | 69.1   | 21.2     | 76.3  | 6.6    | 71.27  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1078     | 37.8  | 188.8  | 25.9     | 193.1 | 33.5   | 80.54  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | 2.2   | 29.5   | 54.5     | 72.0  | -40.3  | 52.04  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 37.2  | 34.8   | 49.8     | 85.8  | -13.8  | 44.30  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -26.5 | 109.5  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1121     | -68.1 | 34.5   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1078     | -68.1 | 184.5  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | 15.1  | 184.5  |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 15.1  | 34.5   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT   | SEC    | LC       | NODE  | Fxx    | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1375     | 11    | 1      | VERIFI-1 | Cent  | -19.5  | -402.3 | 51.0  | -12.9 | -409.0 | 7.46  |
|  |  |  |  |  |  |  |  |          |       |        |          | 727   | -22.0  | -423.4 | 40.0  | -18.1 | -427.4 | 5.64  |
|  |  |  |  |  |  |  |  |          |       |        |          | 1118  | -22.0  | -380.5 | 41.0  | -17.4 | -385.1 | 6.44  |
|  |  |  |  |  |  |  |  |          |       |        |          | 1141  | -18.2  | -380.5 | 62.0  | -7.9  | -390.8 | 9.44  |
|  |  |  |  |  |  |  |  |          |       |        |          | 728   | -18.2  | -423.4 | 61.0  | -9.2  | -432.4 | 8.37  |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy    | Mxy      | Mmax  | Mmin   | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 10.8  | 37.9   | -27.6    | 55.1  | -6.4   | -58.04 |       |       |        |       |
|  |  |  |  |  |  |  |  | 727      | 2.3   | 64.0   | -26.8    | 74.0  | -7.7   | -69.52 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1118     | 16.5  | 49.3   | -23.1    | 61.2  | 4.6    | -62.65 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1141     | 12.9  | 17.3   | -28.4    | 43.6  | -13.4  | -47.18 |       |       |        |       |
|  |  |  |  |  |  |  |  | 728      | 11.5  | 21.1   | -32.1    | 48.7  | -16.1  | -49.21 |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy    |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -4.7  | 39.8   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 727      | -13.8 | 46.3   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1118     | -13.8 | 33.2   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1141     | 4.4   | 33.2   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 728      | 4.4   | 46.3   |          |       |        |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE  | Fxx    | Fyy      | Fxy   | Fmax   | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent  | -12.7  | -263.1   | 105.3 | 25.7   | -301.5 | 20.04 |       |        |       |
|  |  |  |  |  |  |  |  |          | 727   | -29.2  | -258.6   | 79.4  | -4.4   | -283.4 | 17.35 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1118  | -29.2  | -270.4   | 118.6 | 19.4   | -318.9 | 22.26 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1141  | 8.2    | -270.4   | 131.2 | 60.3   | -322.4 | 21.64 |       |        |       |
|  |  |  |  |  |  |  |  |          | 728   | 8.2    | -258.6   | 92.0  | 36.9   | -287.2 | 17.30 |       |        |       |

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|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
|-------|-----|-----|----------|------|-------|--------|-------|-------|--------|-------|
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 727   |     |     |          |      |       |        |       |       |        |       |
| 1118  |     |     |          |      |       |        |       |       |        |       |
| 1141  |     |     |          |      |       |        |       |       |        |       |
| 728   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 727   |     |     |          |      |       |        |       |       |        |       |
| 1118  |     |     |          |      |       |        |       |       |        |       |
| 1141  |     |     |          |      |       |        |       |       |        |       |
| 728   |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1376  | 11  | 1   | VERIFI-1 | Cent | -30.0 | -356.2 | 36.3  | -26.0 | -360.2 | 6.27  |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1118  |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| 1141  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 1118  |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| 1141  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 1118  |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| 1141  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -13.9 | -286.7 | 114.5 | 27.8  | -328.4 | 20.00 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 1118 | -42.2 | -274.1 | 96.2  | -7.5  | -308.8 | 19.84 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 1120 | -42.2 | -299.8 | 114.4 | 1.3   | -343.3 | 20.80 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 1142 | 15.1  | -299.8 | 132.8 | 63.6  | -348.3 | 20.07 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 1141 | 15.1  | -274.1 | 114.6 | 55.0  | -313.9 | 19.19 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 1118  |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| 1141  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 1118  |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| 1141  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1377  | 11  | 1   | VERIFI-1 | Cent | -31.7 | -308.5 | 32.4  | -28.0 | -312.2 | 6.59  |
| ----- |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1122  |     |     |          |      |       |        |       |       |        |       |
| 1143  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Mxx   | Myy    | Mxy   | Mmax  | Mmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1122  |     |     |          |      |       |        |       |       |        |       |
| 1143  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Vxx   | Vyy    |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
| Cent  |     |     |          |      |       |        |       |       |        |       |
| 1120  |     |     |          |      |       |        |       |       |        |       |
| 1122  |     |     |          |      |       |        |       |       |        |       |
| 1143  |     |     |          |      |       |        |       |       |        |       |
| 1142  |     |     |          |      |       |        |       |       |        |       |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | NODE | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | LC       | Cent | -20.5 | -329.0 | 110.9 | 15.2  | -364.7 | 17.85 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     | VER.TR-1 | 1120 | -61.4 | -300.8 | 107.3 | -20.3 | -341.9 | 20.94 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 1122 | -61.4 | -358.0 | 106.8 | -26.9 | -392.4 | 17.88 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 1143 | 21.6  | -358.0 | 114.4 | 53.4  | -389.8 | 15.54 |
| ----- |     |     |          |      |       |        |       |       |        |       |
|       |     |     |          | 1142 | 21.6  | -300.8 | 114.9 | 58.3  | -337.6 | 17.74 |
| ----- |     |     |          |      |       |        |       |       |        |       |

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|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|--|--|--|--|--|--|--|--|----------|-------|-------|----------|-------|-------|--------|-------|-------|--------|-------|
|  |  |  |  |  |  |  |  | Cent     | 41.3  | 17.3  | 39.6     | 70.7  | -12.1 | 36.59  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1120     | 21.5  | 18.3  | 33.1     | 53.1  | -13.2 | 43.62  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 35.5  | 31.0  | 43.2     | 76.5  | -10.0 | 43.52  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1143     | 59.8  | 11.1  | 45.6     | 87.2  | -16.3 | 30.96  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1142     | 48.2  | 8.8   | 35.5     | 69.2  | -12.1 | 30.51  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | -20.9 | 3.5   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1120     | -22.6 | -2.8  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | -22.6 | 9.7   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1143     | -19.3 | 9.7   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1142     | -19.3 | -2.8  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT   | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1378     | 11    | 1     | VERIFI-1 | Cent  | -23.5 | -267.1 | 14.8  | -22.6 | -268.0 | 3.46  |
|  |  |  |  |  |  |  |  |          |       |       |          | 1122  | -28.6 | -286.4 | 23.6  | -26.5 | -288.6 | 5.19  |
|  |  |  |  |  |  |  |  |          |       |       |          | 1079  | -28.6 | -247.2 | 1.8   | -28.6 | -247.2 | 0.47  |
|  |  |  |  |  |  |  |  |          |       |       |          | 1116  | -19.4 | -247.2 | 5.9   | -19.2 | -247.3 | 1.49  |
|  |  |  |  |  |  |  |  |          |       |       |          | 1143  | -19.4 | -286.4 | 27.8  | -16.5 | -289.3 | 5.87  |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 0.2   | 7.1   | -21.2    | 25.2  | -17.8 | -49.65 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 5.6   | 23.8  | -19.3    | 36.1  | -6.6  | -57.56 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | -5.3  | 10.7  | -17.9    | 22.3  | -16.9 | -57.01 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1116     | -0.9  | -7.7  | -22.8    | 18.8  | -27.3 | -40.76 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1143     | 1.3   | 1.8   | -24.2    | 25.8  | -22.7 | -45.31 |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 15.1  | 22.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 21.3  | 24.3  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | 21.3  | 20.0  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1116     | 8.9   | 20.0  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1143     | 8.9   | 24.3  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE  | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent  | -12.6 | -397.1   | 64.5  | -2.1  | -407.7 | 9.27  |       |        |       |
|  |  |  |  |  |  |  |  |          | 1122  | -55.0 | -359.7   | 96.3  | -27.2 | -387.5 | 16.15 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1079  | -55.0 | -433.1   | 36.1  | -51.6 | -436.5 | 5.41  |       |        |       |
|  |  |  |  |  |  |  |  |          | 1116  | 27.3  | -433.1   | 32.7  | 29.7  | -435.4 | 4.04  |       |        |       |
|  |  |  |  |  |  |  |  |          | 1143  | 27.3  | -359.7   | 92.8  | 48.5  | -380.8 | 12.81 |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 38.9  | 23.8  | 62.3     | 94.1  | -31.4 | 41.53  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 36.5  | 31.3  | 52.9     | 86.9  | -19.1 | 43.57  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | 4.2   | 39.6  | 67.7     | 91.9  | -48.1 | 52.32  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1116     | 55.7  | 13.2  | 72.1     | 109.5 | -40.7 | 36.79  |       |       |        |       |
|  |  |  |  |  |  |  |  | 1143     | 59.3  | 11.0  | 57.2     | 97.3  | -27.0 | 33.57  |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 20.1  | 7.1   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1122     | 40.4  | 3.4   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1079     | 40.4  | 10.8  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1116     | -0.1  | 10.8  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1143     | -0.1  | 3.4   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | ELEM     | MAT   | SEC   | LC       | NODE  | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|  |  |  |  |  |  |  |  | 1379     | 11    | 1     | VERIFI-1 | Cent  | -12.9 | -347.6 | 63.7  | -1.2  | -359.3 | 10.43 |
|  |  |  |  |  |  |  |  |          |       |       |          | 728   | -6.7  | -356.1 | 64.2  | 4.7   | -367.5 | 10.08 |
|  |  |  |  |  |  |  |  |          |       |       |          | 1141  | -6.7  | -338.1 | 65.2  | 5.7   | -350.5 | 10.74 |
|  |  |  |  |  |  |  |  |          |       |       |          | 1123  | -20.6 | -338.1 | 63.3  | -8.4  | -350.3 | 10.87 |
|  |  |  |  |  |  |  |  |          |       |       |          | 578   | -20.6 | -356.1 | 62.3  | -9.4  | -367.3 | 10.19 |
|  |  |  |  |  |  |  |  | NODE     | Mxx   | Myy   | Mxy      | Mmax  | Mmin  | ANGLE  |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 20.5  | 15.9  | -37.0    | 55.2  | -18.9 | -43.21 |       |       |        |       |
|  |  |  |  |  |  |  |  | 728      | 13.5  | 31.0  | -38.2    | 61.5  | -16.9 | -51.44 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1141     | 12.4  | 14.6  | -31.9    | 45.4  | -18.4 | -45.98 |       |       |        |       |
|  |  |  |  |  |  |  |  | 1123     | 18.9  | 7.6   | -35.6    | 49.3  | -22.8 | -40.52 |       |       |        |       |
|  |  |  |  |  |  |  |  | 578      | 37.2  | 10.2  | -41.9    | 67.7  | -20.3 | -36.08 |       |       |        |       |
|  |  |  |  |  |  |  |  | NODE     | Vxx   | Vyy   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | Cent     | 18.2  | 7.8   |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 728      | 6.1   | 16.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1141     | 6.1   | -0.6  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 1123     | 30.3  | -0.6  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | 578      | 30.3  | 16.1  |          |       |       |        |       |       |        |       |
|  |  |  |  |  |  |  |  | LC       | NODE  | Fxx   | Fyy      | Fxy   | Fmax  | Fmin   | ANGLE |       |        |       |
|  |  |  |  |  |  |  |  | VER.TR-1 | Cent  | 43.3  | -254.1   | 97.5  | 72.4  | -283.2 | 16.62 |       |        |       |
|  |  |  |  |  |  |  |  |          | 728   | 13.0  | -252.0   | 86.0  | 38.5  | -277.4 | 16.49 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1141  | 13.0  | -257.6   | 118.4 | 57.5  | -302.1 | 20.60 |       |        |       |
|  |  |  |  |  |  |  |  |          | 1123  | 75.5  | -257.6   | 109.0 | 108.0 | -290.0 | 16.60 |       |        |       |
|  |  |  |  |  |  |  |  |          | 578   | 75.5  | -252.0   | 76.5  | 92.5  | -268.9 | 12.52 |       |        |       |

Prolungamento sottopasso PK 24+497-Relazione di calcolo

|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|------|-----|-----|----------|------|-------|--------|------|----------|--------|-------|--------|-------|-------|--------|-------|
|      |     |     |          |      |       |        |      | Cent     | 27.8   | 3.1   | 9.8    | 31.3  | -0.3  | 19.25  |       |
|      |     |     |          |      |       |        |      | 728      | 11.0   | -3.0  | 7.2    | 14.1  | -6.1  | 22.85  |       |
|      |     |     |          |      |       |        |      | 1141     | 30.2   | 5.3   | 12.0   | 35.1  | 0.4   | 21.99  |       |
|      |     |     |          |      |       |        |      | 1123     | 46.3   | 5.6   | 12.3   | 49.7  | 2.2   | 15.55  |       |
|      |     |     |          |      |       |        |      | 578      | 23.8   | 4.6   | 7.4    | 26.3  | 2.1   | 18.94  |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | -29.8  | -11.6 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 728      | -27.4  | -16.0 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1141     | -27.4  | -7.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1123     | -32.1  | -7.2  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 578      | -32.1  | -16.0 |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1380 | 11  | 1   | VERIFI-1 | Cent | -7.7  | -316.5 | 50.3 | 0.3      | -324.5 | 9.03  |        |       |       |        |       |
|      |     |     |          | 1141 | -10.0 | -336.7 | 43.1 | -4.4     | -342.3 | 7.38  |        |       |       |        |       |
|      |     |     |          | 1142 | -10.0 | -295.5 | 54.5 | 0.0      | -305.5 | 10.44 |        |       |       |        |       |
|      |     |     |          | 1125 | -6.6  | -295.5 | 57.6 | 4.5      | -306.5 | 10.87 |        |       |       |        |       |
|      |     |     |          | 1123 | -6.6  | -336.7 | 46.2 | -0.3     | -343.1 | 7.82  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | 10.8   | 8.0   | -29.8  | 39.3  | -20.4 | -43.66 |       |
|      |     |     |          |      |       |        |      | 1141     | 12.3   | 14.6  | -29.6  | 43.0  | -16.2 | -46.10 |       |
|      |     |     |          |      |       |        |      | 1142     | 7.2    | 9.1   | -28.3  | 36.4  | -20.2 | -45.96 |       |
|      |     |     |          |      |       |        |      | 1125     | 5.0    | 0.9   | -30.3  | 33.4  | -27.4 | -43.06 |       |
|      |     |     |          |      |       |        |      | 1123     | 18.8   | 7.6   | -31.6  | 45.4  | -18.9 | -39.98 |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | 15.8   | 7.2   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1141     | 9.7    | 6.5   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1142     | 9.7    | 7.9   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1125     | 21.9   | 7.9   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1123     | 21.9   | 6.5   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |      | VER.TR-1 | Cent   | 59.1  | -262.8 | 109.3 | 92.7  | -296.4 | 17.09 |
|      |     |     |          |      |       |        |      |          | 1141   | 20.4  | -256.0 | 101.8 | 53.9  | -289.4 | 18.19 |
|      |     |     |          |      |       |        |      |          | 1142   | 20.4  | -269.8 | 124.7 | 66.6  | -316.0 | 20.34 |
|      |     |     |          |      |       |        |      |          | 1125   | 98.0  | -269.8 | 116.7 | 131.9 | -303.7 | 16.20 |
|      |     |     |          |      |       |        |      |          | 1123   | 98.0  | -256.0 | 93.8  | 121.4 | -279.3 | 13.97 |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | 49.2   | 6.5   | 21.6   | 58.3  | -2.6  | 22.66  |       |
|      |     |     |          |      |       |        |      | 1141     | 30.0   | 5.3   | 18.6   | 40.0  | -4.7  | 28.16  |       |
|      |     |     |          |      |       |        |      | 1142     | 48.0   | 8.8   | 25.9   | 60.9  | -4.1  | 26.47  |       |
|      |     |     |          |      |       |        |      | 1125     | 72.6   | 6.1   | 24.7   | 80.8  | -2.1  | 18.32  |       |
|      |     |     |          |      |       |        |      | 1123     | 46.4   | 5.6   | 17.4   | 52.8  | -0.8  | 20.26  |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | -29.8  | -8.9  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1141     | -23.9  | -10.8 |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1142     | -23.9  | -7.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1125     | -35.6  | -7.0  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1123     | -35.6  | -10.8 |        |       |       |        |       |
| ELEM | MAT | SEC | LC       | NODE | Fxx   | Fyy    | Fxy  | Fmax     | Fmin   | ANGLE |        |       |       |        |       |
| 1381 | 11  | 1   | VERIFI-1 | Cent | -5.5  | -266.2 | 40.6 | 0.7      | -272.4 | 8.66  |        |       |       |        |       |
|      |     |     |          | 1142 | -10.9 | -294.8 | 35.6 | -6.5     | -299.1 | 7.04  |        |       |       |        |       |
|      |     |     |          | 1143 | -10.9 | -237.1 | 39.2 | -4.3     | -243.7 | 9.57  |        |       |       |        |       |
|      |     |     |          | 1127 | -1.0  | -237.1 | 45.7 | 7.6      | -245.6 | 10.58 |        |       |       |        |       |
|      |     |     |          | 1125 | -1.0  | -294.8 | 42.0 | 4.9      | -300.7 | 7.99  |        |       |       |        |       |
|      |     |     |          |      |       |        |      | NODE     | Mxx    | Myy   | Mxy    | Mmax  | Mmin  | ANGLE  |       |
|      |     |     |          |      |       |        |      | Cent     | 3.6    | 2.0   | -29.3  | 32.1  | -26.5 | -44.23 |       |
|      |     |     |          |      |       |        |      | 1142     | 7.1    | 9.1   | -28.0  | 36.1  | -19.9 | -46.00 |       |
|      |     |     |          |      |       |        |      | 1143     | 1.1    | 0.7   | -28.0  | 28.9  | -27.1 | -44.75 |       |
|      |     |     |          |      |       |        |      | 1127     | 1.2    | -2.5  | -30.4  | 29.8  | -31.1 | -43.24 |       |
|      |     |     |          |      |       |        |      | 1125     | 4.9    | 0.9   | -30.4  | 33.4  | -27.6 | -43.11 |       |
|      |     |     |          |      |       |        |      | NODE     | Vxx    | Vyy   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | Cent     | 9.7    | 6.8   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1142     | 11.3   | 9.8   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1143     | 11.3   | 3.8   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1127     | 8.1    | 3.8   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | 1125     | 8.1    | 9.8   |        |       |       |        |       |
|      |     |     |          |      |       |        |      | LC       | NODE   | Fxx   | Fyy    | Fxy   | Fmax  | Fmin   | ANGLE |
|      |     |     |          |      |       |        |      | VER.TR-1 | Cent   | 72.6  | -273.1 | 101.1 | 99.9  | -300.4 | 15.16 |
|      |     |     |          |      |       |        |      |          | 1142   | 33.8  | -267.1 | 106.8 | 67.9  | -301.2 | 17.69 |
|      |     |     |          |      |       |        |      |          | 1143   | 33.8  | -279.2 | 101.0 | 63.5  | -309.0 | 16.41 |
|      |     |     |          |      |       |        |      |          | 1127   | 111.6 | -279.2 | 95.3  | 133.6 | -301.2 | 13.00 |
|      |     |     |          |      |       |        |      |          | 1125   | 111.6 | -267.1 | 101.2 | 137.0 | -292.4 | 14.06 |



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|       |     |     |          | NODE | Mxx  | Myy    | Mxy  | Mmax | Mmin   | ANGLE |
|-------|-----|-----|----------|------|------|--------|------|------|--------|-------|
| ----- |     |     |          |      |      |        |      |      |        |       |
| Cent  |     |     |          |      |      |        |      |      |        |       |
| 1142  |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| 1125  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
|       |     |     |          | NODE | Vxx  | Vyy    |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
| Cent  |     |     |          |      |      |        |      |      |        |       |
| 1142  |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| 1125  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
| ELEM  | MAT | SEC | LC       | NODE | Fxx  | Fyy    | Fxy  | Fmax | Fmin   | ANGLE |
| ----- |     |     |          |      |      |        |      |      |        |       |
| 1382  | 11  | 1   | VERIFI-1 | Cent | -5.1 | -204.2 | 20.9 | -2.9 | -206.3 | 5.93  |
| ----- |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1116  |     |     |          |      |      |        |      |      |        |       |
| 1088  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
|       |     |     |          | NODE | Mxx  | Myy    | Mxy  | Mmax | Mmin   | ANGLE |
| ----- |     |     |          |      |      |        |      |      |        |       |
| Cent  |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1116  |     |     |          |      |      |        |      |      |        |       |
| 1088  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
|       |     |     |          | NODE | Vxx  | Vyy    |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
| Cent  |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1116  |     |     |          |      |      |        |      |      |        |       |
| 1088  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
|       |     |     |          | NODE | Fxx  | Fyy    | Fxy  | Fmax | Fmin   | ANGLE |
| ----- |     |     |          |      |      |        |      |      |        |       |
|       |     |     | LC       | Cent | 85.2 | -273.0 | 52.8 | 92.8 | -280.6 | 8.22  |
| ----- |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1116  |     |     |          |      |      |        |      |      |        |       |
| 1088  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
|       |     |     |          | NODE | Mxx  | Myy    | Mxy  | Mmax | Mmin   | ANGLE |
| ----- |     |     |          |      |      |        |      |      |        |       |
| Cent  |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1116  |     |     |          |      |      |        |      |      |        |       |
| 1088  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
|       |     |     |          | NODE | Vxx  | Vyy    |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |
| Cent  |     |     |          |      |      |        |      |      |        |       |
| 1143  |     |     |          |      |      |        |      |      |        |       |
| 1116  |     |     |          |      |      |        |      |      |        |       |
| 1088  |     |     |          |      |      |        |      |      |        |       |
| 1127  |     |     |          |      |      |        |      |      |        |       |
| ----- |     |     |          |      |      |        |      |      |        |       |

## 16. Conclusioni

Il progetto è stato redatto in conformità dell'art.17 della Legge 2.2.74 n°64 e dei decreti ministeriali emanati ai sensi degli artt.1 e 3 della medesima legge, ed in particolare delle nuove “*Norme tecniche per le costruzioni*” di cui al D.M. 14 gennaio 2008.

Al fine di migliorare la comprensione delle verifiche svolte, si riporta di seguito una tabella riassuntiva di quelle principali.

| ELEMENTO                                  | COMBINAZIONE                                                                    | b [m] | h [m] | c=c' [m] | A <sub>s</sub>  | A's    | A <sub>st</sub> | N <sub>Ed</sub> [kN] | M <sub>Ed</sub> [kNm] | V <sub>Ed</sub> [kN] | N <sub>Rd</sub> [kN] | M <sub>Rd</sub> [kNm] | V <sub>Rd</sub> [kN] |
|-------------------------------------------|---------------------------------------------------------------------------------|-------|-------|----------|-----------------|--------|-----------------|----------------------|-----------------------|----------------------|----------------------|-----------------------|----------------------|
| Paraghiaia - Sp. 0.25m                    | Verifica C5.1.3.3.7.2 - Circolare n.617 (verso frenatura da spalla a impalcato) | 1.98  | 0.25  | 0.03     | Φ12/25          | Φ16/25 | (*)             | 158.3                | 94.5                  | 135.0                | 168.0                | 100.3                 | 210.5                |
| Paraghiaia - Sp. 0.35m                    | Verifica C5.1.3.3.7.2 - Circolare n.617 (verso frenatura da spalla a impalcato) | 1.98  | 0.35  | 0.03     | Φ16/25          | Φ16/25 | (*)             | 372.2                | 324.0                 | 270.0                | 733.5                | 638.5                 | 659.8                |
| Muri andatori esistenti (x)               | Ver. trav. (verso del sisma da terreno di riempimento a muro)                   | 1.00  | 1.10  | 0.04     | Φ20/25 + Φ16/50 | Φ16/25 | (*)             | 155.4                | 350.4                 | 254.5                | 366.1                | 825.8                 | 291.4                |
| Nuovo muro andatore (x)                   | Ver. trav. (verso del sisma da terreno di riempimento a muro)                   | 1.00  | 1.00  | 0.04     | Φ20/25 + Φ16/51 | Φ16/25 | (*)             | 142.8                | 383.7                 | 280.9                | 270.2                | 726.1                 | 360.9                |
| Muro paramento (nello stato di fatto) (x) | Verifica + - (verso del sisma da terreno di riempimento a impalcato)            | 1.00  | 1.40  | 0.04     | Φ26/25          | Φ16/25 | (*)             | 370.4                | 434.6                 | 168.7                | 2098.2               | 2461.9                | 406.3                |
| Tiranti di ancoraggio                     | SLV long. (verso del sisma da terreno di riempimento a impalcato)               | /     | /     | /        | /               | /      | /               | 1207.8               | /                     | /                    | 1759.3               | /                     | /                    |
| Cilindri jet grouting Φ600                | SLU pali sup. - A1+M1+R3 (GEO)                                                  | /     | /     | /        | /               | /      | /               | 823.7                | /                     | /                    | 1323.5               | /                     | /                    |
|                                           | SLV - Sisma trasversale - A1+M1+R3 (STR)                                        | /     | /     | /        | /               | /      | /               | 466                  | /                     | 69.31                | 1687.3               | /                     | 209.6                |
| Pali trivellati Φ800                      | SLU - A1+M1+R3 (STR)                                                            | 0.8   | /     | 0.04     | 24Φ24           | /      | Φ14/15          | 869.5                | 1054.3                | 429.0                | 1166.1               | 1414.0                | 873.8                |

(\*) Verifica svolta considerando la sezione non armata a taglio

(x) Verifica svolta considerando un tratto di lunghezza unitaria

Le analisi condotte confermano che tutte le verifiche prescritte dalla normativa vigente risultano soddisfatte. Le strutture soddisfano, pertanto, i requisiti di sicurezza prescritti dalle vigenti Leggi.