

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N. 443/01

TRATTA A.V. /A.C. TERZO VALICO DEI GIOVI PROGETTO ESECUTIVO

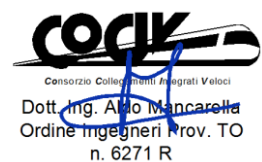
Rilevato di Linea III Valico da pk 36+585,21 a pk 37+395,19

Relazione di calcolo tombino 2.0x2.0 m

GENERAL CONTRACTOR	DIRETTORE DEI LAVORI
Consorzio Cociv Ing.P.P.Marcheselli	

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
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Progettazione :							
Rev	Descrizione	Redatto	Data	Verificato	Data	Progettista Integratore	Data
A00	Prima Emissione	ALPINA <i>Adriano Fara</i>	27/09/2013	COCIV <i>[Signature]</i>	27/09/2013	A. Palomba <i>[Signature]</i>	30/09/2013



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1. PREMESSA

Con la presente relazione si intende fornire i calcoli statici e le verifiche di sicurezza del tombino idraulico ferroviario di dimensioni 2.0x2.0 m posto alla progressiva 36+894 del rilevato ferroviario RI13, comune di Novi Ligure.

In presenza del deposito DP06 la sistemazione del canale prevede a monte del tombino scatolare la presenza di due tombini circolari $\phi 1500$ lunghi rispettivamente 18.85 m e 52.88 m e dotati di pozzetti di salto per raccordare l'alveo esistente al tombino di progetto.

Subito a monte del primo pozzetto è presente un'immissione di una tubazione esistente in c.a. del diametro di 100 cm.

Lo scatolare ha dimensioni nette interne pari a 2.00x2.00 m, ed il ricoprimento è di circa 1.40 m, la struttura scatolare a sezione quadrata è realizzata in calcestruzzo armato gettato in opera.

L'opera ricade in zona sismica di IV categoria, ma analogamente alle altre opere di linea si verifica il manufatto con riferimento alla III categoria ($S=6$).

I tombini circolari posti al di sotto del deposito sono in conglomerato cementizio armato di diametro interno 1500 mm e spessore 170 mm e il ricoprimento è variabile da circa 7.60 m a 10.0 m.

Il primo pozzetto di salto, in corrispondenza del tombino esistente, ha in pianta forma rettangolare di dimensioni nette interne 4.0x3.0 m e altezza massima di 3.75 m, le pareti e le solette hanno spessore di 0.40 m. Il manufatto che ha un ricoprimento di circa 5.1 m ha un torrino di accesso di dimensioni 1.60x0.80 m e altezza 5.0 m, le pareti hanno spessore di 0.30 m.

Il secondo pozzetto di salto ha in pianta forma rettangolare di dimensioni nette interne 2.60x2.0 m e altezza di 4.4 m, le pareti e la soletta hanno spessore 0.40 m, il manufatto ha un ricoprimento di 6.95 m.

Le verifiche di sicurezza vengono effettuate con il metodo delle Tensioni Ammissibili.

2. CARATTERISTICHE DEI MATERIALI

2.1. Calcestruzzo

Per il magrone di sottofondazione si prevede l'utilizzo di calcestruzzo di classe Rck 15.

Per la realizzazione dello scatolare di linea e dei manufatti idraulici si prevede l'utilizzo di calcestruzzo avente classe di resistenza C32/40 ($R_{ck} \geq 40 \text{ N/mm}^2$) che presenta le seguenti caratteristiche:

Resistenza caratteristica a compressione (cilindrica)	$f_{ck} = 0.83 \times R_{ck} = 33.20 \text{ N/mm}^2$
Resistenza media a compressione	$f_{cm} = f_{ck} + 8 = 41.20 \text{ N/mm}^2$
Modulo elastico	$E_{cm} = 22000 \cdot (f_{cm}/10)^{0.3} = 33643 \text{ N/mm}^2$
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} \cdot f_{ck} / \gamma_c = 0.85 \cdot f_{ck} / 1.5 = 18.81 \text{ N/mm}^2$
Resistenza a trazione media	$f_{ctm} = 0.30 \cdot f_{ck}^{2/3} = 3.10 \text{ N/mm}^2$
Resistenza a trazione	$f_{ctk} = 0.7 \cdot f_{ctm} = 2.17 \text{ N/mm}^2$
Resistenza a trazione di calcolo	$f_{ctd} = f_{ctk} / \gamma_c = 1.45 \text{ N/mm}^2$
Tensioni ammissibili	$\sigma_c = 12.20 \text{ N/mm}^2$
	$\tau_{c0} = 7.00 \text{ N/mm}^2$
	$\tau_{c1} = 21.10 \text{ N/mm}^2$

Per i tombini circolari si prevede l'utilizzo di calcestruzzo avente classe di resistenza 40/50 ($R_{ck} \geq 50 \text{ N/mm}^2$) che presenta le seguenti caratteristiche:

Resistenza caratteristica a compressione (cilindrica)	$f_{ck} = 0.83 \times R_{ck} = 41.50 \text{ N/mm}^2$
Resistenza media a compressione	$f_{cm} = f_{ck} + 8 = 49.50 \text{ N/mm}^2$
Modulo elastico	$E_{cm} = 22000 \cdot (f_{cm}/10)^{0.3} = 35547 \text{ N/mm}^2$
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} \cdot f_{ck} / \gamma_c = 0.85 \cdot f_{ck} / 1.5 = 23.52 \text{ N/mm}^2$
Resistenza a trazione media	$f_{ctm} = 0.30 \cdot f_{ck}^{2/3} = 3.60 \text{ N/mm}^2$
Resistenza a trazione	$f_{ctk} = 0.7 \cdot f_{ctm} = 2.52 \text{ N/mm}^2$
Resistenza a trazione di calcolo	$f_{ctd} = f_{ctk} / \gamma_c = 1.68 \text{ N/mm}^2$

2.2. Acciaio per cemento armato

Per le armature metalliche si adottano tondini in acciaio del tipo B450C saldabile, controllato in stabilimento e che presentano le seguenti caratteristiche:

Proprietà	Requisito
Limite di snervamento f_y	$\geq 450 \text{ MPa}$

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Limite di rottura f_t	≥ 540 MPa
Allungamento totale al carico massimo A_{gt}	$\geq 7.5\%$
Rapporto f_t/f_y	$1,15 \leq R_m/R_e \leq 1,35$
Rapporto $f_{y\text{misurato}}/f_{ynom}$	$\leq 1,25$

Tensione di snervamento caratteristica	$f_{yk} \geq 450$ N/mm ²
Tensione caratteristica a rottura	$f_{tk} \geq 540$ N/mm ²
Tensione ammissibile	$\sigma_s = 260.00$ N/mm ²

2.3. Durabilità e prescrizioni sui materiali

Per garantire la durabilità delle strutture in calcestruzzo armato ordinario, esposte all'azione dell'ambiente, si devono adottare i provvedimenti atti a limitare gli effetti di degrado indotti dall'attacco chimico, fisico e derivante dalla corrosione delle armature e dai cicli di gelo e disgelo.

Al fine di ottenere la prestazione richiesta in funzione delle condizioni ambientali, nonché per la definizione della relativa classe, si fa riferimento alle indicazioni contenute nelle Linee Guida sul calcestruzzo strutturale edite dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici ovvero alle norme UNI EN 206-1:2006 ed UNI 11104:2004.

Per le opere della presente relazione si adotta quanto segue:

Fondazione	CLASSE DI ESPOSIZIONE XC2
Elevazione	CLASSE DI ESPOSIZIONE XC2

Nel caso in esame la struttura si trova a permanente contatto con il terreno pertanto deve essere condotta la verifica a fessurazione per la combinazione TA5. Per questa verifica si considerano, in accordo con l'Istruzione n. I/SC/PS-OM/2298 "Sovraccarichi per il calcolo dei ponti ferroviari. Istruzioni per la progettazione, l'esecuzione ed il collaudo", i seguenti limiti di apertura delle fessure:

- superfici in contatto permanente con il terreno (superfici esterne) $w_k = 0.10$ mm;
- superfici non in contatto permanente con il terreno (superfici interne) $w_k = 0.20$ mm.

Il copriferro minimo assunto è pari a 4 cm.

L'apertura a fessure minima di 0.10 mm per le superfici esterne è portata a 0.15 mm essendo il copriferro dell'armatura trasversale (interna a quella longitudinale) pari a circa 6 cm ($c/c_{min} \leq 1.5$, con $c_{min} = 4$ cm).

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3. NORMATIVA DI RIFERIMENTO

Il dimensionamento e la verifica degli elementi strutturali sono stati condotti nel rispetto delle vigenti normative di seguito riportate:

- D.M. 09/01/1996: "Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche";
- D.M. 16/01/1996: "Norme tecniche relative ai criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e dei sovraccarichi";
- Circ. Min. 04/07/1996 n. 156 STC: "Istruzioni per l'applicazione delle Norme tecniche relative ai criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e dei sovraccarichi";
- L. 05/11/1971 n. 1086: "Norme per la disciplina delle opere in conglomerato cementizio armato normale e precompresso ed a struttura metallica";
- D.M. 14/02/1992: "Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche" (valido per il metodo alle tensioni ammissibili);
- Circ. Min. 24/06/1993 n. 37406: "Istruzioni relative alle Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche" (valido per il metodo alle tensioni ammissibili);
- Circ. Min. 15/10/1996 n. 252: "Istruzioni relative alle Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche";
- L. 02/02/1974 n. 64: "Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche";
- D.M. 16/01/1996: "Norme tecniche per le costruzioni in zona sismica";
- Ordinanza n. 3274: "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica";
- Circ. Min. 10/04/1997 n. 65: "Istruzioni per l'applicazione delle Norme tecniche per le costruzioni in zona sismica di cui al D.M. 16/01/1996";
- Asa Servizi di Ingegneria (Ferrovie dello Stato), Istruzione n. I/SC/PS-OM/2298 del 02/06/1995, Testo completo delle relative integrazioni: 13/01/1997: "Sovraccarichi per il calcolo dei ponti ferroviari. Istruzioni per la progettazione, l'esecuzione ed il collaudo";
- Ferrovie dello Stato - Istruzione F.S. 44/b (Testo aggiornato secondo il D.M. 16/01/1999): "Istruzioni tecniche per i manufatti sotto binario da costruire in zona sismica".

4. GEOMETRIA SCATOLARE

Il tombino è realizzato in cemento armato gettato in opera, ha sezione scatolare cava di dimensioni interne nette $b \times h = 2.00 \times 2.00$ m. Le pareti laterali hanno spessore 35 cm, la soletta superiore ha spessore 35 cm e quella inferiore 35 cm.

Al di sotto del ballast è previsto uno strato di supercompattato di 30 cm di spessore.

Il ricoprimento della struttura a partire dal piano ferro è pari a circa 1.4 m, considerando la presenza del ballast (80 cm) del supercompattato (30 cm) il rilevato ha un'altezza pari a circa 0.30 m.

Si riporta nel seguito una sezione trasversale dell'opera.

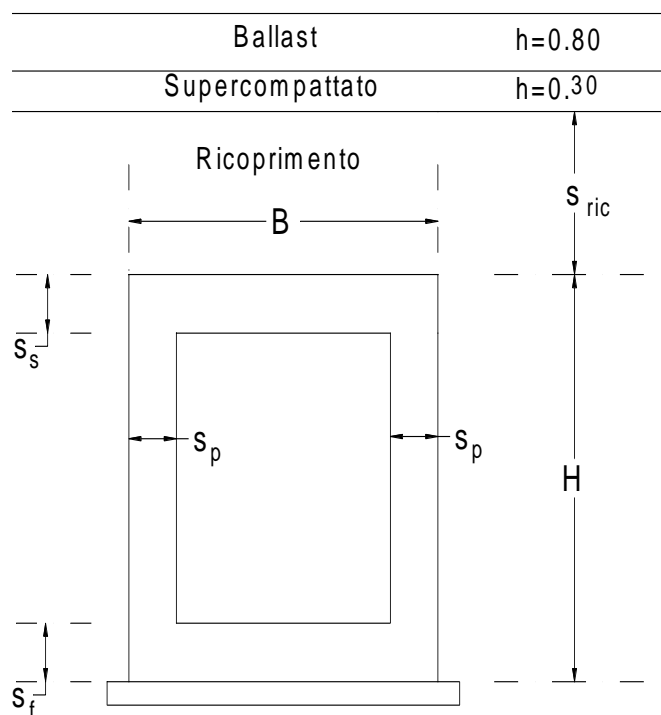


Figura 1 – Sezione trasversale dell'opera

B	= 2.70 m	larghezza scatolare
H	= 2.70 m	altezza totale
s_f	= 0.35 m	spessore soletta di fondazione
s_p	= 0.35 m	spessore pareti
s_s	= 0.35 m	spessore soletta superiore
s_{ric}	= 0.30 m	spessore del ricoprimento

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L'opera non è interessata dalla presenza della falda, posta al di sotto dell'intradosso della fondazione.

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5. DEFINIZIONE DEL COEFFICIENTE DI SOTTOFONDO K_S

Ai fini del calcolo strutturale dei tombini che attraversano la linea ferroviaria, la costante di sottofondo K_S è stata definita come rapporto tra la pressione p esercitata dalla fondazione ed il corrispondente cedimento s :

$$K_S = p / s \quad [\text{kN/m}^3]$$

K_S dipende in maniera significativa da:

- Profilo di rigidità del sottosuolo nell'area di influenza della fondazione;
- Dimensioni della fondazione;
- Quota d'imposta della fondazione da p.c.;
- Pressione esercitata dalla fondazione sul terreno.

Alla luce del numero significativo di tombini per i quali è necessario definire il coefficiente K_S , si è deciso di sviluppare degli abachi attraverso i quali, una volta noti i valori di B (lato minore fondazione), z (quota d'imposta fondazione) e p (pressione esercitata dalla fondazione sul terreno) sia possibile definire il valore di K_S da utilizzare per l'opera in oggetto, avendo assunto un profilo di rigidità del terreno cautelativo per rappresentare in modo adeguato le caratteristiche di deformabilità dell'intera tratta.

I calcoli parametrici del cedimento sono stati eseguiti secondo il metodo del cedimento monodimensionale in cui sono stati fatti variare i valori di B , z e p e quindi calcolati i corrispondenti valori di K_S sulla base della definizione $K_S = p / s$.

Il calcolo è stato basato sulle seguenti ipotesi:

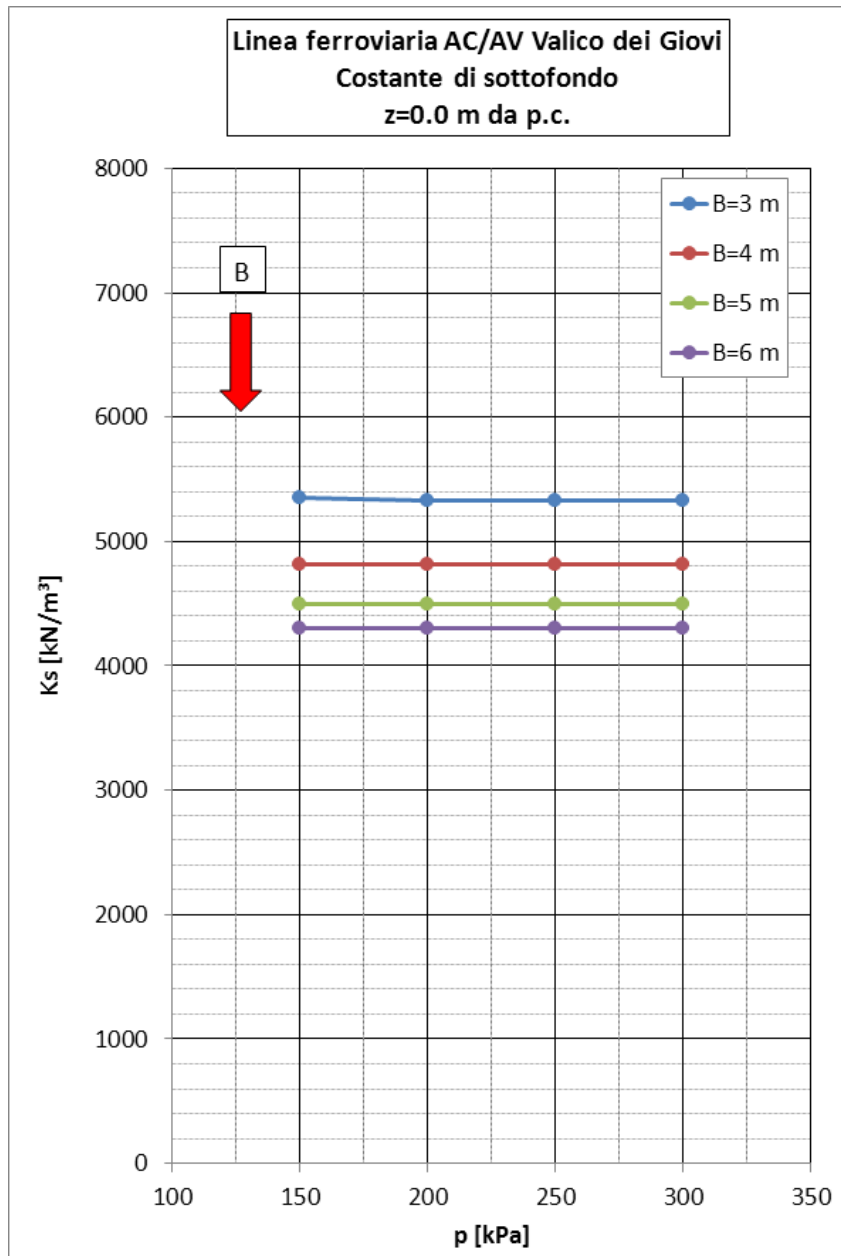
- comportamento rigido della fondazione;
- estensione dell'area di influenza lungo la quale è calcolato il cedimento fino alla quota in cui il carico trasmesso dalla fondazione comporta un incremento del 10% dello stato di sforzo iniziale presente nel terreno.

Sono stati considerati i seguenti valori dei parametri di progetto:

- Lato minore della fondazione $B = 3.0, 4.0, 5.0$ e 6.0 m;
- Quota d'imposta $z = 0.0$ m
- Pressione trasmessa dalla fondazione al terreno $p = 150, 200, 250, 300$ kPa;

Nell'abaco, per ogni quota d'imposta z considerata è definito il valore di K_S in funzione della larghezza della fondazione B e del carico totale p agente su di essa.

La costante di sottofondo adottata per la modellazione, funzione del tipo di terreno presente in situ, è pari a circa $K_S = 5000$ kN/m³.



6. ANALISI DEI CARICHI

Nel seguente paragrafo si descrivono i carichi elementari che agiscono sulla struttura in oggetto. Tali azioni sono definite secondo le vigenti normative e sono utilizzate per la generazione delle combinazioni di carico nell'ambito delle verifiche alle tensioni ammissibili eseguite. Tutti i carichi elementari si riferiscono a un concio longitudinale di larghezza unitaria, pertanto sono tutti definiti rispetto all'unità di lunghezza.

Per i materiali si assumono i seguenti pesi specifici:

calcestruzzo armato:	$\gamma_{c.a.}$	= 25 kN/m ³
rilevato:	γ_{ril}	= 20 kN/m ³
sovrastuttura ferroviaria:	γ_{ric}	= 22 kN/m ³
massicciata + armamento:	$\gamma_{ballast}$	= 18 kN/m ³

6.1. Peso proprio strutture

Il peso proprio delle strutture è assegnato automaticamente dal programma di calcolo.

6.2. Carichi permanenti portati

Si assumono i seguenti carichi permanenti:

Ricoprimento soletta superiore	$S_{ric} \cdot \gamma_{ril}$
Supercompattato	$h_s \cdot \gamma_{ric}$
Ballast	$h_b \cdot \gamma_{ballast}$

I permanenti portati hanno l'andamento riportato in figura seguente:

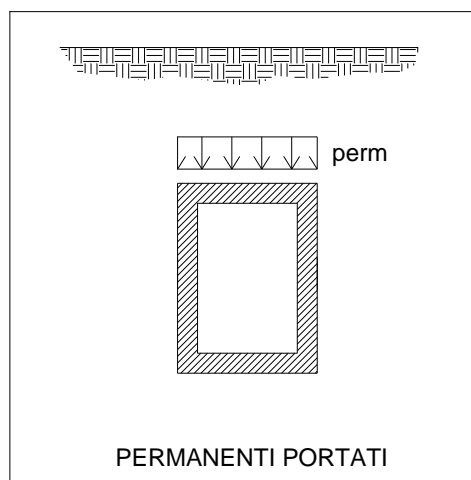


Figura 2 – Schema carichi permanenti

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6.3. Spinta del terreno

Le azioni del terreno (spinta sulle pareti, peso del ricoprimento) vengono valutate per i seguenti parametri:

$$\gamma = 20 \text{ kN/m}^3$$

$$\phi = 35^\circ$$

$$c = 0$$

La pressione orizzontale efficace del terreno, σ'_h , sul manufatto viene posta pari ad una frazione della tensione verticale efficace litostatica:

$$\sigma'_h = K \sigma'_v$$

con: σ'_v = tensione efficace verticale

K = coefficiente di spinta

La tensione verticale litostatica ha la seguente espressione:

$$\sigma_v(z) = h_b \cdot \gamma_b + h_s \cdot \gamma_s + (s_{ric} + z) \cdot \gamma_t$$

dove: s_{ric} = ricoprimento del manufatto

z = distanza dall'estradosso del manufatto

h_b = spessore del ballast

h_s = spessore del supercompattato

γ_t = peso specifico del terreno

γ_b = peso specifico del ballast

γ_s = peso proprio del supercompattato

La pressione orizzontale ha l'andamento riportato in figura seguente:

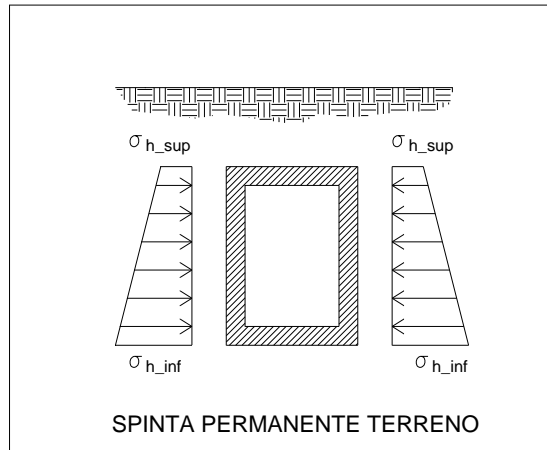


Figura 3 – Schema carichi spinta terreno

La spinta permanente del terreno viene analizzata in tre diverse condizioni:

- $K = K_0 = 1 - \sin\phi$ per entrambi i montanti
- $K = K_0 = 1 - \sin\phi$ per il montante sinistro
 $K = 0.6 K_0 = 0.6 (1 - \sin\phi)$ per il montante destro
- $K = 0.6 K_a = 0.6 (1 - \sin\phi) / (1 + \sin\phi)$ per entrambi i montanti

6.4. Spinte e sottospinte idrauliche

La presenza della falda comporta azioni idrostatiche sui piedritti e sulla soletta di fondazione. Esse risultano pari a:

- Spinta orizzontale sui piedritti: $\sigma_h(z) = (z - z_f) \cdot \gamma_w$
- Sottospinta sulla soletta inferiore: $\sigma_v(z) = (z_s - z_f) \cdot \gamma_w$
 dove z_s = quota della soletta inferiore.

Per la posizione della falda rispetto all'opera in oggetto non si hanno azioni idrostatiche.

6.5. Sovraccarico accidentale LM71

Il sovraccarico accidentale LM71 è assunto come in figura.

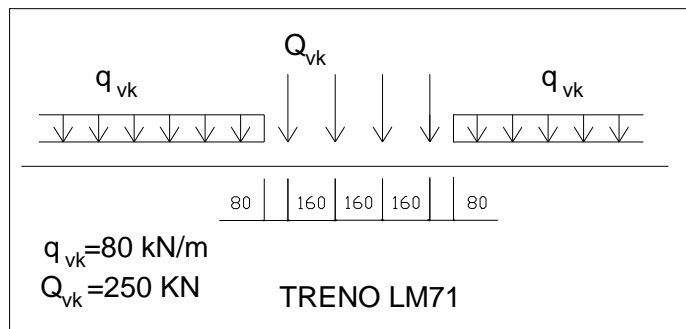


Figura 4 – Schema di carico treno LM71

dove:

$Q_{vk} = 4$ assi da 250 kN disposti ad interasse di 1.60 m

q_k = carico distribuito di 80 kN/m in entrambe le direzioni, a partire da 0.80 m dagli assi di estremità e per una lunghezza illimitata

Lo scatolare viene assimilato ad un ponte di categoria A, pertanto tutti i carichi sopra descritti vengono moltiplicati per un coefficiente di adattamento $\alpha = 1.1$.

6.6. Sovraccarico accidentale SW2

Il sovraccarico accidentale SW/2 è assunto come in figura.

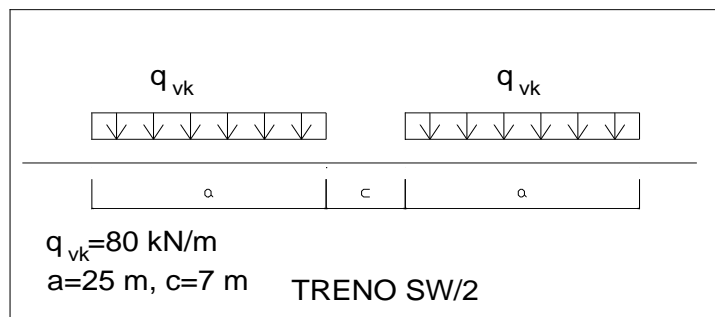


Figura 5 – Schema di carico treno SW2

dove:

q_k = carico distribuito di 150 kN/m su due stese per una lunghezza ciascuna pari a 25 m e intervallato da 7 m

Lo scatolare viene assimilato ad un ponte di categoria A, pertanto tutti i carichi sopra descritti vengono moltiplicati per un coefficiente di adattamento $\alpha = 1.0$.

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Foglio 18 di 191		

6.7. Incremento dinamico

Tutti i carichi accidentali ferroviari vengono amplificati per un coefficiente dinamico determinato in relazione ad una linea con ridotto standard manutentivo.

Per scatolari di luce netta inferiore a 8.00 m e altezza netta inferiore a 5.00 m esso vale $\phi_3 = 1.35$.

Per ricoprimenti maggiori di 1.0 m il coefficiente dinamico può essere ridotto secondo l'espressione:

$$\phi_{3,rid} = \phi_3 - (h - 1.00) / 10$$

essendo h la distanza tra estradosso soletta superiore e faccia superiore delle traversine e dovendo comunque risultare $\phi_{3,rid} > 1$.

Per h maggiore di 2.50 m il coefficiente dinamico può essere assunto unitario.

Essendo nel presente caso $h=1.40$ m circa, il coefficiente dinamico assume valore unitario.

$$\phi_3 = 1.35$$

6.8. Spinta del terreno per sovraccarico LM71 e SW2

La pressione orizzontale efficace del terreno, σ'_{hq} , sul manufatto dovuta al transito del treno LM71 o SW/2 viene posta pari ad una frazione della tensione verticale efficace accidentale:

$$\sigma'_{hq} = K \cdot \sigma'_{vq}$$

con: σ'_{vq} = tensione efficace verticale dovuta al treno LM71 o SW/2

$$K = K_0 = 1 - \sin\phi$$

avendo assunto un coefficiente di spinta pari a quello a riposo per l'elevata rigidità dello scatolare.

La pressione orizzontale accidentale viene applicata sul solo montante sinistro, secondo l'andamento riportato in figura

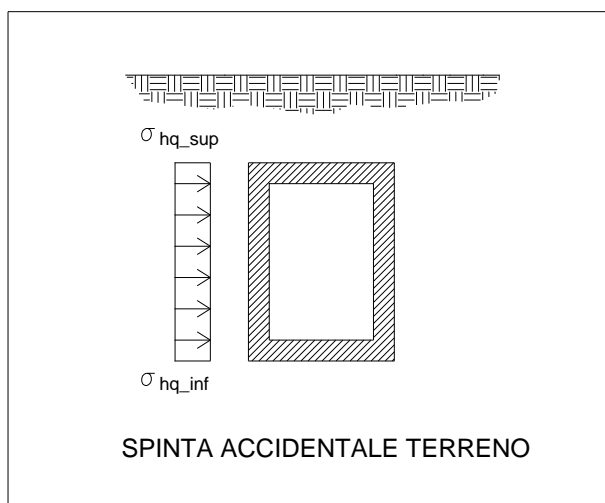


Figura 6 – Schema di carico spinta del terreno per sovraccarico ferroviario

6.9. Avviamento LM71

La forza di avviamento del treno LM71 viene assunta pari a:

$$Q=33 \cdot L \text{ kN}$$

con L la lunghezza di binario interessata dallo scatolare, assunta uguale alla larghezza dello scatolare stesso. Tale risultante non dovrà superare 1000 kN.

La risultante di avviamento viene ripartita sulla soletta superiore con andamento riportato in figura:

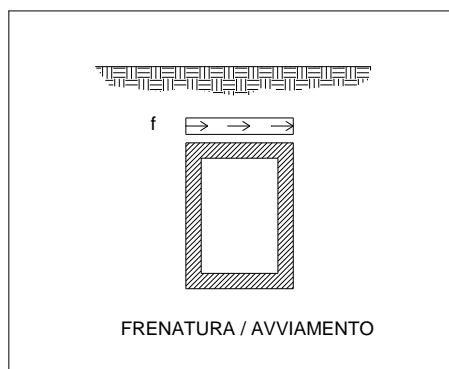


Figura 7 – Schema di carico avviamento LM71

6.10. Frenatura SW/2

La forza di frenatura del treno SW/2 viene assunta pari a:

$$Q=35 \cdot L \text{ kN}$$

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La risultante di frenatura viene ripartita sulla soletta superiore con andamento riportato in figura precedente.

6.11. Temperatura

Si assume una variazione termica uniforme di $\Delta T=15^{\circ}\text{C}$ sulla soletta superiore. Poiché gli effetti della variazione termica possono essere valutati in corrispondenza di un modulo di deformabilità 3 volte inferiore, gli effetti termici equivalgono a quelli prodotti da una variazione termica pari a $\Delta T=15/3=5^{\circ}\text{C}$ e modulo di deformabilità intero.

6.12. Carichi sismici

Le azioni sismiche sono state valutate considerando l'opera in zona a bassa sismicità ($S=6$). Come prescritto dalle norme ferroviarie, la verifica in condizione sismica è condotta solo nei casi in cui il ricoprimento è inferiore alla metà dell'altezza totale dello scatolare, $s_{\text{ric}} < H/2$.

Come riportato nell'istruzione FS 44/b gli effetti sismici possono essere valutati mediante l'analisi statica della struttura soggetta a:

- un sistema di forze orizzontali parallele alla direzione ipotizzata per il sisma, la risultante di tali forze viene valutata con l'espressione:

$$F_h = C \cdot R \cdot I \cdot \varepsilon \cdot \beta \cdot W$$

essendo:

$$C = (S - 2) / 100 \quad \text{coefficiente di intensità sismica}$$

$$S = 6 \quad \text{grado di sismicità}$$

$$R = 1.0 \quad \text{coefficiente di risposta}$$

$$I = 1.0 \quad \text{coefficiente di protezione sismica}$$

$$\varepsilon = 1.3 \quad \text{coefficiente di fondazione}$$

$$\beta = 1.0 \quad \text{coefficiente di struttura}$$

$$W = P + Q \quad \text{il peso delle masse strutturali, ove:}$$

$$P = \text{pesi propri + sovraccarichi permanenti}$$

$$Q = s \cdot Q_t \quad \text{peso convenzionale dei treni sismici}$$

- un sistema di forze verticali distribuite sulla struttura la cui risultante sarà:

$$F_v = m \cdot C \cdot I \cdot \varepsilon \cdot \beta \cdot W$$

$$\text{con } m = 2$$

6.12.1. Sovraccarico ferroviario in fase sismica

In osservanza alle prescrizioni contenute nell'istruzione FS 44/b, la verifica in condizioni sismiche va condotta considerando un particolare sovraccarico detto "treno sismico", avente le seguenti caratteristiche:

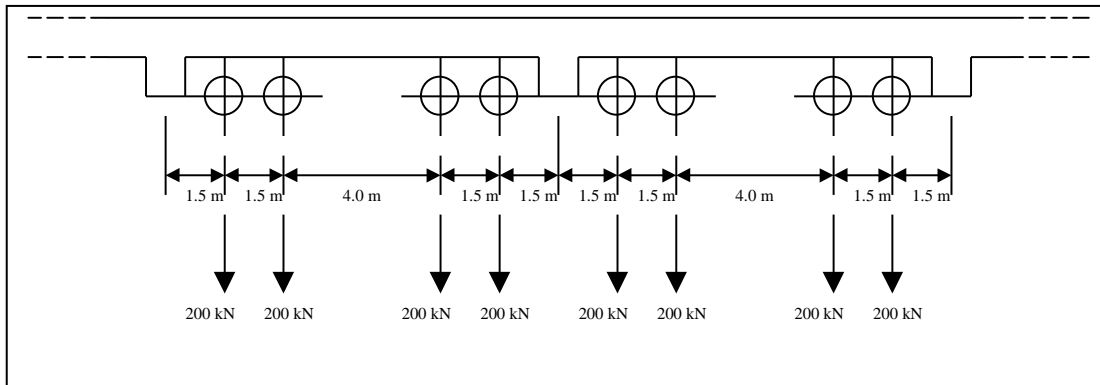


Figura 8 – Schema di carico treno sismico

La risultante del sovraccarico da considerarsi viene valutata secondo la seguente espressione:

$$Q_s = s \cdot Q_t = \sum_i A_i$$

dove:

Q_t rappresenta il peso degli assi da 200 kN del treno teorico, disposti ad interasse come in figura, ove la sommatoria è estesa a tutti gli assi che insistono sul manufatto (n).

$s = 1 + 0.5 \cdot (n - 1)$ rappresenta il coefficiente di contemporaneità di transito di più treni ed n il numero di binari previsti.

In relazione alla larghezza B e alla larghezza di distribuzione trasversale b_d dello scatolare, si avrà un numero N di assi di carico che interessano lo scatolare per cui la risultante del treno sismico vale:

$$Q_s = s \cdot Q_t / b_d \cdot n \text{ kN}$$

6.12.2. Forze di inerzia

La forza d'inerzia dovuta al peso dello scatolare è data da una azione ripartita in direzione orizzontale pari al peso dell'elemento considerato, moltiplicato coefficiente di intensità sismica:

$$f_{is} = C \cdot R \cdot I \cdot \varepsilon \cdot \beta \cdot s_i \cdot \gamma_{cls}$$

La forza d'inerzia dovuto al peso del ricoprimento, del ballast, del supercompattato e del sovraccarico ferroviario sismico viene ottenuta moltiplicando il rispettivi pesi per il coefficiente di intensità sismica:

$$f_{is} = C \cdot R \cdot I \cdot \varepsilon \cdot \beta \cdot (Q_s / (L_{tot} \cdot b_d) + p_{perm})$$

con:

L_{tot} = larghezza dello scatolare;

b_d = larghezza di ripartizione trasversale dei carichi

p_{perm} = peso del ballast, del supercompattato e del ricoprimento a metro quadro di superficie

Q_s = risultante del treno sismico sullo scatolare.

6.12.1. Spinta sismica del terreno

Le strutture scatolari appartengono a una categoria di opera soggetta a vincoli che ne limitano gli spostamenti orizzontali e le rotazioni. Valgono allora le seguenti considerazioni:

- in tale categoria di opera non sempre vengono raggiunte nel terreno condizioni corrispondenti allo stato limite di equilibrio attivo;
- nel momento in cui risulta plausibile che le condizioni di spinta a tergo dell'opera non raggiungono quelle corrispondenti all'equilibrio limite attivo, dal punto di vista concettuale l'applicazione della teoria di Mononobe-Okabe risulterebbe non più giustificabile.

Al fine di superare tale problema nelle analisi sismiche si adatterà un coefficiente sismico k_h pari all'accelerazione sismica e quindi $k_h = C \cdot R \cdot I \cdot \varepsilon \cdot \beta$.

La risultante della spinta sismica si ottiene integrando le pressioni sull'altezza dello scatolare.

L'incremento di spinta sismica, pari alla differenza tra la risultante di spinta in fase sismica e statica, viene applicata, come condizione più sfavorevole su entrambi i piedritti, con uguale intensità e verso opposto, con una distribuzione di pressioni triangolare con vertice all'intradosso della soletta di fondazione, come riportato in figura seguente.

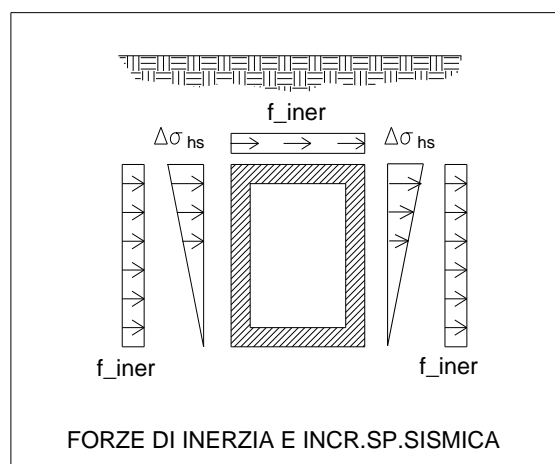


Figura 9 – Schema carichi forze di inerzia e incremento di spinta sismico

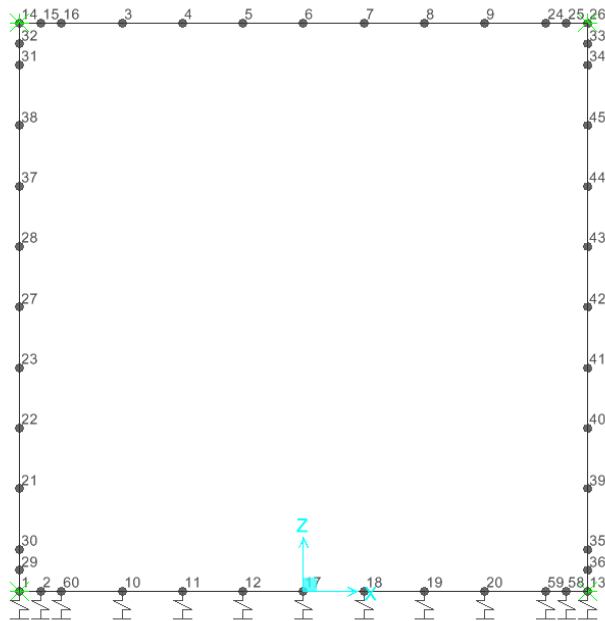
7. CALCOLO DELLE SOLLECITAZIONI

La verifica dello scatolare viene condotto con programma di calcolo automatico che determina, tenendo conto delle azioni descritte, le sollecitazioni massime nei singoli elementi strutturali; nei nodi significativi sono poi effettuate le verifiche di sicurezza con il metodo delle tensioni ammissibili.

7.1. Modello di calcolo

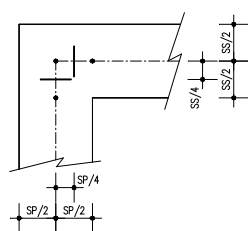
Il modello di calcolo è costituito da un telaio piano che rappresenta una striscia di scatolare di larghezza unitaria. Le solette, di copertura e fondazione, ed i montanti sono modellati da elementi trave, posti in corrispondenza della rispettiva linea media. L'elemento trave che rappresenta la soletta di fondazione è considerato poggiante su di un letto di molle con assegnata costante di Winkler.

Il modello di calcolo, insieme alla numerazione dei nodi, è riportato in figura successiva.

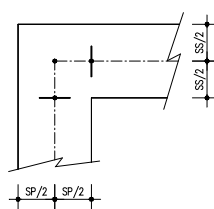


Le verifiche strutturali sono eseguite in corrispondenza delle sezioni più sollecitate. Con riferimento alle sezioni di incastro, i valori di sollecitazione flettente e tagliante – utilizzati per le verifiche – sono stati valutati come illustrato nel seguente schema:

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VERIFICHE A FLESSIONE



VERIFICHE A FESSURAZIONE E TAGLIO

Nello specifico le azioni per le verifiche flessionali sono ricavate dal modello numerico in corrispondenza della sezione posta a un quarto dello spessore dall'asse dell'elemento finito, l'azione tagliante e le azioni per le verifiche a fessurazione vengono invece valutate in corrispondenza della sezione posta a un mezzo dello spessore dall'asse dell'elemento finito.

7.2. Geometria delle aste

Gli spessori delle aste nel modello rispettano la geometria dello scatolare. In particolare:

- Soletta inferiore: Sezione 100x35 cm
- Soletta superiore: Sezione 100x35 cm
- Pareti laterali: Sezione 100x35 cm

7.3. Condizioni di carico

Si analizzano le seguenti condizioni di carico elementari

1. Pesi propri
2. Permanenti portati
3. Spinta del terreno simmetrica per $K=K_0$
4. Spinta del terreno per $K=K_0$ (montante sinistro) e $K=0.6K_0$ (montante destro)
5. Spinta del terreno simmetrica per $K=0.6K_a$
6. Accidentale LM71 in mezzeria
7. Accidentale LM71 in appoggio
8. Spinta del terreno a riposo per LM71 montante sinistro
9. Avviamento LM71
10. Accidentale SW/2 in mezzeria
11. Spinta del terreno a riposo per SW/2 montante sinistro
12. Frenatura SW/2
13. Temperatura

7.4. Analisi dei carichi sulle aste e ai nodi del modello

In relazione alle dimensioni dello scatolare in oggetto ed all'effettivo ricoprimento, si riportano le azioni sulle aste del modello di calcolo, per le diverse condizioni di carico elementari riportate in precedenza.

CONDIZIONE DI CARICO N°1: Peso proprio

Applicato automaticamente dal programma di calcolo ad ogni asta.

CONDIZIONE DI CARICO N°2: Permanenti portati

Soletta superiore:

Elemento	Spess.	γ	Peso
Ballast	0.80 m	18 kN/m ³	14.40 kN/m
Supercompattato	0.30 m	22 kN/m ³	6.60 kN/m
Ricoprimento	0.30 m	20 kN/m ³	6.00 kN/m
Totale			27.00 kN/m

CONDIZIONE DI CARICO N°3: Spinta a riposo simmetrica

$$K = K_0 = 1 - \sin\phi = 0.426$$

$$\sigma_{h1} = 0.426 \cdot [18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35/2)] \cdot c = 13.01 \cdot c \text{ kN/m}$$

$$\sigma_{h2} = 0.426 \cdot [18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35 + 2.00 + 0.35/2)] \cdot c = 33.05 \cdot c \text{ kN/m}$$

$$F1 = 0.426 \cdot [(18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35/4)) \cdot 0.35/2] \cdot c = 2.15 \cdot c \text{ kN}$$

$$F2 = 0.426 \cdot [(18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35 + 2.00 + 3 \cdot 0.35/4)) \cdot 0.35/2] \cdot c = 5.91 \cdot c \text{ kN}$$

c = coefficienti moltiplicativi: parete sx = 1.0, parete dx = 1.0

Parete sinistra

Parete destra

$$\sigma_{h1} = 13.01 \text{ kN/m}$$

$$\sigma_{h1} = 13.01 \text{ kN/m}$$

$$\sigma_{h2} = 33.05 \text{ kN/m}$$

$$\sigma_{h2} = 33.05 \text{ kN/m}$$

$$F1 = 2.15 \text{ kN}$$

$$F1 = 2.15 \text{ kN}$$

$$F2 = 5.91 \text{ kN}$$

$$F2 = 5.91 \text{ kN}$$

CONDIZIONE DI CARICO N°4: Spinta a riposo sulla parete sinistra

$$K = K_0 = 1 - \sin\phi = 0.426$$

$$\sigma_{h1} = 0.426 \cdot [18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35/2)] \cdot c = 13.01 \cdot c \text{ kN/m}$$

$$\sigma_{h2} = 0.426 \cdot [18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35 + 2.00 + 0.35/2)] \cdot c = 33.05 \cdot c \text{ kN/m}$$

$$F1 = 0.426 \cdot [(18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35/4)) \cdot 0.35/2] \cdot c = 2.15 \cdot c \text{ kN}$$

$$F2 = 0.426 \cdot [(18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35 + 2.00 + 3 \cdot 0.35/4)) \cdot 0.35/2] \cdot c = 5.91 \cdot c \text{ kN}$$

c = coefficienti moltiplicativi: parete sx =1.0, parete dx=0.6

Parete sinistra

Parete destra

$$\sigma_{h1} = 13.01 \text{ kN/m}$$

$$\sigma_{h1} = 7.80 \text{ kN/m}$$

$$\sigma_{h2} = 33.05 \text{ kN/m}$$

$$\sigma_{h2} = 19.83 \text{ kN/m}$$

$$F1 = 2.15 \text{ kN}$$

$$F1 = 1.29 \text{ kN}$$

$$F2 = 5.91 \text{ kN}$$

$$F2 = 3.55 \text{ kN}$$

CONDIZIONE DI CARICO N°5: Spinta attiva simmetrica

$$K = K_a = (1 - \sin\phi)/(1 + \sin\phi) = 0.271$$

$$\sigma_{h1} = 0.426 \cdot [18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35/2)] \cdot c = 13.01 \cdot c \text{ kN/m}$$

$$\sigma_{h2} = 0.426 \cdot [18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35 + 2.00 + 0.35/2)] \cdot c = 33.05 \cdot c \text{ kN/m}$$

$$F1 = 0.426 \cdot [(18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35/4)) \cdot 0.35/2] \cdot c = 2.15 \cdot c \text{ kN}$$

$$F2 = 0.426 \cdot [(18 \cdot 0.8 + 22 \cdot 0.3 + 20 \cdot (0.3 + 0.35 + 2.00 + 3 \cdot 0.35/4)) \cdot 0.35/2] \cdot c = 5.91 \cdot c \text{ kN}$$

c = coefficienti moltiplicativi: parete sx =0.6, parete dx=0.6

Parete sinistra

Parete destra

$$\sigma_{h1} = 4.96 \text{ kN/m}$$

$$\sigma_{h1} = 4.96 \text{ kN/m}$$

$$\sigma_{h2} = 12.60 \text{ kN/m}$$

$$\sigma_{h2} = 12.60 \text{ kN/m}$$

$$F1 = 0.82 \text{ kN}$$

$$F1 = 0.82 \text{ kN}$$

$$F2 = 2.25 \text{ kN}$$

$$F2 = 2.25 \text{ kN}$$

Coefficiente dinamico

Per ricoprimenti dello scatolare di circa 1.40 m, il coefficiente dinamico è assunto pari a:

$$\phi_3 = 1.35$$

Ripartizione trasversale del carico:

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Diffondendo il carico nel ricoprimento, supponendo una diffusione di 1:4 all'interno del ballast, di ϕ nel terreno di ricoprimento e all'interno del supercompattato e 1:1 all'interno della soletta, l'impronta di carico in senso trasversale all'estradosso soletta superiore vale:

$$b_d = 2.60 + 2 (0.8/4 + (0.30 + 0.30) \cdot \tan 35^\circ + 0.35/2) = \mathbf{4.19 \text{ m}}$$

Non si ha la sovrapposizione dei carichi dei binari che sono posti a interasse di 4.5 m.

Per $b_d > 4.5 \text{ m}$ si assume $b_d = \mathbf{4.5 \text{ m}}$.

CONDIZIONE DI CARICO N°6: Treno LM71 in mezzeria

Il treno LM71 viene schematizzato con un carico ripartito di

$$q_1 = (4 \cdot 250) / (4 \cdot 1.6) = 156 \text{ kN/m}$$

su una lunghezza di $L_q = 4 \cdot 1.6 = 6.4 \text{ m}$ e con un carico ripartito di

$$q_2 = 80 \text{ kN/m}$$

all'esterno di L_q .

Il coefficiente di adattamento α vale 1.1.

Per la ripartizione del carico in senso trasversale, il carico verticale dovuto al transito del treno vale pertanto:

$$q_{sf1} = \phi_3 \alpha q_1 / b_d = 1.35 \cdot 1.1 \cdot 156 / 4.19 = \mathbf{55.37 \text{ kN/m}}$$
 per tutto lo sviluppo della soletta

$$P_{sf1} = q_{sf1} \cdot sp / 2 = 55.37 \cdot 0.35 / 2 = \mathbf{9.69 \text{ kN}}$$

Essendo lo sviluppo del tombino inferiore a 6.4 m sulla soletta insiste il solo carico q_1 .

CONDIZIONE DI CARICO N°7: Treno LM71 in appoggio

Essendo lo sviluppo del tombino inferiore a 6.4 m la condizione di carico N. 7 è uguale alla condizione di carico N.6.

CONDIZIONE DI CARICO N°8: Spinta a riposo treno LM71 sulla parete sinistra

Coefficiente di spinta: $K = 0.426$.

In corrispondenza degli estremi delle aste che rappresentano le pareti, la pressione della terra dovuta al transito del LM71 vale:

$$\sigma_h = K \alpha q_1 / b_d = \mathbf{17.49 \text{ kN/m}}$$

Le risultanti orizzontali della pressione del terreno in corrispondenza della soletta superiore ed inferiore sono:

$$F_1 = \sigma_h \cdot ss/2 = \mathbf{3.06 \text{ kN}}$$

$$F_2 = \sigma_h \cdot si/2 = \mathbf{3.06 \text{ kN}}$$

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CONDIZIONE DI CARICO N°9: Avviamento treno LM71

La forza di avviamento a metro lineare viene valutata come:

$$p = \max(1000, 33 \times L_{\text{tot}}) / L_{\text{calc}} / b_d = \max(1000, 33 \cdot 2.70) / 2.35 / 4.19 = \mathbf{9.05 \text{ kN/m}}$$

con $f = 33 \text{ kN/m}$: forza di avviamento LM71 per binario

100 kN: massima forza di avviamento

$$L_{\text{tot}} = \text{larghezza totale del tombino} = 2.70 \text{ m}$$

$$L_{\text{calc}} = \text{larghezza di calcolo del tombino} = 2.35 \text{ m}$$

$$b_d = \text{larghezza trasversale collaborante} = 4.19 \text{ m}$$

CONDIZIONE DI CARICO N°10: Treno SW/2 in mezzeria

Il treno SW/2 viene schematizzato con un carico ripartito di

$$q_1 = 150 \text{ kN/m}$$

su una lunghezza di $L = 15.0 \text{ m}$

Il coefficiente di adattamento α vale 1.00.

Per la diffusione del carico in senso trasversale, il carico verticale dovuto al transito del treno vale pertanto:

$$q_{\text{sf}} = \phi_3 \alpha q_1 / b_d = \mathbf{48.33 \text{ kN/m}}$$

$$P_{\text{sf1}} = q_{\text{sf}} \cdot s_p / 2 = \mathbf{8.46 \text{ kN}}$$

CONDIZIONE DI CARICO N°11: Spinta a riposo treno SW/2 sulla parete sinistra

Coefficiente di spinta: $K = 0.426$

In corrispondenza degli estremi delle aste che rappresentano le pareti, la pressione della terra dovuta al transito del SW/2 vale:

$$\sigma_h = K \alpha q_1 / b_d = \mathbf{15.26 \text{ kN/m}}$$

Le risultanti orizzontali della pressione del terreno in corrispondenza della soletta superiore ed inferiore sono:

$$F1 = \sigma_h \cdot s_s / 2 = \mathbf{2.67 \text{ kN}}$$

$$F2 = \sigma_h \cdot s_i / 2 = \mathbf{2.67 \text{ kN}}$$

CONDIZIONE DI CARICO N°12: Frenatura treno SW/2

La forza di frenatura viene valutata come

$$p = 35 \cdot L_{\text{tot}}/L_{\text{calc}} / b_d = \mathbf{9.60 \text{ kN/m}}$$

con $f = 35 \text{ kN/m}$: forza di frenatura SW/2 per binario

$$L_{\text{tot}} = \text{larghezza totale del tombino} = 2.70 \text{ m}$$

$$L_{\text{calc}} = \text{larghezza di calcolo del tombino} = 2.35 \text{ m}$$

$$b_d = \text{larghezza trasversale collaborante} = 4.19 \text{ m}$$

CONDIZIONE DI CARICO N°13: Variazioni termiche

Una variazione termica uniforme della soletta superiore pari a

$$\Delta T = 15^\circ\text{C}$$

ed un modulo di deformabilità ridotto ad 1/3 equivalgono ad assumere una variazione termica di

$$\Delta T = 15/3 = \mathbf{5^\circ\text{C}}$$

CONDIZIONE DI CARICO N°15: Azioni sismiche

Spinta sismica del terreno sul montante sinistro:

$$\Delta F_{s\text{-ter}} = 0.052 \cdot ((13.01 + 33.05) / 2 \cdot 2.35) = 2.81 \text{ kN}$$

Per il calcolo della spinta dovuta al sovraccarico ferroviario (treno sismico), si è utilizzato l'equivalente tagliante $P_{2s} = 200.0 \text{ kN/m}$.

$$\Delta F_{s\text{-treno}} = 0.426 (1+0.052) \cdot 200 = 89.72 \text{ kN}$$

$$\Delta F_s = \Delta F_{s\text{-ter}} + \Delta F_{s\text{-treno}} = 92.53 \text{ kN}$$

$$\Delta \sigma_{hs1} = \Delta F_s \cdot 2 / 2.35 = \mathbf{78.75 \text{ kN/m}}$$

$$\Delta \sigma_{hs2} = 0$$

Sovraccarico ferroviario in fase sismica:

Date le dimensioni dello scatolare, i binari non risultano interagenti, da cui: $s = 1$ e quindi la risultante del treno sismico è: $Q_s = 200 \cdot 8 = 1600 \text{ kN}$

Dalla tabella B.17.1 dell'Istruzione 44b, si ricavano gli equivalenti flettenti e taglianti del carico sismico per la larghezza dello scatolare, $L = 2.7 \text{ m}$:

$$P_{1s} = 150.0 \text{ kN/m (equivalente flettente)}$$

$$P_{2s} = 200.0 \text{ kN/m (equivalente tagliante)}$$

Dividendo per la larghezza di ripartizione, si ottiene:

$$P_{1s} = 150.0 / 4.19 = \mathbf{35.80 \text{ kN/m}}$$

$$P_{2s} = 200.0 / 4.19 = \mathbf{47.73 \text{ kN/m}}$$

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In corrispondenza dei piedritti:

$$F_{11s} = F_{12s} = 35.80 \cdot 0.35 / 2 = \mathbf{6.26 \text{ kN}}$$

$$F_{21s} = F_{22s} = 47.73 \cdot 0.35 / 2 = \mathbf{8.35 \text{ kN}}$$

Forze di inerzia orizzontali:

$f_{iw} = \mathbf{0.052} \cdot s_i \cdot \gamma_{cls}$ applicato automaticamente dal programma di calcolo ad ogni asta

$$f_{is} = 0.052 (1600 / 2.70 / 4.19 + 27.00) = \mathbf{8.76 \text{ kN/m}}$$

Forze di inerzia verticali:

$f_{iw} = \pm\mathbf{0.104} \cdot s_i \cdot \gamma_{cls}$ applicato automaticamente dal programma di calcolo ad ogni asta

$$f_{is} = \pm 0.104 (1600 / 2.70 / 4.19 + 27.00) = \pm\mathbf{17.52 \text{ kN/m}}$$

7.5. Combinazioni di carico

In relazione alle condizioni elementari di carico riportate ai paragrafi precedenti, le verifiche di sicurezza vengono condotte per le seguenti combinazioni di carico:

Comb. TA1	num.comb 54	da comb 1	a comb 54
Comb. TA2	num.comb 54	da comb 55	a comb 108
Comb. TA3	num.comb 6	da comb 109	a comb 114
Comb. TA5	num.comb 18	da comb 115	a comb 132
Sisma	num.comb 2	da comb 133	a comb 134

All'interno delle 54 combinazioni TA1 e TA2 le prime 18 combinazioni si riferiscono rispettivamente al gruppo di verifica 1, le seconde 18 al gruppo 3_a e le terze 18 al gruppo di verifica 3_b, così definiti:

	Accidentale verticale (LM71 o SW/2)	Frenatura o avviamento
Gruppo 1	1.00	0.00
Gruppo 3_a	1.00	1.00
Gruppo 3_b	0.70	1.00

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All'interno di ognuna delle 18 combinazioni, le prime, le seconde e le terze 6 combinazioni si riferiscono rispettivamente alle tre condizioni di spinta statica del terreno (K_0 sui due montanti, K_0 sul montante sinistro e $0.6K_0$ sul montante destro, $0.6K_a$ sui due montanti). All'interno di ognuna delle sei combinazioni, le prime tre e le seconde tre si riferiscono rispettivamente alle condizioni con + e - ΔT , mentre ognuna delle tre combinazioni si riferisce alle condizioni LM71 in mezzeria, LM71 in appoggio e SW/2 in mezzeria.

All'interno delle 6 combinazioni TA3, non essendo presente il sovraccarico accidentale e la relativa frenatura/avviamento, le prime, le seconde e le terze 2 combinazioni si riferiscono rispettivamente alle tre condizioni di spinta statica del terreno (K_0 sui due montanti, K_0 sul montante sinistro e $0.6K_0$ sul montante destro, $0.6K_a$ sui due montanti). All'interno di ognuna delle 2 combinazioni, la prima e la seconda si riferiscono rispettivamente alle condizioni con + e - ΔT .

All'interno delle 18 combinazioni TA5, essendoci un solo gruppo di verifica, così definito:

	Accidentale verticale (LM71 o SW/2)	Frenatura o avviamento
Gruppo 6	0.80	0.80

le prime, le seconde e le terze 6 combinazioni si riferiscono rispettivamente alle tre condizioni di spinta statica del terreno (K_0 sui due montanti, K_0 sul montante sinistro e $0.6K_0$ sul montante destro, $0.6K_a$ sui due montanti). All'interno di ognuna delle sei combinazioni, le prime tre e le seconde tre si riferiscono rispettivamente alle condizioni con + e - ΔT , mentre ognuna delle tre combinazioni si riferisce alle condizioni LM71 in mezzeria, LM71 in appoggio e SW/2 in mezzeria.

Le due combinazioni sismiche, se presenti, si riferiscono a sisma + e sisma -, con le componenti sismiche sommate come da normativa ($\alpha = (\alpha_h^2 + \alpha_v^2)^{1/2}$).

Gli effettivi coefficienti moltiplicativi adottati nelle 134 combinazioni di carico, in relazione alle 15 condizioni elementari di carico, sono riportati nelle tabelle che seguono.

Le verifiche di sicurezza in termini tensionali vengono condotte per le sole combinazioni TA1, TA2, TA3 e Fase sismica, rispettivamente rappresentate dalle combinazioni da 1 a 114 e da 133 a 134, essendo le altre sicuramente verificate. Le verifiche a fessurazione vengono condotte per le combinazioni da 115 a 132.

Le combinazioni di carico studiate sono le seguenti:

Combinazione T.A.1		
n°	Nome	Condizioni di carico

		1+2	3	4	5	6	7	8	9	10	11	12	13
1	TAIG1A1	1	1	-	-	1	-	1	-	-	-	-	0.6
2	TAIG1B1	1	1	-	-	-	1	1	-	-	-	-	0.6
3	TAIG1C1	1	1	-	-	-	-	-	-	1	1	-	0.6
4	TAIG1D1	1	1	-	-	1	-	1	-	-	-	-	-0.6
5	TAIG1E1	1	1	-	-	-	-	1	1	-	-	-	-0.6
6	TAIG1F1	1	1	-	-	-	-	-	-	1	1	-	-0.6
7	TAIG1A2	1	-	1	-	1	-	1	-	-	-	-	0.6
8	TAIG1B2	1	-	1	-	-	-	1	1	-	-	-	0.6
9	TAIG1C2	1	-	1	-	-	-	-	-	1	1	-	0.6
10	TAIG1D2	1	-	1	-	1	-	1	-	-	-	-	-0.6
11	TAIG1E2	1	-	1	-	-	-	1	1	-	-	-	-0.6
12	TAIG1F2	1	-	1	-	-	-	-	-	1	1	-	-0.6
13	TAIG1A3	1	-	-	1	1	-	1	-	-	-	-	0.6
14	TAIG1B3	1	-	-	1	-	-	1	1	-	-	-	0.6
15	TAIG1C3	1	-	-	1	-	-	-	-	1	1	-	0.6
16	TAIG1D3	1	-	-	1	1	-	1	-	-	-	-	-0.6
17	TAIG1E3	1	-	-	1	-	-	1	1	-	-	-	-0.6
18	TAIG1F3	1	-	-	1	-	-	-	-	1	1	-	-0.6
19	TAIG31A1	1	1	-	-	1	-	1	1	-	-	-	0.6
20	TAIG31B1	1	1	-	-	-	-	1	1	1	-	-	0.6
21	TAIG31C1	1	1	-	-	-	-	-	-	1	1	1	0.6
22	TAIG31D1	1	1	-	-	1	-	1	1	-	-	-	-0.6
23	TAIG31E1	1	1	-	-	-	-	1	1	1	-	-	-0.6
24	TAIG31F1	1	1	-	-	-	-	-	-	1	1	1	-0.6
25	TAIG31A2	1	-	1	-	1	-	1	1	-	-	-	0.6
26	TAIG31B2	1	-	1	-	-	-	1	1	1	-	-	0.6
27	TAIG31C2	1	-	1	-	-	-	-	-	1	1	1	0.6
28	TAIG31D2	1	-	1	-	1	-	1	1	-	-	-	-0.6
29	TAIG31E2	1	-	1	-	-	-	1	1	1	-	-	-0.6
30	TAIG31F2	1	-	1	-	-	-	-	-	1	1	1	-0.6
31	TAIG31A3	1	-	-	1	1	-	1	1	-	-	-	0.6
32	TAIG31B3	1	-	-	1	-	-	1	1	1	-	-	0.6
33	TAIG31C3	1	-	-	1	-	-	-	-	1	1	1	0.6
34	TAIG31D3	1	-	-	1	1	-	1	1	-	-	-	-0.6
35	TAIG31E3	1	-	-	1	-	-	1	1	1	-	-	-0.6
36	TAIG31F3	1	-	-	1	-	-	-	-	1	1	1	-0.6
37	TAIG32A1	1	1	-	-	0.7	-	0.7	1	-	-	-	0.6
38	TAIG32B1	1	1	-	-	-	-	0.7	0.7	1	-	-	0.6
39	TAIG32C1	1	1	-	-	-	-	-	-	0.7	0.7	1	0.6
40	TAIG32D1	1	1	-	-	0.7	-	0.7	1	-	-	-	-0.6
41	TAIG32E1	1	1	-	-	-	-	0.7	0.7	1	-	-	-0.6
42	TAIG32F1	1	1	-	-	-	-	-	-	0.7	0.7	1	-0.6
43	TAIG32A2	1	-	1	-	0.7	-	0.7	1	-	-	-	0.6
44	TAIG32B2	1	-	1	-	-	-	0.7	0.7	1	-	-	0.6
45	TAIG32C2	1	-	1	-	-	-	-	-	0.7	0.7	1	0.6
46	TAIG32D2	1	-	1	-	0.7	-	0.7	1	-	-	-	-0.6
47	TAIG32E2	1	-	1	-	-	-	0.7	0.7	1	-	-	-0.6
48	TAIG32F2	1	-	1	-	-	-	-	-	0.7	0.7	1	-0.6
49	TAIG32A3	1	-	-	1	0.7	-	0.7	1	-	-	-	0.6
50	TAIG32B3	1	-	-	1	-	-	0.7	0.7	1	-	-	0.6
51	TAIG32C3	1	-	-	1	-	-	-	-	0.7	0.7	1	0.6
52	TAIG32D3	1	-	-	1	0.7	-	0.7	1	-	-	-	-0.6
53	TAIG32E3	1	-	-	1	-	-	0.7	0.7	1	-	-	-0.6

54	TA1G32F3	1	-	-	1	-	-	-	-	0.7	0.7	1	-0.6
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Combinazione T.A.2													
n°	Nome	Condizioni di carico											
		1+2	3	4	5	6	7	8	9	10	11	12	13
55	TA2G1A1	1	1	-	-	0.8	-	0.8	-	-	-	-	1
56	TA2G1B1	1	1	-	-	-	0.8	0.8	-	-	-	-	1
57	TA2G1C1	1	1	-	-	-	-	-	-	0.8	0.8	-	1
58	TA2G1D1	1	1	-	-	0.8	-	0.8	-	-	-	-	-1
59	TA2G1E1	1	1	-	-	-	0.8	0.8	-	-	-	-	-1
60	TA2G1F1	1	1	-	-	-	-	-	-	0.8	0.8	-	-1
61	TA2G1A2	1	-	1	-	0.8	-	0.8	-	-	-	-	1
62	TA2G1B2	1	-	1	-	-	0.8	0.8	-	-	-	-	1
63	TA2G1C2	1	-	1	-	-	-	-	-	0.8	0.8	-	1
64	TA2G1D2	1	-	1	-	0.8	-	0.8	-	-	-	-	-1
65	TA2G1E2	1	-	1	-	-	0.8	0.8	-	-	-	-	-1
66	TA2G1F2	1	-	1	-	-	-	-	-	0.8	0.8	-	-1
67	TA2G1A3	1	-	-	1	0.8	-	0.8	-	-	-	-	1
68	TA2G1B3	1	-	-	1	-	0.8	0.8	-	-	-	-	1
69	TA2G1C3	1	-	-	1	-	-	-	-	0.8	0.8	-	1
70	TA2G1D3	1	-	-	1	0.8	-	0.8	-	-	-	-	-1
71	TA2G1E3	1	-	-	1	-	0.8	0.8	-	-	-	-	-1
72	TA2G1F3	1	-	-	1	-	-	-	-	0.8	0.8	-	-1
73	TA2G31A1	1	1	-	-	0.8	-	0.8	0.8	-	-	-	1
74	TA2G31B1	1	1	-	-	-	0.8	0.8	0.8	-	-	-	1
75	TA2G31C1	1	1	-	-	-	-	-	-	0.8	0.8	0.8	1
76	TA2G31D1	1	1	-	-	0.8	-	0.8	0.8	-	-	-	-1
77	TA2G31E1	1	1	-	-	-	0.8	0.8	0.8	-	-	-	-1
78	TA2G31F1	1	1	-	-	-	-	-	-	0.8	0.8	0.8	-1
79	TA2G31A2	1	-	1	-	0.8	-	0.8	0.8	-	-	-	1
80	TA2G31B2	1	-	1	-	-	0.8	0.8	0.8	-	-	-	1
81	TA2G31C2	1	-	1	-	-	-	-	-	0.8	0.8	0.8	1
82	TA2G31D2	1	-	1	-	0.8	-	0.8	0.8	-	-	-	-1
83	TA2G31E2	1	-	1	-	-	0.8	0.8	0.8	-	-	-	-1
84	TA2G31F2	1	-	1	-	-	-	-	-	0.8	0.8	0.8	-1
85	TA2G31A3	1	-	-	1	0.8	-	0.8	0.8	-	-	-	1
86	TA2G31B3	1	-	-	1	-	0.8	0.8	0.8	-	-	-	1
87	TA2G31C3	1	-	-	1	-	-	-	-	0.8	0.8	0.8	1
88	TA2G31D3	1	-	-	1	0.8	-	0.8	0.8	-	-	-	-1
89	TA2G31E3	1	-	-	1	-	0.8	0.8	0.8	-	-	-	-1
90	TA2G31F3	1	-	-	1	-	-	-	-	0.8	0.8	0.8	-1
91	TA2G32A1	1	1	-	-	0.56	-	0.56	0.8	-	-	-	1
92	TA2G32B1	1	1	-	-	-	0.56	0.56	0.8	-	-	-	1
93	TA2G32C1	1	1	-	-	-	-	-	-	0.56	0.56	0.8	1
94	TA2G32D1	1	1	-	-	0.56	-	0.56	0.8	-	-	-	-1
95	TA2G32E1	1	1	-	-	-	0.56	0.56	0.8	-	-	-	-1
96	TA2G32F1	1	1	-	-	-	-	-	-	0.56	0.56	0.8	-1
97	TA2G32A2	1	-	1	-	0.56	-	0.56	0.8	-	-	-	1
98	TA2G32B2	1	-	1	-	-	0.56	0.56	0.8	-	-	-	1
99	TA2G32C2	1	-	1	-	-	-	-	-	0.56	0.56	0.8	1
100	TA2G32D2	1	-	1	-	0.56	-	0.56	0.8	-	-	-	-1
101	TA2G32E2	1	-	1	-	-	0.56	0.56	0.8	-	-	-	-1
102	TA2G32F2	1	-	1	-	-	-	-	-	0.56	0.56	0.8	-1

103	TA2G32A3	1	-	-	1	0.56	-	0.56	0.8	-	-	-	1
104	TA2G32B3	1	-	-	1	-	0.56	0.56	0.8	-	-	-	1
105	TA2G32C3	1	-	-	1	-	-	-	-	0.56	0.56	0.8	1
106	TA2G32D3	1	-	-	1	0.56	-	0.56	0.8	-	-	-	-1
107	TA2G32E3	1	-	-	1	-	0.56	0.56	0.8	-	-	-	-1
108	TA2G32F3	1	-	-	1	-	-	-	-	0.56	0.56	0.8	-1

Combinazione T.A.3													
n°	Nome	Condizioni di carico											
		1+2	3	4	5	6	7	8	9	10	11	12	13
109	TA3SCAR1	1	1	-	-	-	-	-	-	-	-	-	0.6
110	TA3SCAR2	1	1	-	-	-	-	-	-	-	-	-	-0.6
111	TA3SCAR3	1	-	1	-	-	-	-	-	-	-	-	0.6
112	TA3SCAR4	1	-	1	-	-	-	-	-	-	-	-	-0.6
113	TA3SCAR5	1	-	-	1	-	-	-	-	-	-	-	0.6
114	TA3SCAR6	1	-	-	1	-	-	-	-	-	-	-	-0.6

Combinazione T.A.5													
n°	Nome	Condizioni di carico											
		1+2	3	4	5	6	7	8	9	10	11	12	13
115	TA5G61A1	1	1	-	-	0.8	-	0.8	0.8	-	-	-	0.6
116	TA5G61B1	1	1	-	-	-	0.8	0.8	0.8	-	-	-	0.6
117	TA5G61C1	1	1	-	-	-	-	-	-	0.8	0.8	0.8	0.6
118	TA5G61D1	1	1	-	-	0.8	-	0.8	0.8	-	-	-	-0.6
119	TA5G61E1	1	1	-	-	-	0.8	0.8	0.8	-	-	-	-0.6
120	TA5G61F1	1	1	-	-	-	-	-	-	0.8	0.8	0.8	-0.6
121	TA5G61A2	1	-	1	-	0.8	-	0.8	0.8	-	-	-	0.6
122	TA5G61B2	1	-	1	-	-	0.8	0.8	0.8	-	-	-	0.6
123	TA5G61C2	1	-	1	-	-	-	-	-	0.8	0.8	0.8	0.6
124	TA5G61D2	1	-	1	-	0.8	-	0.8	0.8	-	-	-	-0.6
125	TA5G61E2	1	-	1	-	-	0.8	0.8	0.8	-	-	-	-0.6
126	TA5G61F2	1	-	1	-	-	-	-	-	0.8	0.8	0.8	-0.6
127	TA5G61A3	1	-	-	1	0.8	-	0.8	0.8	-	-	-	0.6
128	TA5G61B3	1	-	-	1	-	0.8	0.8	0.8	-	-	-	0.6
129	TA5G61C3	1	-	-	1	-	-	-	-	0.8	0.8	0.8	0.6
130	TA5G61D3	1	-	-	1	0.8	-	0.8	0.8	-	-	-	-0.6
131	TA5G61E3	1	-	-	1	-	0.8	0.8	0.8	-	-	-	-0.6
132	TA5G61F3	1	-	-	1	-	-	-	-	0.8	0.8	0.8	-0.6

Sisma							
n°	Nome	Condizioni di carico					
		1+2	3	14			
				Spinta sismica	Inerzia pos.*	Inerzia neg.*	Treno sismico
133	TASISMAP	1	1	1	1	-	1
134	TASISMAN	1	1	1	-	1	1

* Inerzia pos e inerzia neg sono date dalla radice della somma dei quadrati delle componenti di inerzia orizzontale e verticale ($\alpha = (\alpha_h^2 + \alpha_v^2)^{1/2}$), con la componente verticale rivolta rispettivamente verso l'alto e verso il basso.

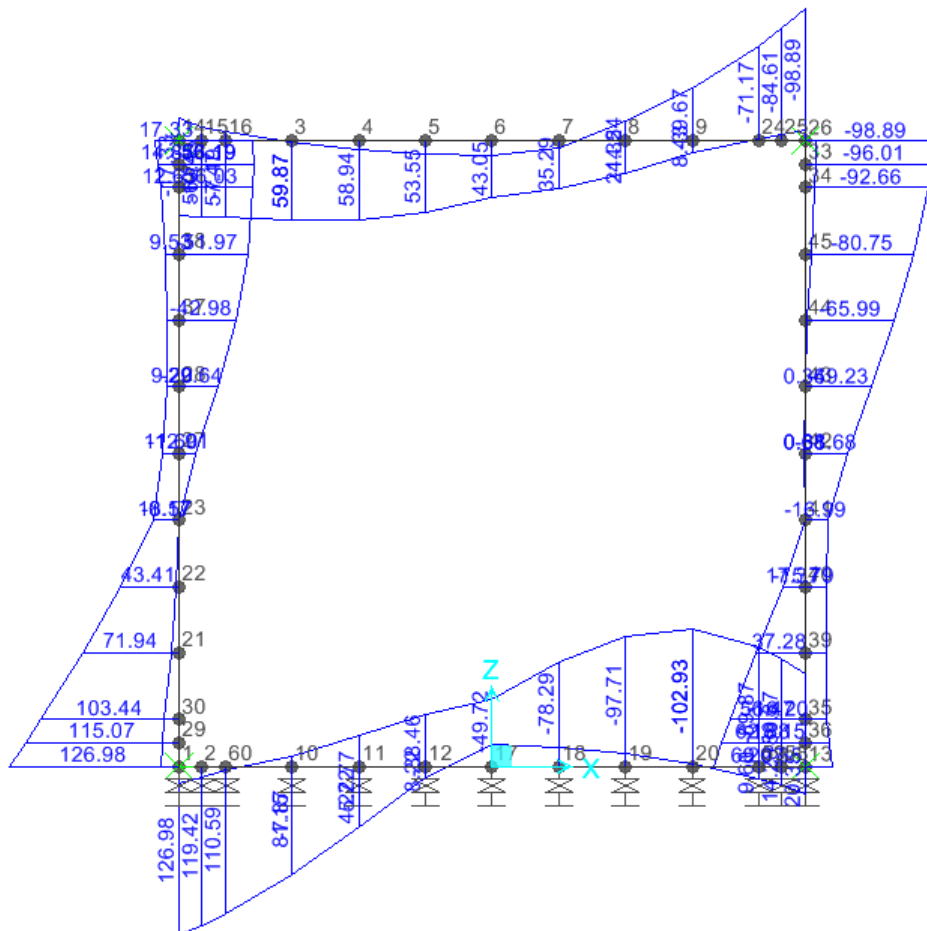
<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 
	<p>IG51-02-E-CV-CL-R113-03-001_A00 Relazione di calcolo</p> <p>Foglio 35 di 191</p>

Nelle colonne 'Nome' è indicato il nome con cui sono stati chiamati i gruppi e le condizioni di carico nel modello di calcolo in modo da poterli distinguere nei tabulati.

7.6. Diagrammi di involuppo

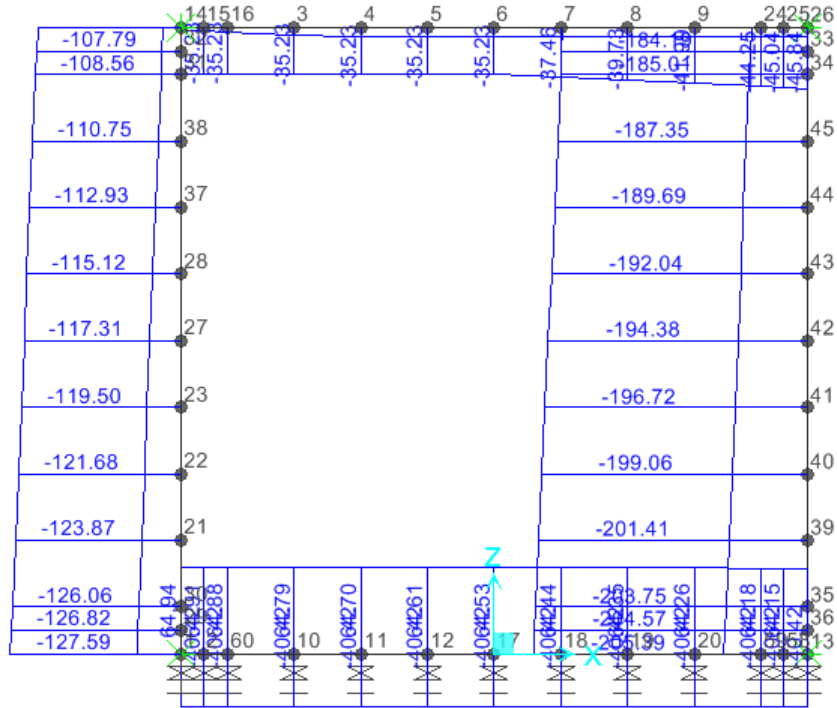
Di seguito si riportano i diagrammi delle sollecitazioni flettenti, taglianti e flessionali agenti sulla struttura nella condizione di involuppo delle combinazioni TA:

Momento flettente:



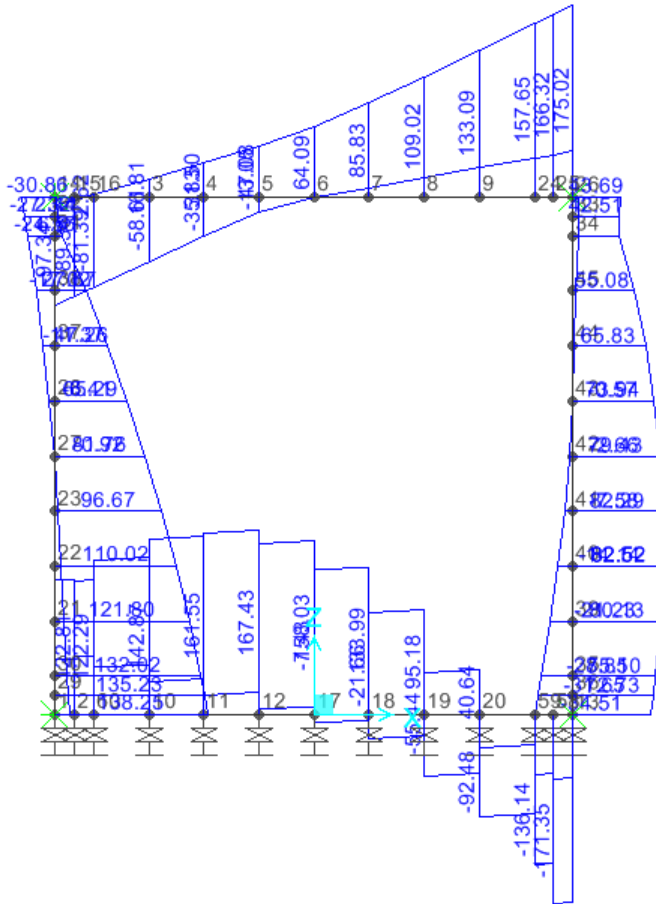


Azione assiale:



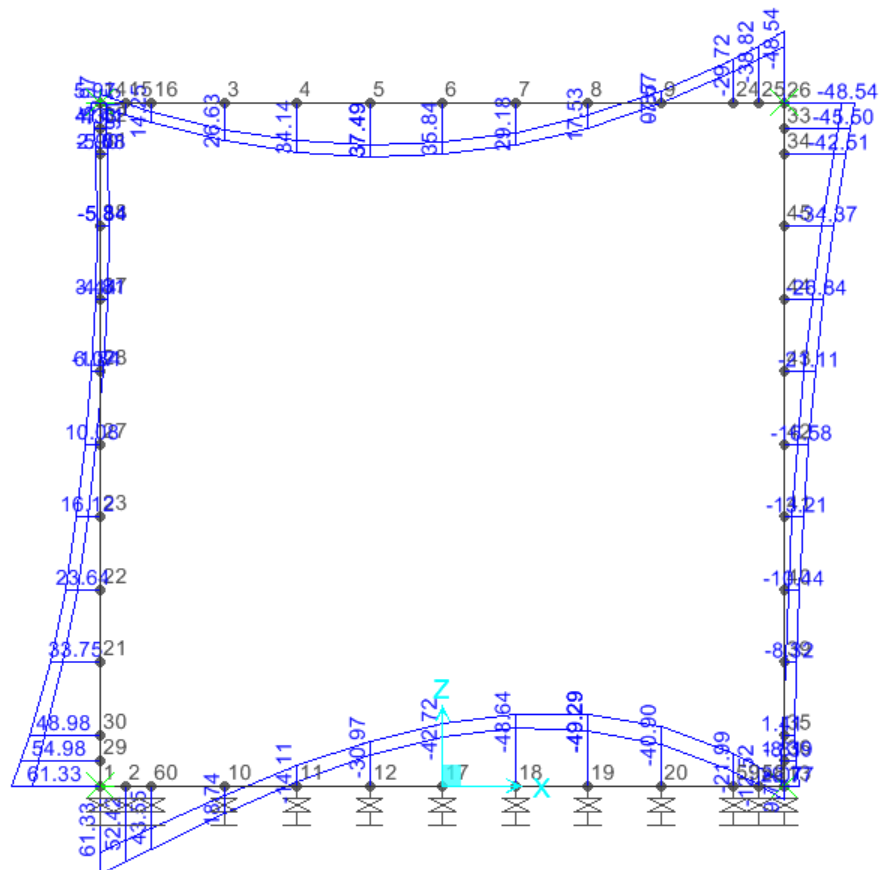


Azione tagliante:

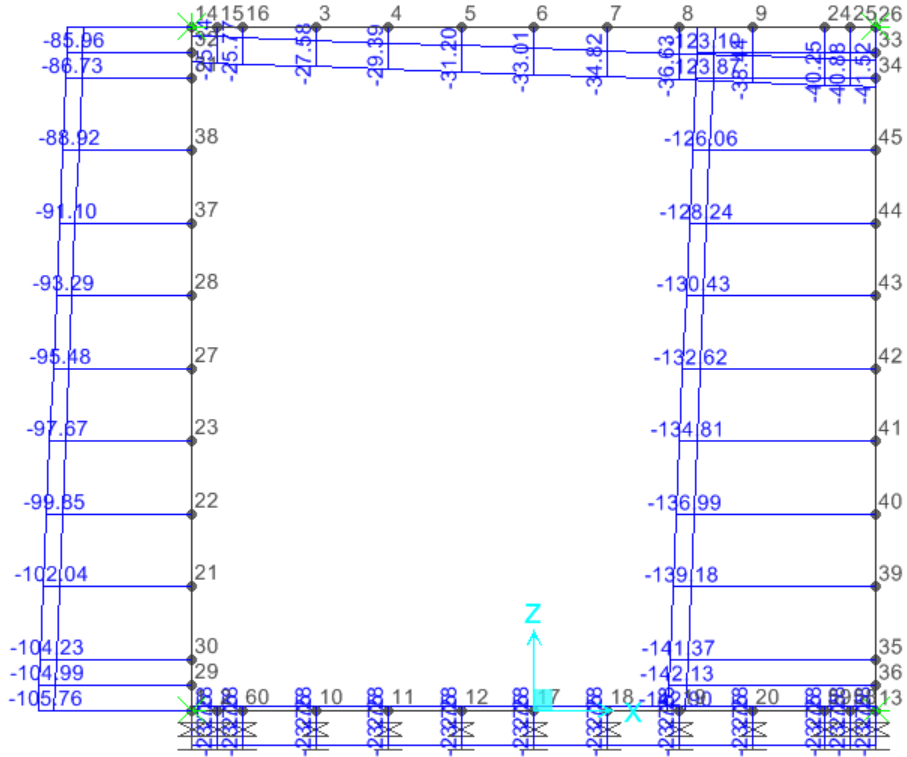


Di seguito si riportano i diagrammi delle sollecitazioni flettenti e flessionali agenti sulla struttura nella condizione di inviluppo delle combinazioni TA5:

Momento flettente:



Azione assiale:

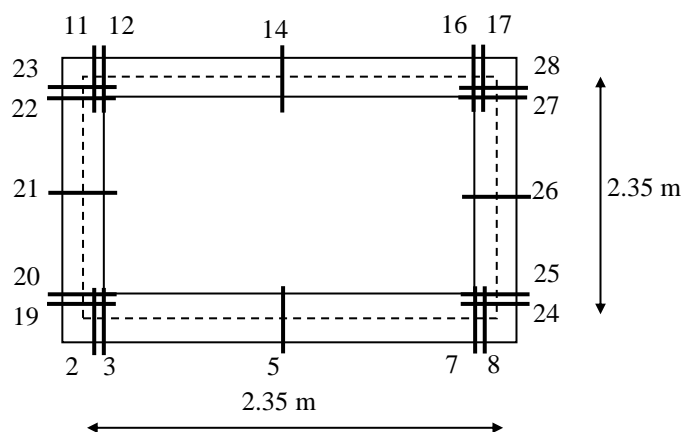


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8. VERIFICHE

Si forniscono nel seguito le verifiche alle tensioni ammissibili ed alla fessurazione nelle sezioni principali di ciascun elemento strutturale (platea, montanti e soletta).

Il momento flettente si verifica, oltre che nelle sezioni di mezzeria, anche nelle sezioni a metà tra asse piedritto e sezione d'attacco piedritto – soletta, nel caso delle verifiche della soletta, e in quelle a metà tra asse soletta e sezione d'attacco soletta – piedritto, per le verifiche del piedritto. Il taglio si verifica nelle sezioni d'attacco degli elementi.



Nelle solette superiore e inferiore, il copriferro netto delle armature trasversali è di 60 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura longitudinale costituita da $\phi 12$ e il diametro degli spilli costituiti da $\phi 8$), nei piedritti, il copriferro netto delle armature verticali è di 60 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura longitudinale costituita da $\phi 12$ e il diametro degli spilli costituita da $\phi 8$).

Per la disposizione delle armature si rimanda agli elaborati specifici, nelle tabelle di verifica sono riportate le armature compresse e tese per ciascun nodo in cui è stata condotta la verifica.

La soletta di copertura è così armata:

- all'incastro con il piedritto con un'armatura al lembo superiore e al lembo inferiore costituita da $\phi 20/20$;
- in mezzeria con un'armatura al lembo inferiore e al lembo superiore costituita da $\phi 24/20$.

La soletta di fondazione è così armata:

- all'incastro con il piedritto con un'armatura al lembo inferiore e al lembo superiore costituita da $\phi 24/20$;
- in mezzeria con un'armatura al lembo superiore e al lembo inferiore costituita da $\phi 24/20$.

I piedritti sono armati per tutto il loro sviluppo con un'armatura al lembo esterno costituita da $\phi 24/20$ e al lembo interno costituita da $\phi 24/20$.

8.1. Verifiche alle tensioni ammissibili

	Sez.	M (kNm)	N (kN)	A _s (mm ²)	A' _s (mm ²)	X (mm)	σ _c (N/mm ²)	σ _s (N/mm ²)
Soletta inferiore sp. 35 cm	2	119.42	-	φ24/20	φ24/20	100.5	-8.37	221.5
	5	-102.93	-8	φ24/20	φ24/20	100.5	-7.21	191.0
Soletta superiore sp. 35 cm	14	59.87	-	φ20/20	φ20/20	89.7	-4.87	155.0
	17	-84.61	-	φ20/20	φ20/20	89.7	-6.88	219.0
Piedritto sinistro sp. 35 cm	19	115.07	-126.82	φ24/20	φ24/20	110.5	-8.13	185.0
	23	-56.19	-107.79	φ24/20	φ24/20	118.6	-3.98	80.3
Piedritto destro sp. 35 cm	24	62.87	-204.57	φ24/20	φ24/20	133.7	-4.46	72.2
	28	-96.01	-184.19	φ24/20	φ24/20	118.6	-6.81	137.2

A_s : armatura tesa

A'_s : armatura compressa

X : posizione asse neutro da lembo compresso

Nelle verifiche delle solette si è trascurata l'azione assiale di compressione.

	Tmax (kN)	b (mm)	d (mm)	τ (N/mm ²)	
Soletta inferiore	167.43	1000	290	0.64	> τ _{co} = 0.73 N/mm ²
Soletta superiore	157.65	1000	290	0.60	< τ _{co} = 0.73 N/mm ²
Piedritti	132.02	1000	290	0.51	< τ _{co} = 0.73 N/mm ²

Nelle solette la tensione tangenziale è sempre inferiore alla τ_{co}, non è necessario disporre un'apposita armatura a taglio.

Nei piedritti la tensione tangenziale è sempre inferiore alla τ_{co}, non è necessario disporre un'apposita armatura a taglio, si dispongono spilli φ8 disposti a maglia 40x40 cm.

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8.2. Verifiche a fessurazione

Le verifiche a fessurazione vengono condotte per la condizione di carico TA5. Dovrà risultare:

- a contatto con il terreno $w_k \leq 0.15 \text{ mm}$;
- non a contatto con il terreno $w_k \leq 0.2 \text{ mm}$.

Il prospetto seguente riassume i risultati delle verifiche.

	Sez.	M (kNm)	N (kN)	A_s (mm ²)	A'_s (mm ²)	w (mm)	w_k (mm)
Soletta inferiore	3	43.55	-	∅24/20	∅24/20	-	0.15
	5	-49.29	-	∅24/20	∅24/20	-	0.20
Soletta superiore	14	37.49	-	∅20/20	∅20/20	-	0.20
	16	-29.72	-	∅20/20	∅20/20	-	0.15
Piedritti	20	48.98	-104.23	∅24/20	∅24/20	-	0.15
	27	-42.51	-123.87	∅24/20	∅24/20	-	0.15

Nelle verifiche delle solette si è trascurata l'azione assiale di compressione.

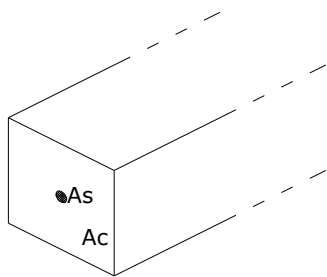
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9. VERIFICA EFFETTI LONGITUDINALI DA RITIRO

Vengono discussi brevemente gli effetti dovuti al ritiro nel calcestruzzo che provocano stati interni di coazione con l'armatura. Scopo della trattazione è quello di verificare l'armatura minima longitudinale dello scatolare.

9.1. Coazioni interne dovute ai fenomeni di ritiro

Per il calcolo delle coazioni interne dovute ai fenomeni di ritiro si consideri una sezione di area unitaria A_c con un'unica barra di armatura di area A_s come rappresentato nell'immagine sottostante:



Si assumono le seguenti ipotesi:

perfetta aderenza tra calcestruzzo ed acciaio;

deformata piana della sezione in calcestruzzo;

comportamento del calcestruzzo e dell'acciaio elastico e lineare,

Le equazioni di equilibrio, congruenza e legame dell'insieme calcestruzzo + acciaio che governano il fenomeno sono:

$$N_c + N_s = 0 \quad (\text{equazione di equilibrio})$$

$$\varepsilon_r = \varepsilon_s - \varepsilon_c \quad (\text{equazione di congruenza})$$

$$N_c = A_c \sigma_c = A_c E_c \varepsilon_c \quad (\text{equazione legame costitutivo del calcestruzzo})$$

$$N_s = A_s \sigma_s = A_s E_s \varepsilon_s \quad (\text{equazione legame costitutivo dell'acciaio})$$

Sostituendo le equazioni di legame in quella di equilibrio ed esprimendo la deformazione del calcestruzzo in funzione di quella dell'acciaio si ha:

$$N_s = -N_c = A_s E_s A_c E_c \varepsilon_r / (A_s E_s + A_c E_c)$$

Il comportamento viscoso del calcestruzzo viene considerato attraverso l'abbattimento del modulo elastico, pertanto è necessario sostituire il valore di E_c con E_c^* . La tensione sull'acciaio e sul calcestruzzo risultano quindi pari a:

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$$\sigma_s = A_c E_c^* E_s \varepsilon_r / (A_s E_s + A_c E_c^*)$$

$$\sigma_c = -A_s E_c^* E_s \varepsilon_r / (A_s E_s + A_c E_c^*)$$

9.2. Calcolo delle sollecitazioni longitudinali dovute ai fenomeni di ritiro

L'analisi delle sollecitazioni viene svolta per una striscia di larghezza unitaria, assumendo la dimensione convenzionale h_0 pari a $2 \times A/u = 2 \times H$, ed un calcestruzzo C32/40.

Fondazione, soletta e piedritti:

Caratteristiche della sezione:

$$B = 100 \text{ cm}$$

$$H = 35 \text{ cm}$$

$$A_{s,long} = 1+1\phi 12/20 = 1130 \text{ mm}^2$$

$$E_s = 210000 \text{ N/mm}^2$$

$$E_c = 33643 \text{ N/mm}^2$$

Deformazione da ritiro:

$$U.R. = 75\%$$

$$\varepsilon_r = \varepsilon_{ca} + \varepsilon_{cd} = 0.35 \text{ ‰}$$

A favore di sicurezza, si assume una deformazione $\varepsilon_r = 0.35 \text{ ‰}$.

Effetto viscosità:

Il modulo viscoso a tempo infinito, in considerazione del valore di h_0 , della resistenza del calcestruzzo e della U.R., può cautelativamente essere assunto pari a $\phi (t = \infty) = 1.6$. Il modulo elastico ridotto del calcestruzzo risulta quindi pari a:

$$E_c^* = E_c / (1 + \phi) = 12940 \text{ N/mm}^2$$

Tensioni nei materiali:

$$\sigma_s = -(1000 \times 350) \times 12940 \times 210000 \times 0.00035 / (1130 \times 210000 + 1000 \times 350 \times 12940) = -66.67 \text{ N/mm}^2$$

$$\sigma_c = 1130 \times 12940 \times 210000 \times 0.00035 / (1130 \times 210000 + 1000 \times 350 \times 12940) = 0.22 \text{ N/mm}^2$$

La sollecitazione sul calcestruzzo risulta molto inferiore rispetto alla resistenza a trazione e quindi non porta a fessurazione il calcestruzzo; la sollecitazione sull'acciaio risulta modesta ed accettabile per le normali condizioni di esercizio della struttura.

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10. VERIFICA TUBO $\Phi 1500$

10.1. Metodo di calcolo

Il principio di calcolo utilizzato è quello dei carichi ovalizzanti che prende in esame i carichi dovuti al rinterro ed ai sovraccarichi esterni agenti sui tubi interrati rigidi per tubi senza pressione interna. Per la determinazione delle azioni sono state consultate le normative tecniche indicate in precedenza, le norme DIN specifiche e relative circolari. Note le azioni sollecitanti è determinata la classe di resistenza minima che il tubo deve possedere.

10.2. Determinazione del carico di schiacciamento

Per la determinazione del carico di schiacciamento si ipotizza che la tubazione sia nelle medesime condizioni di quelle in cui si trova quando viene sottoposta alla prova di schiacciamento standard in laboratorio, nella quale, mediante programma automatico di calcolo, viene determinato il carico di schiacciamento teorico per m di condotta. Si considera quindi che il tubo appoggi su due traversi di legno posti a distanza di $1/3 D_n$ e che sia soggetto ad una forza verticale in chiave, ripartita su un tratto di 10 cm rappresentante l'ala del profilato di ripartizione su cui poggia il martinetto, che cresce fino ad arrivare allo schiacciamento. Da un punto di vista teorico lo studio si può schematizzare come un telaio chiuso e soggetto ad una forza concentrata in chiave ed al peso proprio.

Nelle tre sezioni fondamentali, chiave reni e base, vengono calcolate le sollecitazioni agenti, lo schema di equilibrio finale della sezione interna che viene considerato è quello della sezione tesa e uniforme per tutto lo spessore, equilibrata da una forza di compressione concentrata al lembo compresso.

Durante la prova di schiacciamento il tubo è in condizioni del tutto diverse da quelle di esercizio. Nelle prove sperimentali la tubazione è soggetta ad un carico concentrato ed è vincolata inferiormente su due appoggi, mentre in esercizio la tubazione è appoggia invece su una lunghezza di ampiezza prefissata ed il carico verticale si può ritenere uniforme. Pertanto si dovrà tener conto di un opportuno coefficiente denominato "Coefficiente di posa". La relazione di passaggio è:

$$P = K \cdot P_{sch}$$

Dove:

- K è il coefficiente di posa;
- P_{sch} è il carico teorico di schiacciamento;
- P è il carico di schiacciamento da confrontare con il carico totale agente in esercizio sulla tubazione.

Il coefficiente di posa è funzione del tipo di posa che viene effettuata; nei calcoli condotti nel seguito viene riportato il valore del coefficiente per il tipo di posa prescelto.

10.3. Calcolo della classe di resistenza

Con riferimento con quanto indicato nella letteratura tecnica si ricavano i carichi ovalizzanti ($Q_{OV,S}$) per ciascuna condizione di carico; tali carichi si amplificano per il coefficiente di combinazione γ (assunto cautelativamente pari a 1,5) e si dividono per il coefficiente di posa. Operando in questo modo si ricava la classe di resistenza minima necessaria per il tubo in questione ($Q_{R,D}$).

La tubazione verrà posata in trincea di larghezza alla base pari a circa 2.0 m con altezza del rinterro sopra la generatrice superiore è pari a circa 7.60 m per il primo tratto e circa 10.0 m per il secondo.

La tubazione è rigida, per cui il carico ovalizzante complessivo è dato dalla somma di:

- carico dovuto al rinterro;
- carico dovuto al sovraccarico mobile;
- carico dovuto alla massa dell'acqua contenuta nel tubo.

Nella seguente tabella sono riassunti i dati geometrici del problema:

D	1.84	m
s	0.17	m
d	1.50	m
H	7.60-10.00	m
B	5.80	m

10.3.1. Carico dovuto al rinterro

Nella determinazione del carico permanente che sollecita una condotta interrata un ruolo importante è riservato all'azione del rinterro.

Secondo quanto definito dalla norma UNI 7517 si hanno due casistiche in relazione alla dimensione della trincea di posa che può essere definita stretta al verificarsi di una delle seguenti condizioni:

$$B \leq 2D \quad H \geq 1.5B \quad (1^{\text{a}} \text{ condizione})$$

$$2D \leq B \leq 3D \quad H \geq 3.5B \quad (2^{\text{a}} \text{ condizione})$$

Al contrario il tubo è posato in trincea larga quando le relazioni tra B, H e D differiscono da quelle sopra riportate.

Il significato dei simboli è visualizzato nella figura seguente.

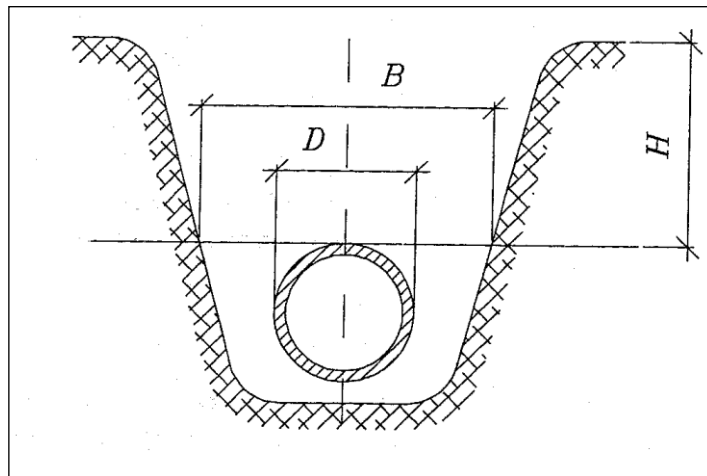


Figura 10 - Sezione tipo di posa

Nella caso di posa in **trincea stretta** il peso del rinterro Q_{ST} gravante sul cielo della tubazione è diminuito, rispetto a quello corrispondente al suo volume, per l'azione che l'attrito svolge nel contatto tra il terreno indisturbato e il rinterro.

Tale contributo è computato tramite il coefficiente di carico in trincea stretta:

$$C_t = \frac{1 - e^{-2 \cdot k \cdot \left(\frac{H}{B} \right) \cdot \gamma_t \cdot \rho'}}{2 \cdot k \cdot \gamma_t \cdot \rho'}$$

dove: ρ angolo di attrito interno del terreno;

ρ' angolo di attrito rinterro – terreno naturale;

k coefficiente di spinta attiva del rinfianco pari a $\text{tg}^2(45^\circ - \rho/2)$;

In definitiva, il carico alla quota della generatrice superiore della condotta, espresso in kN/m è:

$$Q_{ST} = C_t \cdot \gamma_t \cdot B^2$$

dove: γ_t peso specifico del terreno in kN/m³.

Una **trincea** si considera **larga** quando non è soddisfatta nessuna delle condizioni precedenti. In essa viene meno la collaborazione attrattiva delle pareti della trincea, che sono notevolmente distanti dal prisma di terreno direttamente gravante sul cielo della tubazione. Per semplicità, in virtù di tale osservazione si considera come carico da rinterro la quantità derivante dalla seguente relazione:

$$Q_{LT} = C_e \cdot \gamma_t \cdot D^2$$

dove il coefficiente di posa in trincea larga assume le seguenti espressioni:

$$C_e = 0.1 + 0.85 \cdot \left(\frac{H}{D} \right) + 0.33 \cdot \left(\frac{H}{D} \right)^2 \quad \text{per} \quad H/D \leq 2.66$$

$$C_e = 0.1 + 1.68 \cdot \left(\frac{H}{D} \right) \quad \text{per} \quad H/D > 2.66$$

Non essendo verificate entrambe le due condizioni $B < 2D$ e $H > 1.5D$ la posa è in trincea larga e quindi il carico verticale dovuto al rinterro è riassunto nella seguente tabella:

H=7.60 m	Trincea larga	
H/D	4.13	
C_e	7.04	
γ_t	20	kN/m ³
Q_{LT}	476.6	kN/m

H=10.00 m	Trincea larga	
H/D	5.43	
C_e	9.23	
γ_t	20	kN/m ³
Q_{LT}	625.0	kN/m

10.3.2. Carico dovuto ai sovraccarichi mobili

L'espressione del carico mobile concentrato in corrispondenza della generatrice superiore del tubo è la seguente:

$$P_{vc} = p_v \cdot D = 10 \cdot D = 18.4 \text{ kN/m}$$

Per il carico dovuto ai sovraccarichi mobili si considera un carico uniformemente distribuito di 10 kN/m².

10.3.3. Carico dovuto alla massa dell'acqua contenuta nel tubo

Il carico verticale sulla generatrice superiore del tubo, dovuto alla massa dell'acqua contenuta nel tubo riempito per tre quarti è dato dalla relazione seguente.

$$P_a = 5.788 \cdot d$$

dove d è il diametro interno del tubo in metri e il carico è espresso in kN/m.

$$P_a = 13.0 \text{ kN/m}$$

10.3.4. Risultante dei carichi ovalizzanti

La risultante dei carichi ovalizzanti risulta pari a:

$$H = 7.60 \text{ m} \quad Q_{OV,S} = Q_{LT} + P_{vc} + P_a = 508 \text{ kN/m}$$

$$H = 10.00 \text{ m} \quad Q_{OV,S} = Q_{LT} + P_{vc} + P_a = 656 \text{ kN/m}$$

Il coefficiente di posa, data la protezione in calcestruzzo prevista, si assume $K=1.5$, sulla base degli schemi seguenti.









TABELLA TIPI DI POSA IN OPERA			Ez
1		Posa diretta sul terreno con nicchie per i bicchieri	1,1
2		Posa a 90° con nicchie per i bicchieri	1,5
3		Tubo con piede su terreno livellato	1,5
4		Posa su letto di sabbia costipata a 90° con nicchie per i bicchieri	1,5
5		Posa a 90° su selle prefabbricate in calcestruzzo $b > de$ $a = 5 \text{ cm} + 1/10 \text{ DN}$ minimo 10 cm	1,8
6		Posa a 120° su selle prefabbricate in calcestruzzo $b > de$ $a = 5 \text{ cm} + 1/10 \text{ DN}$ minimo 10 cm	2,0
7		Posa su letto di calcestruzzo costipato sino alle reni	2,0
8		Rinfiacco in calcestruzzo fin sopra le reni $a = 1/4 \text{ DN}$ minimo 10 cm	3-4

Figura 11 – Tabella tipi di posa in opera tubazione

10.3.5. Definizione classe di resistenza

Dal momento che la canalizzazione ha un comportamento rigido si verifica che l'azione sollecitante (si assume il coefficiente parziale γ pari a 1,5) sia superiore all'azione resistente:

$$Q_{R,D} \geq \gamma \cdot Q_{OV,S} / K$$

$$H = 7.60 \text{ m} \quad \gamma \cdot Q_{OV,S} / K = 1.5 \cdot 508 / 1.5 = 508 \text{ kN/m}$$

$$H = 10.0 \text{ m} \quad \gamma \cdot Q_{OV,S} / K = 1.5 \cdot 656 / 1.5 = 656 \text{ kN/m}$$

Essendo il diametro del tubo pari a 1.5 m la classe di resistenza del tubo deve essere superiore a:

$$\text{per } H = 7.60 \text{ m} \quad C = 508 / 1.5 = 339 \text{ kN/m}^2.$$

$$\text{per } H = 10.0 \text{ m} \quad C = 656 / 1.5 = 438 \text{ kN/m}^2.$$

11. VERIFICA POZZETTO 1

Il primo pozzetto di salto, in corrispondenza del tombino esistente, ha in pianta forma rettangolare di dimensioni nette interne 4.0x3.0 m e altezza massima di 3.75 m, le pareti e le solette hanno spessore di 0.40 m. Il manufatto che una un ricoprimento di circa 5.1 m ha un torrino di accesso di dimensioni 1.60x0.80 m e altezza 5.0 m, le pareti hanno spessore di 0.30 m.

11.1. Soletta di copertura

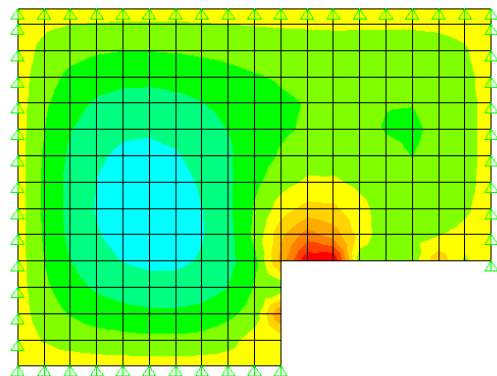
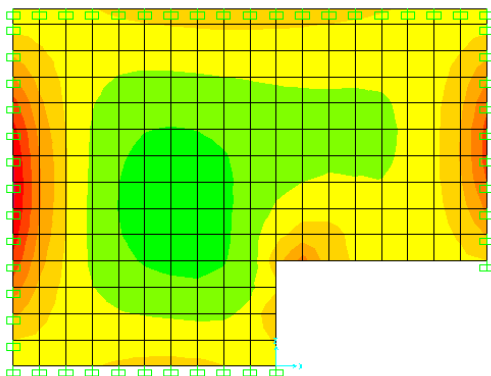
La soletta di copertura di spessore 0.4 m e dimensioni 4.0x3.0 m (dimensioni nette interne) ha un ricoprimento di circa 5.1 m, i carichi agenti sono:

- Peso proprio $p_p = 25 \cdot 0.4 = 10 \text{ kN/m}^2$
- Carico permanente $p = 20 \cdot 5.1 = 102 \text{ kN/m}^2$
- Accidentale $q = 10 \text{ kN/m}^2$

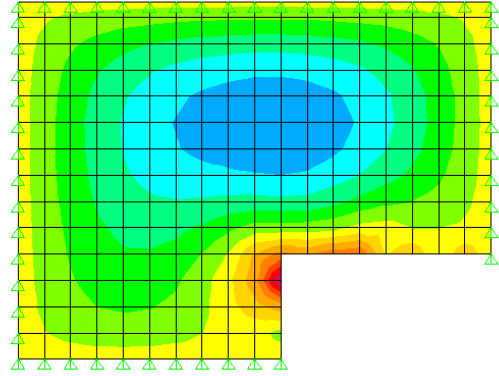
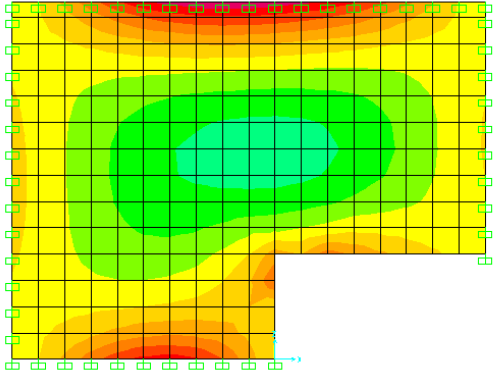
Per la soletta si è considerato un comportamento a piastra, l'analisi è stata condotta con un modello agli elementi finiti tipo "shell", ipotizzando sui bordi sia un vincolo di incastro, sia un vincolo di appoggio.

Per la combinazione di carico che prevede la presenza di tutte le condizioni di carico sopra indicate (con coefficiente 1.0) si hanno le seguenti sollecitazioni nell'elemento.

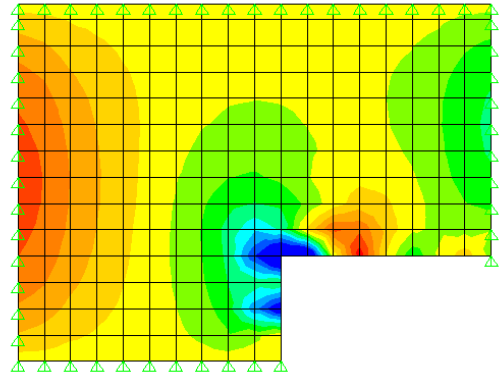
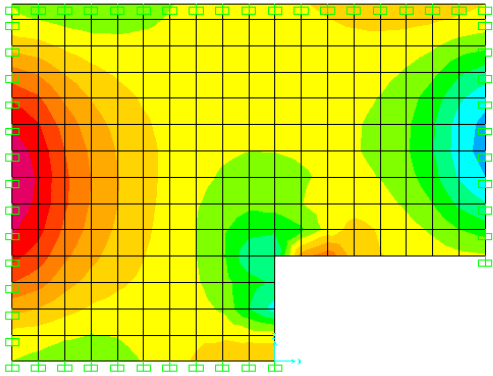
Momento flettente M11



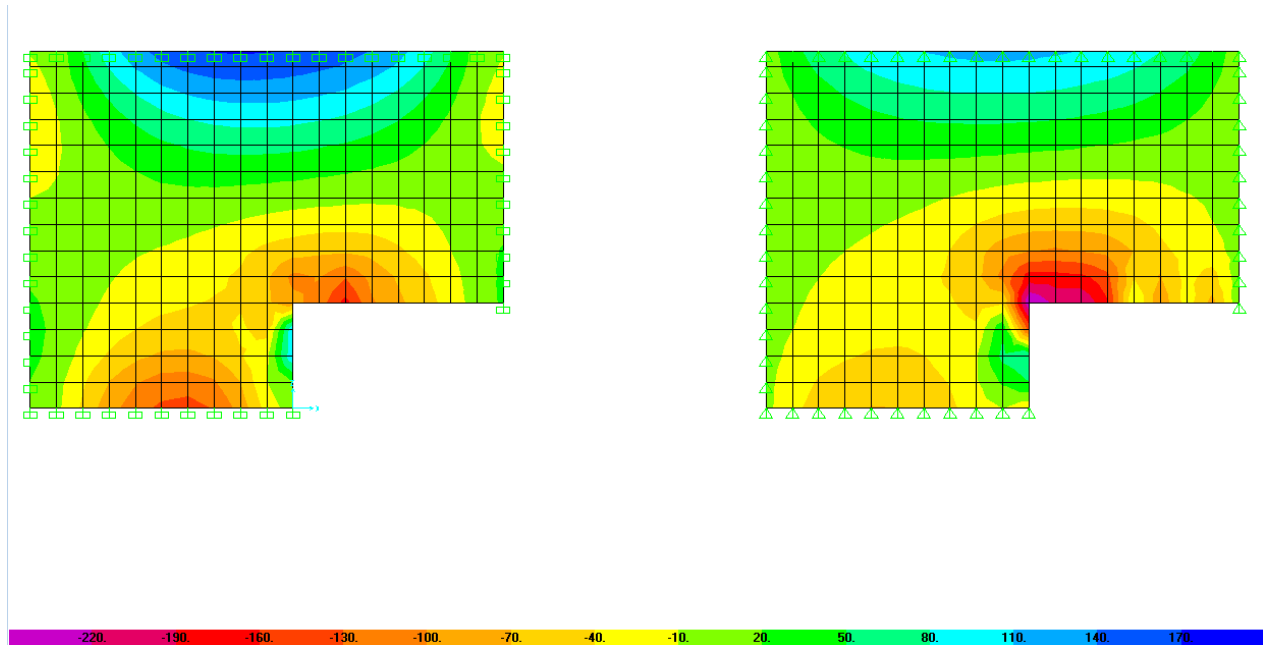
Momento flettente M22



Azione tagliante V13



Azione tagliante V23



Le sollecitazioni massime sono:

$$M_{11} = 71.0 \text{ kNm/m}$$

$$M_{22} = 82.0 \text{ kNm/m}$$

$$V_{\max} = 220 \text{ kN/m}$$

L'armatura della soletta è costituita da $\phi 20/20$ al lembo inferiore e superiore, in entrambe le direzioni. Nella soletta il copriferro netto delle armature trasversali è di 56 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura nell'altra direzione costituita da $\phi 16$).

Momento massimo	M =	82.00	kNm
Taglio massimo	T =	220.00	kN
Verifiche di resistenza			
Asse neutro (da lembo compresso)	x =	9.80	cm
Momento di inerzia sezione parzializzata	J =	165016	cm ⁴
tensione cls	$\sigma_c =$	4.87	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-175.9	MPa
tensione acciaio layer 2	$\sigma_{s2} =$		MPa
Verifica a fessurazione			

tensione cls per fessurazione	$\sigma_c =$	4.87	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	175.9	MPa
momento di prima fessurazione	$M_{fck} =$	83.76	kNm
momento di apertura fessure	$M_{fctm} =$	99.72	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	213.9	MPa
		$M_{cr} > M$	mm

Verifica a taglio

massimo sforzo di taglio	$\tau_{max} =$	0.71	MPa
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La sezione non si fessura nemmeno sotto i massimi carichi di esercizio, pertanto anche la verifica a fessurazione è automaticamente soddisfatta. Il massimo sforzo tagliante è inferiore a τ_{c0} , per cui non si rende necessaria un'apposita armatura a taglio.

11.2. Pareti

La parete maggiormente sollecitata è quella posta in corrispondenza della massima altezza (4.1 m in asse soletta) e larghezza (4.50 m in asse piedritti) del manufatto.

I carichi agenti sulla parete posta a circa 5.1 m di profondità per il ritombamento sono:

- Spinta delle terre: $\sigma_1 = 20 \cdot 5.1 \cdot K_0 = 51 \text{ kN/m}^2$
 $\sigma_2 = 20 \cdot (5.1 + 4.1) \cdot K_0 = 92 \text{ kN/m}^2$

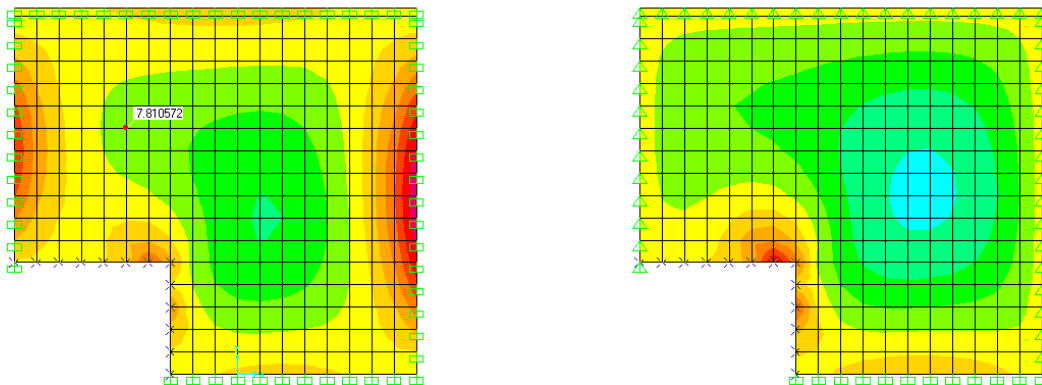
Si è assunto un angolo di attrito $\phi = 30^\circ$ per il terreno di ritombamento.

- Spinta del carico accidentale di 10 kN/m^2 $q = 10 \cdot 0.5 = 5 \text{ kN/m}^2$

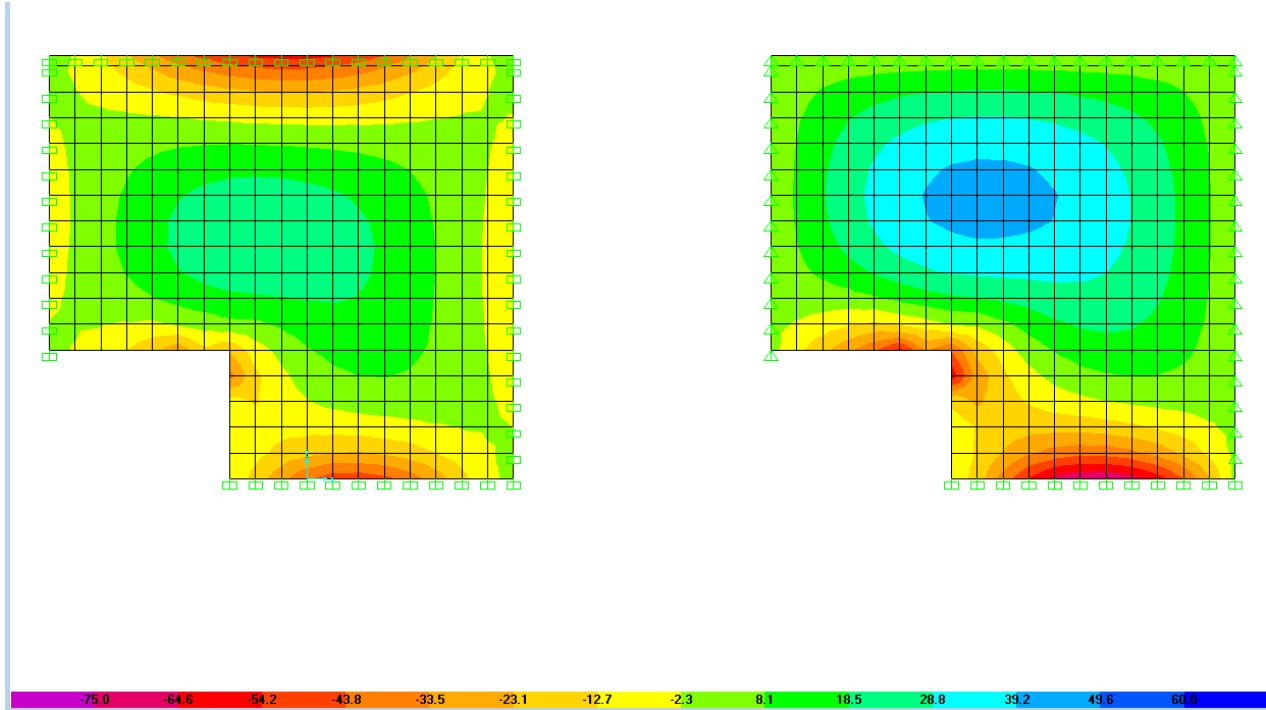
L'analisi è stata condotta con un modello agli elementi finiti tipo "shell", ipotizzando sui bordi sia un vincolo di incastro, sia un vincolo di appoggio.

Per la combinazione di carico che prevede la presenza di tutte le condizioni di carico sopra indicate (con coefficiente 1.0) si hanno le seguenti sollecitazioni nell'elemento.

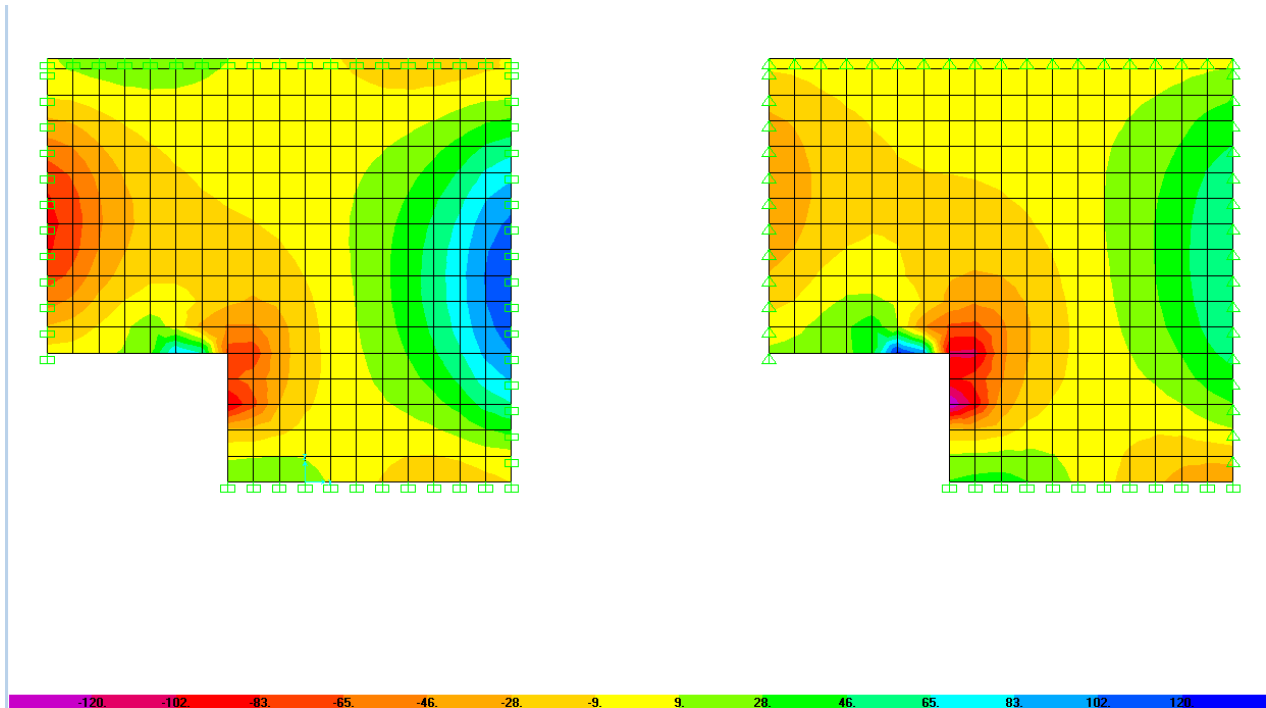
Momento flettente M11



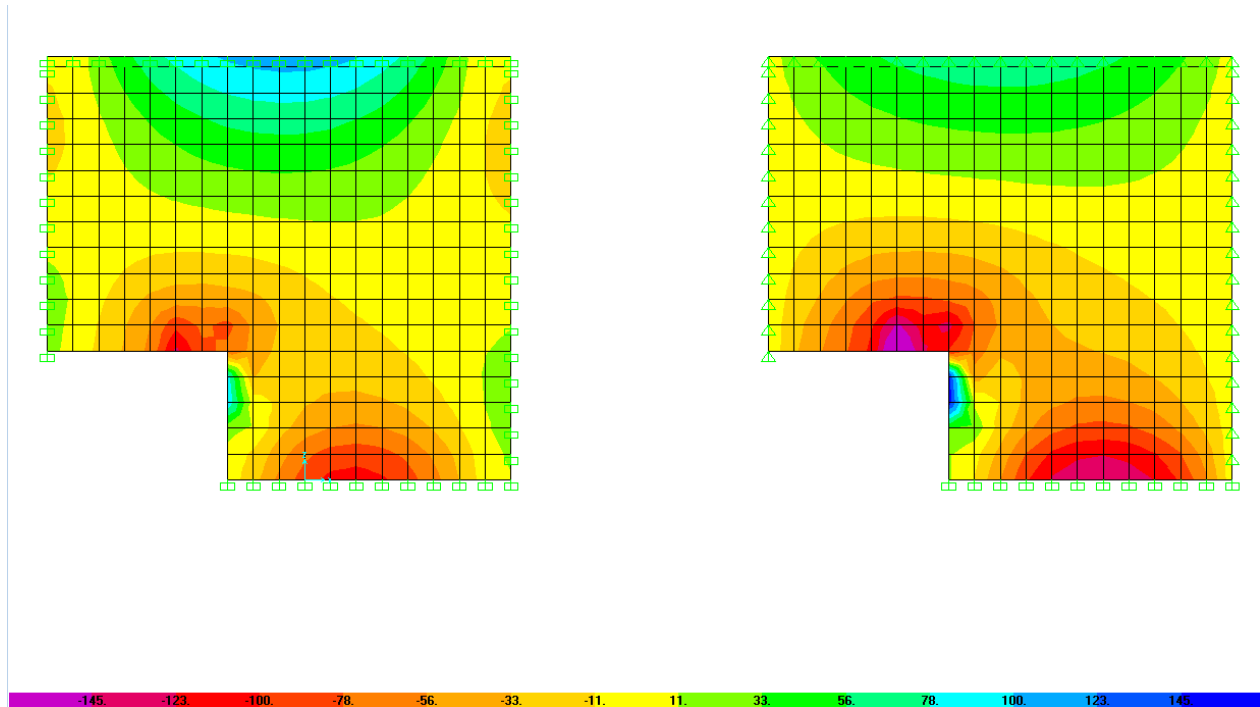
Momento flettente M22



Azione tagliante V13



Azione tagliante V23



Le sollecitazioni massime sono:

$$M_{11} = 60.0 \text{ kNm/m}$$

$$M_{22} = 75.0 \text{ kNm/m}$$

$$V_{\max} = 145 \text{ kN/m}$$

L'armatura della parete è costituita da $\phi 16/20$ al lembo interno e esterno, in entrambe le direzioni. Nella parete il copriferro netto delle armature trasversali è di 66 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura nell'altra direzione costituita da $\phi 16$ e lo spillo $\phi 10$).

In corrispondenza del tratto di altezza massima, nella zona di collegamento con la soletta di fondazione, è necessario disporre al lembo esterno un'armatura integratica in direzione verticale costituita da $\phi 16/40$.

Di seguito si riportano entrambe le verifiche.

Momento massimo	M =	60.00	kNm
Taglio massimo	T =	145.00	kN
Verifiche di resistenza			
Asse neutro (da lembo compresso)	x =	8.37	cm

Momento di inerzia sezione parzializzata	J =	108219	cm ⁴
tensione cls	$\sigma_c =$	4.64	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-201.5	MPa
tensione acciaio layer 2	$\sigma_{s2} =$		MPa
Verifica a fessurazione			
tensione cls per fessurazione	$\sigma_c =$	4.64	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	201.5	MPa
momento di prima fessurazione	$M_{fck} =$	77.95	kNm
momento di apertura fessure	$M_{fctm} =$	92.79	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	311.6	MPa
		$M_{cr} > M$	mm
Verifica a taglio			
massimo sforzo di taglio	$\tau_{max} =$	0.48	MPa

Momento massimo	M =	75.00	kNm
Taglio massimo	T =	145.00	kN
Verifiche di resistenza			
Asse neutro (da lembo compresso)	x =	9.80	cm
Momento di inerzia sezione parzializzata	J =	149827	cm ⁴
tensione cls	$\sigma_c =$	4.90	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-171.2	MPa
tensione acciaio layer 2	$\sigma_{s2} =$	-171.2	MPa
Verifica a fessurazione			
tensione cls per fessurazione	$\sigma_c =$	4.90	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	171.2	MPa
momento di prima fessurazione	$M_{fck} =$	80.39	kNm
momento di apertura fessure	$M_{fctm} =$	95.71	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	218.5	MPa
		$M_{cr} > M$	mm
Verifica a taglio			
massimo sforzo di taglio	$\tau_{max} =$	0.48	MPa

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Foglio 59 di 191		

La sezione non si fessura nemmeno sotto i massimi carichi di esercizio, pertanto anche la verifica a fessurazione è automaticamente soddisfatta. Il massimo sforzo tagliante è inferiore a τ_{c0} , per cui non si rende necessaria un'apposita armatura a taglio, si dispongono spilli $\phi 10$ a maglia 40×40 cm.

11.3. Torrino di accesso

Il torrino di accesso di forma rettangolare e altezza pari a circa 5.0 m, ha dimensioni nette interne di 1.6×0.8 m (rispetto all'asse dei piedritti è 1.9×1.1), lo spessore dei ritti è di 0.30 m.

I carichi agenti sulla parete di dimensioni 1.9×5.0 m sono:

- Spinta delle terre: $\sigma_1 = 0 \text{ kN/m}^2$
 $\sigma_2 = 20 \cdot 5.0 \cdot K_0 = 50 \text{ kN/m}^2$

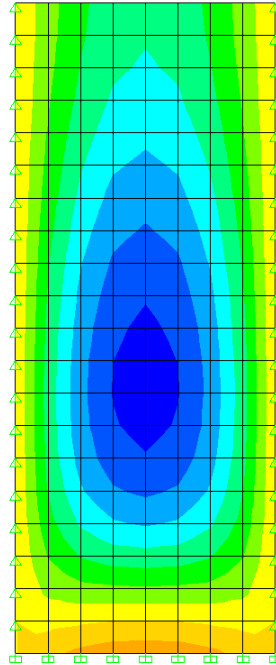
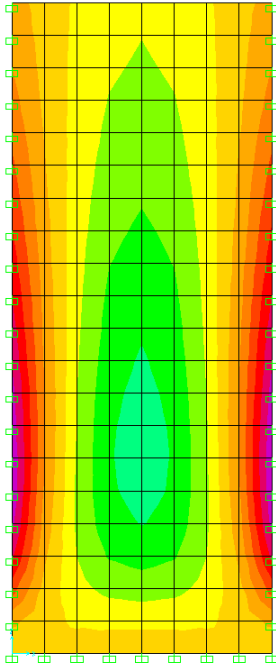
Si è assunto un angolo di attrito $\phi = 30^\circ$ per il terreno di ritombamento.

- Spinta del carico accidentale di 10 kN/m^2 $q = 10 \cdot 0.5 = 5 \text{ kN/m}^2$

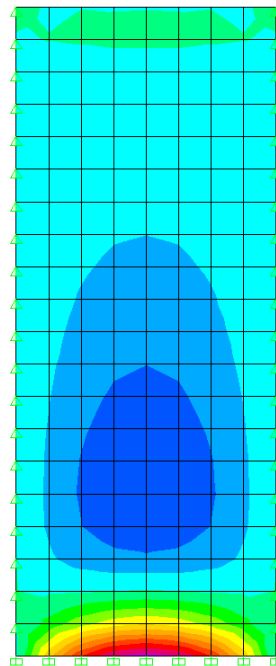
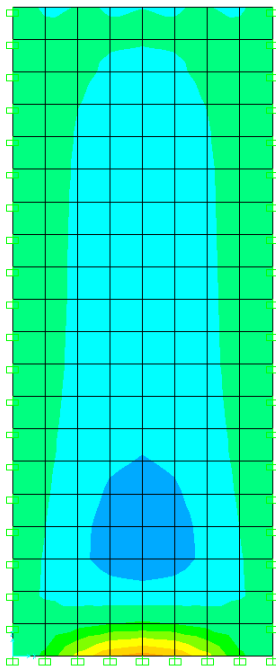
L'analisi è stata condotta con un modello agli elementi finiti tipo "shell", ipotizzando sui bordi sia un vincolo di incastro, sia un vincolo di appoggio.

Per la combinazione di carico che prevede la presenza di tutte le condizioni di carico sopra indicate (con coefficiente 1.0) si hanno le seguenti sollecitazioni nell'elemento.

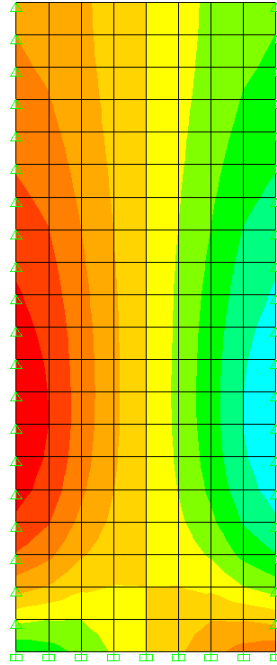
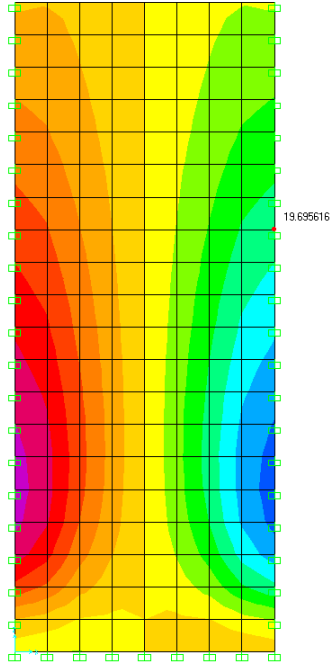
Momento flettente M11



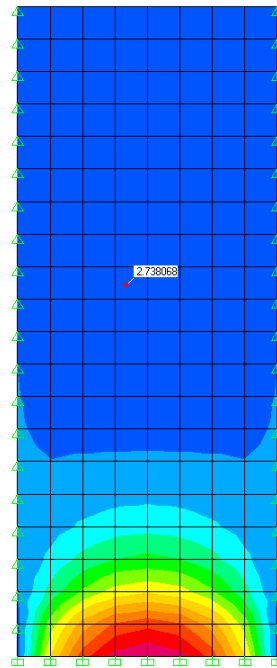
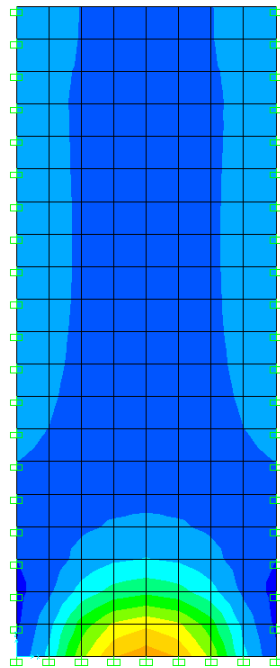
Momento flettente M22



Azione tagliante V13



Azione tagliante V23



Le sollecitazioni massime sono:

$$M_{11} = 13.5 \text{ kNm/m}$$

$$M_{22} = 20.6 \text{ kNm/m}$$

$$V_{\max} = 55 \text{ kN/m}$$

L'armatura della parete è costituita da $\phi 12/20$ al lembo interno e esterno, in entrambe le direzioni. Nella parete il copriferro netto delle armature trasversali è di 60 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura nell'altra direzione costituita da $\phi 12$ e lo spillo $\phi 8$).

Momento massimo	M =	20.60	kNm
Taglio massimo	T =	55.00	kN
Verifiche di resistenza			
Asse neutro (da lembo compresso)	x =	5.64	cm
Momento di inerzia sezione parzializzata	J =	32813	cm ⁴
tensione cls	$\sigma_c =$	3.54	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-167.3	MPa
tensione acciaio layer 2	$\sigma_{s2} =$		MPa
Verifica a fessurazione			
tensione cls per fessurazione	$\sigma_c =$	3.54	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	167.3	MPa
momento di prima fessurazione	$M_{fck} =$	42.23	kNm
momento di apertura fessure	$M_{fctm} =$	50.27	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	408.2	MPa
		$M_{cr} > M$	mm
Verifica a taglio			
massimo sforzo di taglio	$\tau_{\max} =$	0.25	MPa

La sezione non si fessura nemmeno sotto i massimi carichi di esercizio, pertanto anche la verifica a fessurazione è automaticamente soddisfatta. Il massimo sforzo tagliante è inferiore a τ_{c0} , per cui non si rende necessaria un'apposita armatura a taglio, si dispongono spilli $\phi 8$ a maglia 40x40 cm.

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12. VERIFICA POZZETTO 2

Il secondo pozzetto di salto ha in pianta forma rettangolare di dimensioni nette interne 2.6x2.0 m e altezza di 4.40 m, le pareti e le solette hanno spessore di 0.40 m. Il manufatto ha un ricoprimento di circa 6.95 m.

12.1. Soletta di copertura

La soletta di copertura di spessore 0.4 m e dimensioni 3.0x2.4 m (dimensioni riferite all'asse piedritti) ha un ricoprimento di circa 6.95 m, i carichi agenti sono:

- Peso proprio $p_p = 25 \cdot 0.4 = 10 \text{ kN/m}^2$
- Carico permanente $p = 20 \cdot 6.95 = 139 \text{ kN/m}^2$
- Accidentale $q = 10 \text{ kN/m}^2$

Per la soletta di copertura si è considerato il comportamento a piastra incastrata sui lati, per massimizzare il momento in prossimità dei piedritti e appoggiata sui lati per massimizzare il momento nella mezzeria.

Il rapporto dei lati è pari a $3.0/2.4 = 1.25$, indicata con x la direzione parallela al lato corto e con y la direzione parallela al lato lungo le sollecitazioni massime flettenti sono di seguito riportate.

Soletta appoggiata: $M_x = p_{tot} \cdot a^2 / \alpha_x = 159 \cdot 2.4^2 \cdot / 15.15 = 60.45 \text{ kNm/m}$

$$M_y = p_{tot} \cdot a^2 / \alpha_y = 159 \cdot 2.4^2 \cdot / 22.50 = 40.70 \text{ kNm/m}$$

Soletta incastrata: $M_x = p_{tot} \cdot a^2 / \alpha_x = 159 \cdot 2.4^2 \cdot / 14.55 = 62.94 \text{ kNm/m}$

$$M_y = p_{tot} \cdot a^2 / \alpha_y = 159 \cdot 2.4^2 \cdot / 17.85 = 51.31 \text{ kNm/m}$$

Per l'azione tagliante si considera a favore di sicurezza un comportamento a trave:

$$T = p_{tot} \cdot a / 2 = 159 \text{ kN/m}$$

(calcolato a filo del collegamento tra soletta e piedritti, assumendo $a=2.0 \text{ m}$)

L'armatura della soletta è costituita da $\phi 16/20$ al lembo interno e esterno, in entrambe le direzioni. Nella soletta il copriferro netto delle armature trasversali è di 56 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura nell'altra direzione costituita da $\phi 16$).

Momento massimo	M =	62.94	kNm
Taglio massimo	T =	159.00	kN
Verifiche di resistenza			

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Asse neutro (da lembo compresso)	x =	8.37	cm
Momento di inerzia sezione parzializzata	J =	116121	cm ⁴
tensione cls	$\sigma_c =$	4.54	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-205.1	MPa
tensione acciaio layer 2	$\sigma_{s2} =$		MPa
Verifica a fessurazione			
tensione cls per fessurazione	$\sigma_c =$	4.54	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	205.1	MPa
momento di prima fessurazione	$M_{fck} =$	79.06	kNm
momento di apertura fessure	$M_{fctm} =$	94.12	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	306.7	MPa
		$M_{cr} > M$	mm
Verifica a taglio			
massimo sforzo di taglio	$\tau_{max} =$	0.51	MPa

La sezione non si fessura nemmeno sotto i massimi carichi di esercizio, pertanto anche la verifica a fessurazione è automaticamente soddisfatta. Il massimo sforzo tagliante è inferiore a τ_{c0} , per cui non si rende necessaria un'apposita armatura a taglio.

12.2. Soletta di fondazione

La soletta di fondazione di spessore 0.4 m e dimensioni 3.0x2.4 m (dimensioni riferite all'asse piedritti) è caricata dalla spinta del terreno, pari ai carichi agenti sul manufatto:

- Peso proprio soletta $p_p = 25 \cdot 0.4 = 10 \text{ kN/m}^2$
- Carico permanente $p = 20 \cdot 6.95 = 139 \text{ kN/m}^2$
- Accidentale $q = 10 \text{ kN/m}^2$
- Peso proprio piedritti $p_p = (25 \cdot (3.4 + 2.0) \cdot 0.4 \cdot 4.4) / 3.0 / 2.4 = 66 \text{ kN/m}^2$

Come per la soletta di copertura anche per quella di fondazione si è considerato il comportamento a piastra incastrata sui lati, per massimizzare il momento in prossimità dei piedritti e appoggiata sui lati per massimizzare il momento nella mezzeria.

Il rapporto dei lati è pari a $3.0/2.4 = 1.25$, indicata con x la direzione parallela al lato corto e con y la direzione parallela al lato lungo le sollecitazioni massime flettenti sono di seguito riportate.

Soletta appoggiata: $M_x = p_{tot} \cdot a^2 / \alpha_x = 225 \cdot 2.4^2 \cdot / 15.15 = 85.54 \text{ kNm/m}$

$M_y = p_{tot} \cdot a^2 / \alpha_y = 225 \cdot 2.4^2 \cdot / 22.50 = 57.60 \text{ kNm/m}$

Soletta incastrata: $M_x = p_{tot} \cdot a^2 / \alpha_x = 225 \cdot 2.4^2 \cdot / 14.55 = 89.07 \text{ kNm/m}$

$M_y = p_{tot} \cdot a^2 / \alpha_y = 225 \cdot 2.4^2 \cdot / 17.85 = 72.60 \text{ kNm/m}$

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Per l'azione tagliante si considera a favore di sicurezza un comportamento a trave:

$$T = p_{\text{tot}} \cdot 2.0 / 2 = 225.0 \text{ kN/m}$$

L'armatura della fondazione è costituita da $\phi 20/20$ al lembo interno e esterno, in entrambe le direzioni. Nella soletta il copriferro netto delle armature trasversali è di 60 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura nell'altra direzione costituita da $\phi 20$).

Momento massimo	M =	89.07	kNm
Taglio massimo	T =	225.00	kN
Verifiche di resistenza			
Asse neutro (da lembo compresso)	x =	9.80	cm
Momento di inerzia sezione parzializzata	J =	160040	cm ⁴
tensione cls	$\sigma_c =$	5.46	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-193.7	MPa
tensione acciaio layer 2	$\sigma_{s2} =$		MPa
Verifica a fessurazione			
tensione cls per fessurazione	$\sigma_c =$	5.46	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	193.7	MPa
momento di prima fessurazione	$M_{fck} =$	83.05	kNm
momento di apertura fessure	$M_{fctm} =$	98.87	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	215.0	MPa
apertura fessure	wk =	0.14	mm
Verifica a taglio			
massimo sforzo di taglio	$\tau_{\text{max}} =$	0.74	MPa

La sezione sotto i massimi carichi di esercizio mantiene l'apertura a fessura inferiore a 0.15 mm, pertanto anche la verifica a fessurazione è soddisfatta. Il massimo sforzo tagliante è pari a τ_{c0} , si dispongono spilli $\phi 10/40 \times 40$ in prossimità dei piedritti.

12.3. Pareti

La parete maggiormente sollecitata è quella di dimensioni 3.0x4.8 m (misure riferite all'asse dei piedritti).

I carichi agenti sulla parete posta a circa 6.95 m di profondità per il ritombamento sono:

- Spinta delle terre: $\sigma_1 = 20 \cdot 6.95 \cdot K_0 = 69.5 \text{ kN/m}^2$
 $\sigma_2 = 20 \cdot (6.95 + 4.8) \cdot K_0 = 117.5 \text{ kN/m}^2$

Si è assunto un angolo di attrito $\phi = 30^\circ$ per il terreno di ritombamento.

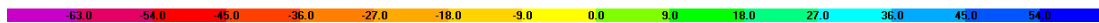
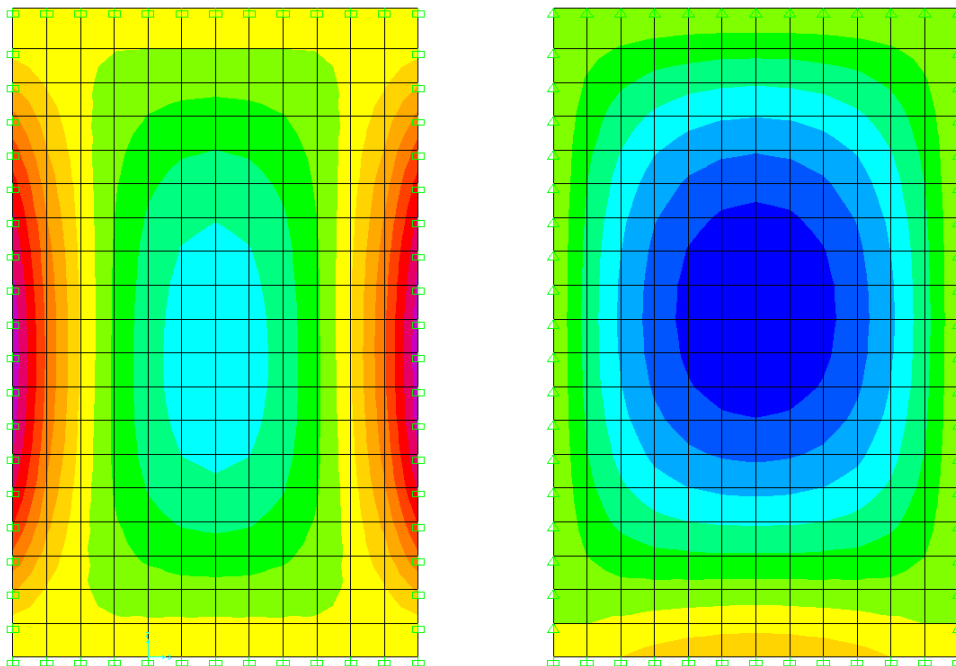
- Spinta del carico accidentale di 10 kN/m^2 $q = 10 \cdot 0.5 = 5 \text{ kN/m}^2$

L'analisi è stata condotta con un modello agli elementi finiti tipo "shell", ipotizzando sui bordi sia un vincolo di incastro, sia un vincolo di appoggio.

Per la combinazione di carico che prevede la presenza di tutte le condizioni di carico sopra indicate (con coefficiente 1.0) si hanno le seguenti sollecitazioni nell'elemento.

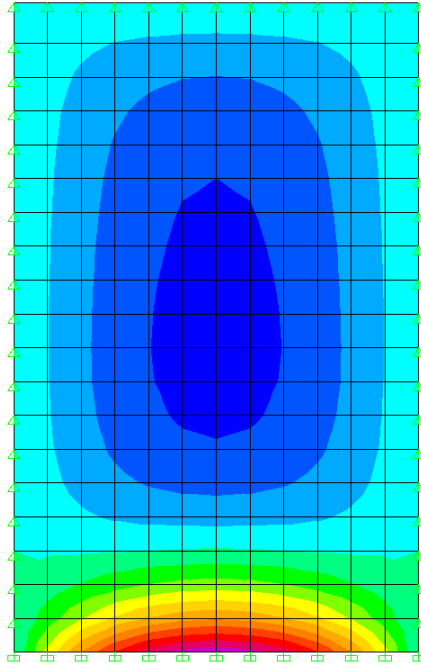
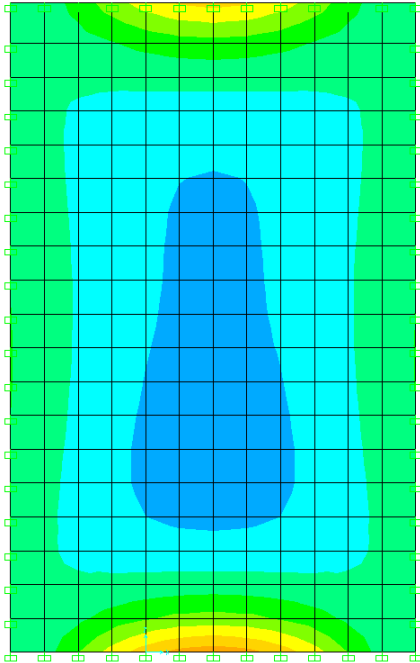
Momento flettente M11

Analysis Model



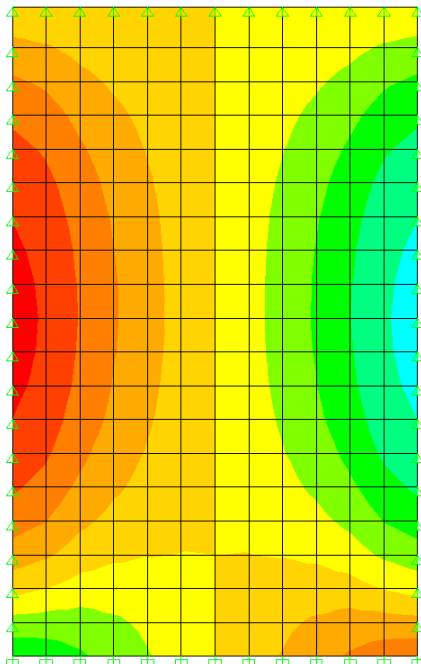
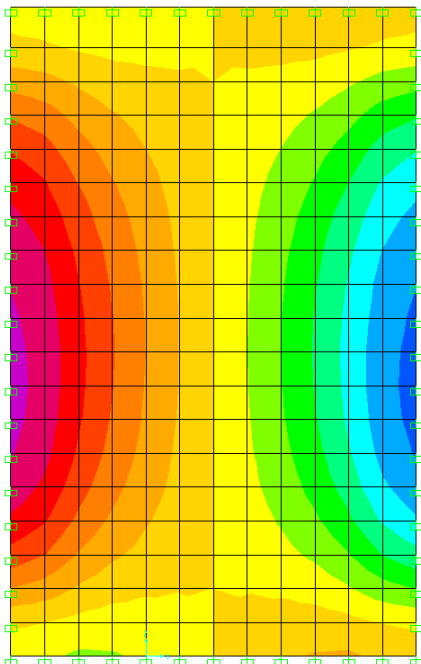
Momento flettente M22

Analysis Model

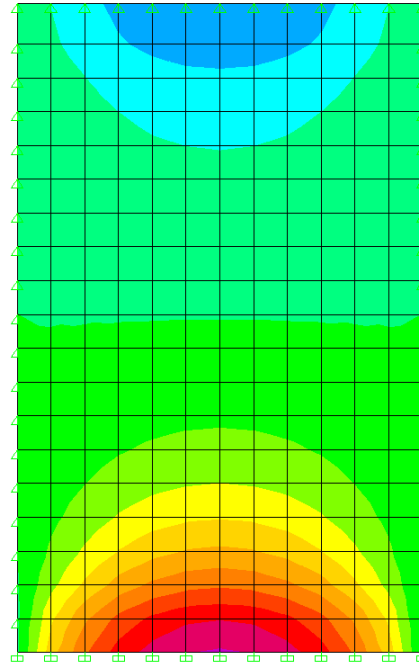
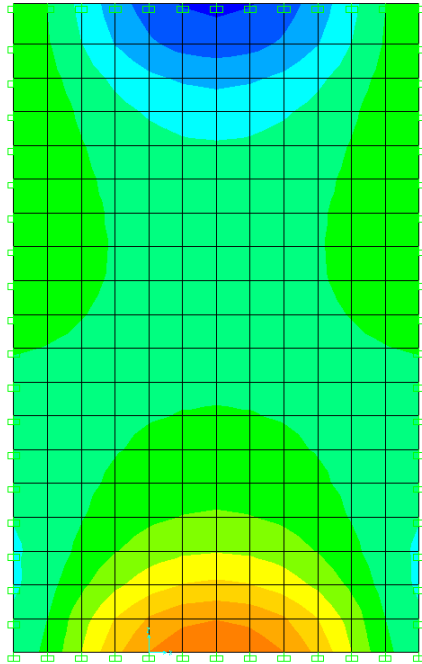


Azione tagliante V13

Analysis Model



Azione tagliante V23

Le sollecitazioni massime sono:

$$M_{11} = 70.0 \text{ kNm/m}$$

$$M_{22} = 108.3 \text{ kNm/m}$$

$$V_{\max} = 200 \text{ kN/m}$$

L'armatura della parete è costituita da $\phi 16/20$ al lembo interno e esterno, in entrambe le direzioni. Nella parete il copriferro netto delle armature trasversali è di 66 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura nell'altra direzione costituita da $\phi 16$ e lo spillo $\phi 10$).

In corrispondenza dell'incastro con la fondazione è necessario disporre un ferro integrativo $\phi 16/20$ al lembo esterno.

Di seguito si riportano entrambe le verifiche.

Momento massimo	M =	70.00	kNm
Taglio massimo	T =	200.00	kN
Verifiche di resistenza			

Asse neutro (da lembo compresso)	$x =$	8.37	cm
Momento di inerzia sezione parzializzata	$J =$	108219	cm ⁴
tensione cls	$\sigma_c =$	5.42	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-235.1	MPa
tensione acciaio layer 2	$\sigma_{s2} =$		MPa

Verifica a fessurazione

tensione cls per fessurazione	$\sigma_c =$	5.42	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	235.1	MPa
momento di prima fessurazione	$M_{fck} =$	77.95	kNm
momento di apertura fessure	$M_{fctm} =$	92.79	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	311.6	MPa
		$M_{cr} > M$	mm

Verifica a taglio

massimo sforzo di taglio	$\tau_{max} =$	0.67	MPa
--------------------------	----------------	------	-----

Momento massimo	$M =$	108.30	kNm
Taglio massimo	$T =$	200.00	kN

Verifiche di resistenza

Asse neutro (da lembo compresso)	$x =$	10.95	cm
Momento di inerzia sezione parzializzata	$J =$	187028	cm ⁴
tensione cls	$\sigma_c =$	6.34	MPa
tensione acciaio layer 1	$\sigma_{s1} =$	-188.1	MPa
tensione acciaio layer 2	$\sigma_{s2} =$	-188.1	MPa

Verifica a fessurazione

tensione cls per fessurazione	$\sigma_c =$	6.34	MPa
tensione acciaio per fessurazione	$\sigma_{s1} =$	188.1	MPa
momento di prima fessurazione	$M_{fck} =$	82.81	kNm
momento di apertura fessure	$M_{fctm} =$	98.58	kNm
tensione acciaio per M_{fctm}	$\sigma_{sr} =$	171.2	MPa
apertura fessure	$w_k =$	0.22	mm

Verifica a taglio

massimo sforzo di taglio	$\tau_{max} =$	0.67	MPa
--------------------------	----------------	------	-----

La sezione sotto i massimi carichi di esercizio ha un'apertura a fessure intorno allo 0.2 mm, la verifica a fessurazione si ritiene soddisfatta (la verifica è stata condotta senza considerare l'azione

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assiale presente nel piedritto). Il massimo sforzo tagliante è inferiore a τ_{c0} , per cui non si rende necessaria un'apposita armatura a taglio, si dispongono spilli $\phi 10$ a maglia 40x40 cm.

	
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13. TABULATI DI CALCOLO

13.1. Dati di input scatolare

File D:\13_15_COCIV\01_Calcoli\RI13_2x2\SAP tmb\scat-2x2-input.txt was saved on 9/26/13 at 14.01.15

TABLE: "PROGRAM CONTROL"

ProgramName=SAP2000 Version=15.0.0 ProgLevel=Ultimate LicenseNum=266BC LicenseOS=Yes LicenseSC=Yes
 LicenseBR=No LicenseHT=No CurrUnits="KN, m, C" SteelCode=AISC-ASD89 ConcCode="ACI 318-99" AlumCode="AA-ASD
 2000" - ColdCode=AISI-ASD96 BridgeCode="AASHTO LRFD 2007" RegenHinge=No

TABLE: "ACTIVE DEGREES OF FREEDOM"

UX=Yes UY=Yes UZ=Yes RX=Yes RY=Yes RZ=Yes

TABLE: "ANALYSIS OPTIONS"

Solver=Advanced SolverProc=Auto Force32Bit=No StiffCase=None GeomMod=No

TABLE: "COORDINATE SYSTEMS"

Name=GLOBAL Type=Cartesian X=0 Y=0 Z=0 AboutZ=0 AboutY=0 AboutX=0

TABLE: "GRID LINES"

CoordSys=GLOBAL AxisDir=X XRYZCoord=-2.25 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 AllVisible=No BubbleSize=1
 CoordSys=GLOBAL AxisDir=X XRYZCoord=-2.125 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=X XRYZCoord=-2 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=X XRYZCoord=-1 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=X XRYZCoord=0 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=X XRYZCoord=1 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=X XRYZCoord=2 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=X XRYZCoord=2.125 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=X XRYZCoord=2.25 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Y XRYZCoord=0 LineType=Primary LineColor=Gray4 Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XRYZCoord=0 LineType=Primary LineColor=Gray8Dark Visible=Yes BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XRYZCoord=0.15 LineType=Primary LineColor=Gray8Dark Visible=Yes
 BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XRYZCoord=0.3 LineType=Primary LineColor=Gray8Dark Visible=Yes
 BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XRYZCoord=2.2 LineType=Primary LineColor=Gray8Dark Visible=Yes
 BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XRYZCoord=3.8 LineType=Primary LineColor=Gray8Dark Visible=Yes
 BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XRYZCoord=3.925 LineType=Primary LineColor=Gray8Dark Visible=Yes
 BubbleLoc=End
 CoordSys=GLOBAL AxisDir=Z XRYZCoord=4.05 LineType=Primary LineColor=Gray8Dark Visible=Yes
 BubbleLoc=End

TABLE: "MATERIAL PROPERTIES 01 - GENERAL"

Material=A416Gr270 Type=Tendon SymType=Uniaxial TempDepend=No Color=Blue Notes="ASTM A416 Grade 270
 added 26/07/2013 12.08.15"
 Material=A615Gr60 Type=Rebar SymType=Uniaxial TempDepend=No Color=Green Notes="ASTM A615 Grade 60 added
 04/07/2013 15.45.09"
 Material=CONC Type=Concrete SymType=Isotropic TempDepend=No Color=Black Notes="Normalweight f'c = 4 ksi
 added 04/07/2013 15.45.09"
 Material=OTHER Type=Other SymType=Isotropic TempDepend=No Color=Black Notes="Material added 04/07/2013
 15.45.09"
 Material=REBAR Type=Rebar SymType=Uniaxial TempDepend=No Color=Green Notes="ASTM A615 Grade 60 added
 04/07/2013 15.45.09"
 Material=STEEL Type=Steel SymType=Isotropic TempDepend=No Color=Black Notes="ASTM A36 added 04/07/2013
 15.45.09"

TABLE: "MATERIAL PROPERTIES 02 - BASIC MECHANICAL PROPERTIES"

Material=A416Gr270 UnitWeight=76.9728639422648 UnitMass=7.84904737995992 E1=196500599.8512 A1=0.0000117
 Material=A615Gr60 UnitWeight=76.9728639422648 UnitMass=7.84904737995992 E1=199947978.795958 A1=0.0000117
 Material=CONC UnitWeight=25 UnitMass=2.40070009231567 E1=36049965 G12=15673897.7448489
 U12=0.150000005960464 A1=1.20000004244503E-05 UnitMass=2.40068006515503 E1=24821130 G12=10342137.474315
 Material=OTHER UnitWeight=23.5616092681885 UnitMass=2.40068006515503 E1=24821130 G12=10342137.474315
 U12=0.200000002980232 A1=9.89999989542412E-06 UnitMass=7.84904737995992 E1=199947978.795958 A1=0.0000117
 Material=REBAR UnitWeight=76.9728639422648 UnitMass=7.84904737995992 E1=199947978.795958 A1=0.0000117
 Material=STEEL UnitWeight=76.8195571899414 UnitMass=7.82710123062134 E1=199948000 G12=76903076.2178799
 U12=0.300000011920929 A1=1.16999999590917E-05

TABLE: "MATERIAL PROPERTIES 03A - STEEL DATA"

Material=STEEL Fy=248211.296875 Fu=310264.12109375 EffFy=372316.9453125 EffFu=341290.533203125
 SSCurveOpt="User Defined" SSHysType=Kinematic

TABLE: "MATERIAL PROPERTIES 03B - CONCRETE DATA"

Material=CONC Fc=27579 LtWtConc=No SSCurveOpt="User Defined" SSHysType=Kinematic FAngle=0 DAngle=0



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TABLE: "MATERIAL PROPERTIES 03E - REBAR DATA"

Material=A615Gr60 Fy=413685.473370947 Fu=620528.21005642 EffFy=455054.020708041 EffFu=682581.031062062
 SSCurveOpt=Simple SSHysType=Kinematic SHard=0.01 SCap=0.09 FinalSlope=-0.1 UseCTDef=No
 Material=REBAR Fy=275790 Fu=413685 EffFy=303369 EffFu=455053.5 SSCurveOpt=Simple SSHysType=Kinematic
 SHard=0.01 SCap=0.09 FinalSlope=-0.1 UseCTDef=No

TABLE: "MATERIAL PROPERTIES 03F - TENDON DATA"

Material=A416Gr270 Fy=1689905.15872032 Fu=1861584.63016926 SSCurveOpt="270 ksi" SSHysType=Kinematic
 FinalSlope=-0.1

TABLE: "MATERIAL PROPERTIES 03G - OTHER DATA"

Material=OTHER SSHysType=Elastic FAngle=0 DAngle=0

TABLE: "MATERIAL PROPERTIES 04 - USER STRESS-STRAIN CURVES"

Material=CONC	Point=1	Strain=-4.67711965878469E-02	Stress=0	PointID=-E
Material=CONC	Point=2	Strain=-3.27398376114928E-02	Stress=-206842.736685473	PointID=-D
Material=CONC	Point=3	Strain=-1.87084786351388E-02	Stress=-413685.473370947	PointID=-C
Material=CONC	Point=4	Strain=-1.93535985880746E-03	Stress=-413685.473370947	PointID=-B
Material=CONC	Point=5	Strain=0	Stress=0	PointID=A
Material=CONC	Point=6	Strain=1.93535985880746E-03	Stress=413685.473370947	PointID=B
Material=CONC	Point=7	Strain=1.87084786351388E-02	Stress=413685.473370947	PointID=C
Material=CONC	Point=8	Strain=4.67711965878469E-02	Stress=517106.841713683	PointID=C
Material=CONC	Point=9	Strain=0.074833914540555	Stress=517106.841713683	PointID=D
Material=CONC	Point=10	Strain=9.35423931756938E-02	Stress=413685.473370947	PointID=E
Material=OTHER	Point=1	Strain=-4.02882544025997E-08	Stress=-1	PointID=A
Material=OTHER	Point=2	Strain=0	Stress=0	PointID=A
Material=OTHER	Point=3	Strain=4.02882544025997E-08	Stress=1	PointID=A
Material=STEEL	Point=1	Strain=-0.05	Stress=0	PointID=-E
Material=STEEL	Point=2	Strain=-0.035	Stress=-124105.642011284	PointID=-D
Material=STEEL	Point=3	Strain=-0.02	Stress=-248211.284022568	PointID=-C
Material=STEEL	Point=4	Strain=-1.24137931034483E-03	Stress=-248211.284022568	PointID=-B
Material=STEEL	Point=5	Strain=0	Stress=0	PointID=A
Material=STEEL	Point=6	Strain=1.24137931034483E-03	Stress=248211.284022568	PointID=B
Material=STEEL	Point=7	Strain=0.02	Stress=248211.284022568	PointID=C
Material=STEEL	Point=8	Strain=0.05	Stress=399895.957591915	PointID=C
Material=STEEL	Point=9	Strain=0.08	Stress=399895.957591915	PointID=D
Material=STEEL	Point=10	Strain=0.1	Stress=248211.284022568	PointID=E

TABLE: "MATERIAL PROPERTIES 06 - DAMPING PARAMETERS"

Material=A416Gr270 ModalRatio=0 VisMass=0 VisStiff=0 HysMass=0 HysStiff=0
 Material=A615Gr60 ModalRatio=0 VisMass=0 VisStiff=0 HysMass=0 HysStiff=0
 Material=CONC ModalRatio=0 VisMass=0 VisStiff=0 HysMass=0 HysStiff=0
 Material=OTHER ModalRatio=0 VisMass=0 VisStiff=0 HysMass=0 HysStiff=0
 Material=REBAR ModalRatio=0 VisMass=0 VisStiff=0 HysMass=0 HysStiff=0
 Material=STEEL ModalRatio=0 VisMass=0 VisStiff=0 HysMass=0 HysStiff=0

TABLE: "FRAME SECTION PROPERTIES 01 - GENERAL"

SectionName=100X35 Material=CONC Shape=Rectangular t3=0.35 t2=1 Area=0.35
 TorsConst=1.11442949486003E-02 I33=3.57291666666667E-03 I22=2.91666666666667E-02 AS2=0.291666666666667
 AS3=0.291666666666667
 S23=2.04166666666667E-02 S22=5.83333333333333E-02 Z33=0.030625 Z22=0.0875 R33=0.101036297108185
 R22=0.288675134594813 ConcCol=No ConcBeam=Yes Color=Cyan TotalWt=82.25 TotalMass=7.89830330371856
 FromFile=No
 AMod=1 A2Mod=1 A3Mod=1 JMod=1 I2Mod=1 I3Mod=1 MMod=1 WMod=1
 SectionName=100X60 Material=CONC Shape=Rectangular t3=0.6 t2=1 Area=0.6 TorsConst=0.0450779328
 I33=0.018 I22=0.05 AS2=0.5 AS3=0.5 S33=0.06 S22=0.1 Z33=0.09 Z22=0.15 R33=0.173205080756888
 R22=0.288675134594813 ConcCol=No ConcBeam=Yes Color=DarkRed TotalWt=0 TotalMass=0 FromFile=No
 AMod=1 A2Mod=1 A3Mod=1 JMod=1 I2Mod=1 I3Mod=1 MMod=1 WMod=1

TABLE: "FRAME SECTION PROPERTIES 03 - CONCRETE BEAM"

SectionName=100X35 RebarMatL=A615Gr60 RebarMatC=REBAR TopCover=0 BotCover=0 TopLeftArea=0
 TopRightArea=0 BotLeftArea=0 BotRightArea=0
 SectionName=100X60 RebarMatL=A615Gr60 RebarMatC=REBAR TopCover=3.99999991059303E-02
 BotCover=3.99999991059303E-02 TopLeftArea=0 TopRightArea=0 BotLeftArea=0 BotRightArea=0

TABLE: "LOAD PATTERN DEFINITIONS"

LoadPat=1PESOPR	DesignType=OTHER	SelfWtMult=1
LoadPat=2PERMAN	DesignType=OTHER	SelfWtMult=0
LoadPat=3TERRSIM	DesignType=OTHER	SelfWtMult=0
LoadPat=4TERRASI	DesignType=OTHER	SelfWtMult=0
LoadPat=5TERRATT	DesignType=OTHER	SelfWtMult=0
LoadPat=6LM71CEN	DesignType=OTHER	SelfWtMult=0
LoadPat=7LM71DIS	DesignType=OTHER	SelfWtMult=0
LoadPat=8SPLM71	DesignType=OTHER	SelfWtMult=0
LoadPat=9AVVLM71	DesignType=OTHER	SelfWtMult=0
LoadPat=10SW2CEN	DesignType=OTHER	SelfWtMult=0
LoadPat=11SPSW2	DesignType=OTHER	SelfWtMult=0
LoadPat=12FRESW2	DesignType=OTHER	SelfWtMult=0
LoadPat=13TEMPER	DesignType=OTHER	SelfWtMult=0
LoadPat=SPSISMIC	DesignType=OTHER	SelfWtMult=0
LoadPat=SOVRSISM	DesignType=OTHER	SelfWtMult=0



LoadPat=SOVRSISV DesignType=OTHER SelfWtMult=0
 LoadPat=INERZIAH DesignType=OTHER SelfWtMult=0
 LoadPat=INERZIAV DesignType=OTHER SelfWtMult=0

TABLE: "AUTO WAVE 3 - WAVE CHARACTERISTICS - GENERAL"

WaveChar=Default WaveType="From Theory" KinFactor=1 SWaterDepth=1800 WaveHeight=720 WavePeriod=12
 WaveTheory=Linear

TABLE: "COMBINATION DEFINITIONS"

ComboName=TA1G1A1	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1A1	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1A1	CaseType="Linear Static"	CaseName=3TERRSIM	ScaleFactor=1	
ComboName=TA1G1A1	CaseType="Linear Static"	CaseName=6LM71CEN	ScaleFactor=1	
ComboName=TA1G1A1	CaseType="Linear Static"	CaseName=8SPLM71	ScaleFactor=1	
ComboName=TA1G1A1	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=0.600000023841858	
ComboName=TA1G1B1	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1B1	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1B1	CaseType="Linear Static"	CaseName=3TERRSIM	ScaleFactor=1	
ComboName=TA1G1B1	CaseType="Linear Static"	CaseName=7LM71DIS	ScaleFactor=1	
ComboName=TA1G1B1	CaseType="Linear Static"	CaseName=8SPLM71	ScaleFactor=1	
ComboName=TA1G1B1	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=0.600000023841858	
ComboName=TA1G1C1	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1C1	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1C1	CaseType="Linear Static"	CaseName=3TERRSIM	ScaleFactor=1	
ComboName=TA1G1C1	CaseType="Linear Static"	CaseName=10SW2CEN	ScaleFactor=1	
ComboName=TA1G1C1	CaseType="Linear Static"	CaseName=11SPSW2	ScaleFactor=1	
ComboName=TA1G1C1	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=0.600000023841858	
ComboName=TA1G1D1	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1D1	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1D1	CaseType="Linear Static"	CaseName=3TERRSIM	ScaleFactor=1	
ComboName=TA1G1D1	CaseType="Linear Static"	CaseName=6LM71CEN	ScaleFactor=1	
ComboName=TA1G1D1	CaseType="Linear Static"	CaseName=8SPLM71	ScaleFactor=1	
ComboName=TA1G1D1	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=-0.600000023841858	
ComboName=TA1G1E1	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1E1	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1E1	CaseType="Linear Static"	CaseName=3TERRSIM	ScaleFactor=1	
ComboName=TA1G1E1	CaseType="Linear Static"	CaseName=7LM71DIS	ScaleFactor=1	
ComboName=TA1G1E1	CaseType="Linear Static"	CaseName=8SPLM71	ScaleFactor=1	
ComboName=TA1G1E1	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=-0.600000023841858	
ComboName=TA1G1F1	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1F1	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1F1	CaseType="Linear Static"	CaseName=3TERRSIM	ScaleFactor=1	
ComboName=TA1G1F1	CaseType="Linear Static"	CaseName=10SW2CEN	ScaleFactor=1	
ComboName=TA1G1F1	CaseType="Linear Static"	CaseName=11SPSW2	ScaleFactor=1	
ComboName=TA1G1F1	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=-0.600000023841858	
ComboName=TA1G1A2	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1A2	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1A2	CaseType="Linear Static"	CaseName=4TERRASI	ScaleFactor=1	
ComboName=TA1G1A2	CaseType="Linear Static"	CaseName=6LM71CEN	ScaleFactor=1	
ComboName=TA1G1A2	CaseType="Linear Static"	CaseName=8SPLM71	ScaleFactor=1	
ComboName=TA1G1A2	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=0.600000023841858	
ComboName=TA1G1B2	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1B2	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1B2	CaseType="Linear Static"	CaseName=4TERRASI	ScaleFactor=1	
ComboName=TA1G1B2	CaseType="Linear Static"	CaseName=7LM71DIS	ScaleFactor=1	
ComboName=TA1G1B2	CaseType="Linear Static"	CaseName=8SPLM71	ScaleFactor=1	
ComboName=TA1G1B2	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=0.600000023841858	
ComboName=TA1G1C2	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1C2	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1C2	CaseType="Linear Static"	CaseName=4TERRASI	ScaleFactor=1	
ComboName=TA1G1C2	CaseType="Linear Static"	CaseName=10SW2CEN	ScaleFactor=1	
ComboName=TA1G1C2	CaseType="Linear Static"	CaseName=11SPSW2	ScaleFactor=1	
ComboName=TA1G1C2	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=0.600000023841858	
ComboName=TA1G1D2	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1D2	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	
ComboName=TA1G1D2	CaseType="Linear Static"	CaseName=4TERRASI	ScaleFactor=1	
ComboName=TA1G1D2	CaseType="Linear Static"	CaseName=6LM71CEN	ScaleFactor=1	
ComboName=TA1G1D2	CaseType="Linear Static"	CaseName=8SPLM71	ScaleFactor=1	
ComboName=TA1G1D2	CaseType="Linear Static"	CaseName=13TEMPER	ScaleFactor=-0.600000023841858	
ComboName=TA1G1E2	ComboType="Linear Add"	AutoDesign=No	CaseType="Linear Static"	CaseName=1PESOPR
ScaleFactor=1	SteelDesign=None	ConcDesign=None	AlumDesign=None	ColdDesign=None
ComboName=TA1G1E2	CaseType="Linear Static"	CaseName=2PERMAN	ScaleFactor=1	



ComboName=ENVETA5 CaseType="Response Combo" CaseName=TA5G61C3 ScaleFactor=1
 ComboName=ENVETA5 CaseType="Response Combo" CaseName=TA5G61D3 ScaleFactor=1
 ComboName=ENVETA5 CaseType="Response Combo" CaseName=TA5G61E3 ScaleFactor=1
 ComboName=ENVETA1 ComboType=Envelope AutoDesign=No CaseType="Response Combo" CaseName=ENVTA11
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=ENVETA1 CaseType="Response Combo" CaseName=ENVTA131 ScaleFactor=1
 ComboName=ENVETA1 CaseType="Response Combo" CaseName=ENVTA132 ScaleFactor=1
 ComboName=ENVETA2 ComboType=Envelope AutoDesign=No CaseType="Response Combo" CaseName=ENVTA21
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=ENVETA2 CaseType="Response Combo" CaseName=ENVTA231 ScaleFactor=1
 ComboName=ENVETA2 CaseType="Response Combo" CaseName=ENVTA232 ScaleFactor=1
 ComboName=SOVRSIS ComboType=Envelope AutoDesign=No CaseType="Linear Static" CaseName=SOVRSISM
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=SOVRSIS CaseType="Linear Static" CaseName=SOVRSISV ScaleFactor=1
 ComboName=INERZIAI ComboType=SRSS AutoDesign=No CaseType="Linear Static" CaseName=INERZIAH
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=INERZIAI CaseType="Linear Static" CaseName=INERZIAV ScaleFactor=1
 ComboName=INERZIAI ComboType=SRSS AutoDesign=No CaseType="Linear Static" CaseName=INERZIAH
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=INERZIAN CaseType="Linear Static" CaseName=INERZIAV ScaleFactor=-1
 ComboName=15SISMAP ComboType="Linear Add" AutoDesign=No CaseType="Linear Static" CaseName=SPSISMIC
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=15SISMAP CaseType="Response Combo" CaseName=SOVRSIS ScaleFactor=1
 ComboName=15SISMAP CaseType="Response Combo" CaseName=INERZIAI ScaleFactor=1
 ComboName=15SISMAN ComboType="Linear Add" AutoDesign=No CaseType="Linear Static" CaseName=SPSISMIC
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=15SISMAN CaseType="Response Combo" CaseName=SOVRSIS ScaleFactor=1
 ComboName=15SISMAN CaseType="Response Combo" CaseName=INERZIAN ScaleFactor=1
 ComboName=TASISMAP ComboType="Linear Add" AutoDesign=No CaseType="Linear Static" CaseName=1PESOPR
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=TASISMAP CaseType="Linear Static" CaseName=2PERMAN ScaleFactor=1
 ComboName=TASISMAP CaseType="Linear Static" CaseName=3TERRSIM ScaleFactor=1
 ComboName=TASISMAP CaseType="Response Combo" CaseName=15SISMAP ScaleFactor=1
 ComboName=TASISMAN ComboType="Linear Add" AutoDesign=No CaseType="Linear Static" CaseName=1PESOPR
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=TASISMAN CaseType="Linear Static" CaseName=2PERMAN ScaleFactor=1
 ComboName=TASISMAN CaseType="Linear Static" CaseName=3TERRSIM ScaleFactor=1
 ComboName=TASISMAN CaseType="Response Combo" CaseName=15SISMAN ScaleFactor=1
 ComboName=ENVSISMA ComboType=Envelope AutoDesign=No CaseType="Response Combo" CaseName=TASISMAP
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=ENVSISMA CaseType="Response Combo" CaseName=TASISMAN ScaleFactor=1
 ComboName=ENVETA ComboType=Envelope AutoDesign=No CaseType="Response Combo" CaseName=ENVETA3
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=ENVETA CaseType="Response Combo" CaseName=ENVETA1 ScaleFactor=1
 ComboName=ENVETA CaseType="Response Combo" CaseName=ENVETA2 ScaleFactor=1
 ComboName=ENVETA CaseType="Response Combo" CaseName=ENVSISMA ScaleFactor=1

TABLE: "GROUPS 1 - DEFINITIONS"

GroupName=ALL Selection=Yes SectionCut=Yes Steel=Yes Concrete=Yes Aluminum=Yes ColdFormed=Yes
 Stage=Yes Bridge=Yes AutoSeismic=No AutoWind=No SelDesSteel=No SelDesAlum=No SelDesCold=No
 MassWeight=Yes Color=Yellow

TABLE: "GROUPS 3 - MASSES AND WEIGHTS"

GroupName=ALL SelfMass=7.89830330371856 SelfWeight=82.25 TotalMassX=7.89830330371856
 TotalMassY=7.89830330371856 TotalMassZ=7.89830330371856

TABLE: "JOINT PATTERN DEFINITIONS"

Pattern=DEFAULT

TABLE: "MASSES 1 - MASS SOURCE"

MassFrom=Elements

TABLE: "FUNCTION - PLOT FUNCTIONS"

PlotFunc="Input Energy" Type=Energy Component=Input Mode=All

TABLE: "LOAD CASE DEFINITIONS"

Case=1PESOPR Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished
 Case=2PERMAN Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished
 Case=3TERRSIM Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished
 Case=4TERRASI Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished
 Case=5TERRATT Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished
 Case=6LM71CEN Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished
 Case=7LM71DIS Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished
 Case=8SPLM71 Type=LinStatic InitialCond=Zero DesTypeOpt="Prog Det" DesignType=OTHER DesActOpt="Prog
 Det" DesignAct=Other AutoType=None RunCase=Yes CaseStatus=Finished



Case=9AVVLM71	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=10SW2CEN	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=11SPSW2	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=12FRESW2	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=13TEMPER	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=SPSISMIC	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=SOVRSISM	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=SOVRSISV	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=INERZIAH	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	
Case=INERZIAV	Type=LinStatic	InitialCond=Zero	DesTypeOpt="Prog Det"	DesignType=OTHER	DesActOpt="Prog
Det"	DesignAct=Other	AutoType=None	RunCase=Yes	CaseStatus=Finished	

TABLE: "CASE - STATIC 1 - LOAD ASSIGNMENTS"

Case=1PESOPR	LoadType="Load pattern"	LoadName=1PESOPR	LoadSF=1
Case=2PERMAN	LoadType="Load pattern"	LoadName=2PERMAN	LoadSF=1
Case=3TERRSIM	LoadType="Load pattern"	LoadName=3TERRSIM	LoadSF=1
Case=4TERRASI	LoadType="Load pattern"	LoadName=4TERRASI	LoadSF=1
Case=5TERRATT	LoadType="Load pattern"	LoadName=5TERRATT	LoadSF=1
Case=6LM71CEN	LoadType="Load pattern"	LoadName=6LM71CEN	LoadSF=1
Case=7LM71DIS	LoadType="Load pattern"	LoadName=7LM71DIS	LoadSF=1
Case=8SPLM71	LoadType="Load pattern"	LoadName=8SPLM71	LoadSF=1
Case=9AVVLM71	LoadType="Load pattern"	LoadName=9AVVLM71	LoadSF=1
Case=10SW2CEN	LoadType="Load pattern"	LoadName=10SW2CEN	LoadSF=1
Case=11SPSW2	LoadType="Load pattern"	LoadName=11SPSW2	LoadSF=1
Case=12FRESW2	LoadType="Load pattern"	LoadName=12FRESW2	LoadSF=1
Case=13TEMPER	LoadType="Load pattern"	LoadName=13TEMPER	LoadSF=1
Case=SPSISMIC	LoadType="Load pattern"	LoadName=SPSISMIC	LoadSF=1
Case=SOVRSISM	LoadType="Load pattern"	LoadName=SOVRSISM	LoadSF=1
Case=SOVRSISV	LoadType="Load pattern"	LoadName=SOVRSISV	LoadSF=1
Case=INERZIAH	LoadType="Load pattern"	LoadName=INERZIAH	LoadSF=1
Case=INERZIAV	LoadType="Load pattern"	LoadName=INERZIAV	LoadSF=1

TABLE: "JOINT COORDINATES"

Joint=1	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=0	SpecialJt=No	GlobalX=-1.175
GlobalY=0	GlobalZ=0						
Joint=2	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.0875	Y=0	Z=0	SpecialJt=Yes	GlobalX=-1.0875
GlobalY=0	GlobalZ=0						
Joint=3	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.75	Y=0	Z=2.35	SpecialJt=No	GlobalX=-0.75
GlobalY=0	GlobalZ=2.35						
Joint=4	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.5	Y=0	Z=2.35	SpecialJt=No	GlobalX=-0.5
GlobalY=0	GlobalZ=2.35						
Joint=5	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.25	Y=0	Z=2.35	SpecialJt=No	GlobalX=-0.25
GlobalY=0	GlobalZ=2.35						
Joint=6	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0	Y=0	Z=2.35	SpecialJt=No	GlobalX=0
GlobalY=0	GlobalZ=2.35						GlobalY=0
Joint=7	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.25	Y=0	Z=2.35	SpecialJt=No	GlobalX=0.25
GlobalY=0	GlobalZ=2.35						
Joint=8	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.5	Y=0	Z=2.35	SpecialJt=No	GlobalX=0.5
GlobalY=0	GlobalZ=2.35						
Joint=9	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.75	Y=0	Z=2.35	SpecialJt=No	GlobalX=0.75
GlobalY=0	GlobalZ=2.35						
Joint=10	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.75	Y=0	Z=0	SpecialJt=No	GlobalX=-0.75
GlobalY=0	GlobalZ=0						
Joint=11	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.5	Y=0	Z=0	SpecialJt=No	GlobalX=-0.5
GlobalY=0	GlobalZ=0						
Joint=12	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.25	Y=0	Z=0	SpecialJt=No	GlobalX=-0.25
GlobalY=0	GlobalZ=0						
Joint=13	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=0	SpecialJt=No	GlobalX=1.175
GlobalY=0	GlobalZ=0						
Joint=14	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=2.35	SpecialJt=No	GlobalX=-1.175
GlobalY=0	GlobalZ=2.35						
Joint=15	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.0875	Y=0	Z=2.35	SpecialJt=Yes	GlobalX=-1.0875
GlobalY=0	GlobalZ=2.35						
Joint=16	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1	Y=0	Z=2.35	SpecialJt=Yes	GlobalX=-1
GlobalY=0	GlobalZ=2.35						
Joint=17	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0	Y=0	Z=0	SpecialJt=No	GlobalX=0
GlobalY=0	GlobalZ=0						GlobalY=0
Joint=18	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.25	Y=0	Z=0	SpecialJt=No	GlobalX=0.25
GlobalY=0	GlobalZ=0						
Joint=19	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.5	Y=0	Z=0	SpecialJt=No	GlobalX=0.5
GlobalY=0	GlobalZ=0						GlobalY=0
Joint=20	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.75	Y=0	Z=0	SpecialJt=No	GlobalX=0.75
GlobalY=0	GlobalZ=0						



Joint=21	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=0.425	SpecialJt=No	GlobalX=-1.175	GlobalY=0	GlobalZ=0.425
Joint=22	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=0.675	SpecialJt=No	GlobalX=-1.175	GlobalY=0	GlobalZ=0.675
Joint=23	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=0.925	SpecialJt=No	GlobalX=-1.175	GlobalY=0	GlobalZ=0.925
Joint=24	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1	Y=0	Z=2.35	SpecialJt=Yes	GlobalX=1	GlobalY=0	GlobalZ=2.35
Joint=25	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.0875	Y=0	Z=2.35	SpecialJt=Yes	GlobalX=1.0875	GlobalY=0	GlobalZ=2.35
Joint=26	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=2.35	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=2.35
Joint=27	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=1.175	SpecialJt=No	GlobalX=-1.175	GlobalY=0	GlobalZ=1.175
Joint=28	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=1.425	SpecialJt=No	GlobalX=-1.175	GlobalY=0	GlobalZ=1.425
Joint=29	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=0.0875	SpecialJt=Yes	GlobalX=-1.175	GlobalY=0	GlobalZ=0.0875
Joint=30	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=0.175	SpecialJt=Yes	GlobalX=-1.175	GlobalY=0	GlobalZ=0.175
Joint=31	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=2.175	SpecialJt=Yes	GlobalX=-1.175	GlobalY=0	GlobalZ=2.175
Joint=32	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=2.2625	SpecialJt=Yes	GlobalX=-1.175	GlobalY=0	GlobalZ=2.2625
Joint=33	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=2.2625	SpecialJt=Yes	GlobalX=1.175	GlobalY=0	GlobalZ=2.2625
Joint=34	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=2.175	SpecialJt=Yes	GlobalX=1.175	GlobalY=0	GlobalZ=2.175
Joint=35	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=0.175	SpecialJt=Yes	GlobalX=1.175	GlobalY=0	GlobalZ=0.175
Joint=36	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=0.0875	SpecialJt=Yes	GlobalX=1.175	GlobalY=0	GlobalZ=0.0875
Joint=37	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=1.675	SpecialJt=No	GlobalX=-1.175	GlobalY=0	GlobalZ=1.675
Joint=38	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.175	Y=0	Z=1.925	SpecialJt=No	GlobalX=-1.175	GlobalY=0	GlobalZ=1.925
Joint=39	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=0.425	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=0.425
Joint=40	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=0.675	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=0.675
Joint=41	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=0.925	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=0.925
Joint=42	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=1.175	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=1.175
Joint=43	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=1.425	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=1.425
Joint=44	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=1.675	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=1.675
Joint=45	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.175	Y=0	Z=1.925	SpecialJt=No	GlobalX=1.175	GlobalY=0	GlobalZ=1.925
Joint=58	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.0875	Y=0	Z=0	SpecialJt=Yes	GlobalX=1.0875	GlobalY=0	GlobalZ=0
Joint=59	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1	Y=0	Z=0	SpecialJt=Yes	GlobalX=1	GlobalY=0	GlobalZ=0
Joint=60	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1	Y=0	Z=0	SpecialJt=Yes	GlobalX=-1	GlobalY=0	GlobalZ=0

TABLE: "CONNECTIVITY - FRAME"

Frame=1	JointI=14	JointJ=15	IsCurved=No	Length=8.75000000000001E-02	CentroidX=-1.13125	CentroidY=0	CentroidZ=2.35
Frame=2	JointI=15	JointJ=16	IsCurved=No	Length=8.74999999999999E-02	CentroidX=-1.04375	CentroidY=0	CentroidZ=2.35
Frame=4	JointI=24	JointJ=25	IsCurved=No	Length=8.74999999999999E-02	CentroidX=1.04375	CentroidY=0	CentroidZ=2.35
Frame=5	JointI=25	JointJ=26	IsCurved=No	Length=8.75000000000001E-02	CentroidX=1.13125	CentroidY=0	CentroidZ=2.35
Frame=6	JointI=16	JointJ=3	IsCurved=No	Length=0.25	CentroidX=-0.875	CentroidY=0	CentroidZ=2.35
Frame=7	JointI=3	JointJ=4	IsCurved=No	Length=0.25	CentroidX=-0.625	CentroidY=0	CentroidZ=2.35
Frame=8	JointI=4	JointJ=5	IsCurved=No	Length=0.25	CentroidX=-0.375	CentroidY=0	CentroidZ=2.35
Frame=9	JointI=5	JointJ=6	IsCurved=No	Length=0.25	CentroidX=-0.125	CentroidY=0	CentroidZ=2.35
Frame=10	JointI=6	JointJ=7	IsCurved=No	Length=0.25	CentroidX=0.125	CentroidY=0	CentroidZ=2.35
Frame=11	JointI=7	JointJ=8	IsCurved=No	Length=0.25	CentroidX=0.375	CentroidY=0	CentroidZ=2.35
Frame=12	JointI=8	JointJ=9	IsCurved=No	Length=0.25	CentroidX=0.625	CentroidY=0	CentroidZ=2.35
Frame=13	JointI=9	JointJ=24	IsCurved=No	Length=0.25	CentroidX=0.875	CentroidY=0	CentroidZ=2.35
Frame=14	JointI=1	JointJ=2	IsCurved=No	Length=8.75000000000001E-02	CentroidX=-1.13125	CentroidY=0	CentroidZ=2.35
Frame=15	JointI=2	JointJ=60	IsCurved=No	Length=8.74999999999999E-02	CentroidX=-1.04375	CentroidY=0	CentroidZ=2.35
Frame=17	JointI=59	JointJ=58	IsCurved=No	Length=8.74999999999999E-02	CentroidX=1.04375	CentroidY=0	CentroidZ=2.35
Frame=18	JointI=58	JointJ=13	IsCurved=No	Length=8.75000000000001E-02	CentroidX=1.13125	CentroidY=0	CentroidZ=2.35



Frame=19	JointI=1	JointJ=29	IsCurved=No	Length=0.0875	CentroidX=-1.175	CentroidY=0	CentroidZ=0.04375
Frame=20	JointI=29	JointJ=30	IsCurved=No	Length=0.0875	CentroidX=-1.175	CentroidY=0	CentroidZ=0.13125
Frame=22	JointI=31	JointJ=32	IsCurved=No	Length=8.75000000000004E-02	CentroidX=-1.175	CentroidY=0	CentroidZ=2.21875
Frame=23	JointI=32	JointJ=14	IsCurved=No	Length=8.74999999999995E-02	CentroidX=-1.175	CentroidY=0	CentroidZ=2.30625
Frame=24	JointI=13	JointJ=36	IsCurved=No	Length=0.0875	CentroidX=1.175	CentroidY=0	CentroidZ=0.04375
Frame=25	JointI=36	JointJ=35	IsCurved=No	Length=0.0875	CentroidX=1.175	CentroidY=0	CentroidZ=0.13125
Frame=27	JointI=34	JointJ=33	IsCurved=No	Length=8.75000000000004E-02	CentroidX=1.175	CentroidY=0	CentroidZ=2.21875
Frame=28	JointI=33	JointJ=26	IsCurved=No	Length=8.74999999999995E-02	CentroidX=1.175	CentroidY=0	CentroidZ=2.30625
Frame=29	JointI=60	JointJ=10	IsCurved=No	Length=0.25	CentroidX=-0.875	CentroidY=0	CentroidZ=0
Frame=30	JointI=10	JointJ=11	IsCurved=No	Length=0.25	CentroidX=-0.625	CentroidY=0	CentroidZ=0
Frame=31	JointI=11	JointJ=12	IsCurved=No	Length=0.25	CentroidX=-0.375	CentroidY=0	CentroidZ=0
Frame=32	JointI=12	JointJ=17	IsCurved=No	Length=0.25	CentroidX=-0.125	CentroidY=0	CentroidZ=0
Frame=33	JointI=17	JointJ=18	IsCurved=No	Length=0.25	CentroidX=0.125	CentroidY=0	CentroidZ=0
Frame=34	JointI=18	JointJ=19	IsCurved=No	Length=0.25	CentroidX=0.375	CentroidY=0	CentroidZ=0
Frame=35	JointI=19	JointJ=20	IsCurved=No	Length=0.25	CentroidX=0.625	CentroidY=0	CentroidZ=0
Frame=36	JointI=20	JointJ=59	IsCurved=No	Length=0.25	CentroidX=0.875	CentroidY=0	CentroidZ=0
Frame=37	JointI=30	JointJ=21	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=0.3
Frame=38	JointI=21	JointJ=22	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=0.55
Frame=39	JointI=22	JointJ=23	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=0.8
Frame=40	JointI=23	JointJ=27	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=1.05
Frame=41	JointI=27	JointJ=28	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=1.3
Frame=42	JointI=28	JointJ=37	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=1.55
Frame=43	JointI=37	JointJ=38	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=1.8
Frame=44	JointI=38	JointJ=31	IsCurved=No	Length=0.25	CentroidX=-1.175	CentroidY=0	CentroidZ=2.05
Frame=45	JointI=35	JointJ=39	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=0.3
Frame=46	JointI=39	JointJ=40	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=0.55
Frame=47	JointI=40	JointJ=41	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=0.8
Frame=48	JointI=41	JointJ=42	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=1.05
Frame=49	JointI=42	JointJ=43	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=1.3
Frame=50	JointI=43	JointJ=44	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=1.55
Frame=51	JointI=44	JointJ=45	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=1.8
Frame=52	JointI=45	JointJ=34	IsCurved=No	Length=0.25	CentroidX=1.175	CentroidY=0	CentroidZ=2.05

TABLE: "JOINT RESTRAINT ASSIGNMENTS"

Joint=1	U1=Yes	U2=Yes	U3=No	R1=Yes	R2=No	R3=Yes
Joint=13	U1=No	U2=Yes	U3=No	R1=Yes	R2=No	R3=Yes
Joint=14	U1=No	U2=Yes	U3=No	R1=Yes	R2=No	R3=Yes
Joint=26	U1=No	U2=Yes	U3=No	R1=Yes	R2=No	R3=Yes

TABLE: "JOINT SPRING ASSIGNMENTS 1 - UNCOUPLED"

Joint=1	CoordSys=GLOBAL	U1=0	U2=0	U3=1310	R1=0	R2=0	R3=0
Joint=2	CoordSys=GLOBAL	U1=0	U2=0	U3=440	R1=0	R2=0	R3=0
Joint=13	CoordSys=GLOBAL	U1=0	U2=0	U3=1310	R1=0	R2=0	R3=0
Joint=58	CoordSys=GLOBAL	U1=0	U2=0	U3=440	R1=0	R2=0	R3=0
Joint=59	CoordSys=GLOBAL	U1=0	U2=0	U3=845	R1=0	R2=0	R3=0
Joint=60	CoordSys=GLOBAL	U1=0	U2=0	U3=845	R1=0	R2=0	R3=0
Joint=10	CoordSys=GLOBAL	U1=0	U2=0	U3=1250	R1=0	R2=0	R3=0
Joint=11	CoordSys=GLOBAL	U1=0	U2=0	U3=1250	R1=0	R2=0	R3=0
Joint=12	CoordSys=GLOBAL	U1=0	U2=0	U3=1250	R1=0	R2=0	R3=0
Joint=17	CoordSys=GLOBAL	U1=0	U2=0	U3=1250	R1=0	R2=0	R3=0
Joint=18	CoordSys=GLOBAL	U1=0	U2=0	U3=1250	R1=0	R2=0	R3=0
Joint=19	CoordSys=GLOBAL	U1=0	U2=0	U3=1250	R1=0	R2=0	R3=0
Joint=20	CoordSys=GLOBAL	U1=0	U2=0	U3=1250	R1=0	R2=0	R3=0

TABLE: "JOINT LOADS - FORCE"

Joint=1	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=5.91	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=4TERRASI	CoordSys=GLOBAL	F1=5.91	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=5TERRATT	CoordSys=GLOBAL	F1=2.25	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=8SPLM71	CoordSys=GLOBAL	F1=3.06	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=11SPSW2	CoordSys=GLOBAL	F1=2.67	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=13	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=-5.91	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=13	LoadPat=4TERRASI	CoordSys=GLOBAL	F1=-3.55	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=13	LoadPat=5TERRATT	CoordSys=GLOBAL	F1=-2.25	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=2.15	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=4TERRASI	CoordSys=GLOBAL	F1=2.15	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=5TERRATT	CoordSys=GLOBAL	F1=0.82	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=6LM71CEN	CoordSys=GLOBAL	F1=0	F2=0	F3=-9.69	M1=0	M2=0	M3=0
Joint=14	LoadPat=7LM71DIS	CoordSys=GLOBAL	F1=0	F2=0	F3=-9.69	M1=0	M2=0	M3=0
Joint=14	LoadPat=8SPLM71	CoordSys=GLOBAL	F1=3.06	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=10SW2CEN	CoordSys=GLOBAL	F1=0	F2=0	F3=-8.46	M1=0	M2=0	M3=0
Joint=14	LoadPat=11SPSW2	CoordSys=GLOBAL	F1=2.67	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=SOVRSISM	CoordSys=GLOBAL	F1=0	F2=0	F3=-6.26	M1=0	M2=0	M3=0
Joint=14	LoadPat=SOVRSISV	CoordSys=GLOBAL	F1=0	F2=0	F3=-8.35	M1=0	M2=0	M3=0
Joint=26	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=-2.15	F2=0	F3=0	M1=0	M2=0	M3=0



Frame=28	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=29	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=30	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=31	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=32	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=33	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=34	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=35	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=36	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=37	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=38	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=39	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=40	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=41	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=42	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=43	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=44	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=45	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=46	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=47	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=48	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=49	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=50	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=51	CardinalPt="10	(centroid)	Mirror2=No	Transform=No
Frame=52	CardinalPt="10	(centroid)	Mirror2=No	Transform=No

TABLE: "FRAME OUTPUT STATION ASSIGNMENTS"

Frame=1	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=2	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=4	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=5	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=6	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=7	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=8	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=9	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=10	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=11	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=12	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=13	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=14	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=15	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=17	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=18	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=19	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=20	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=22	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=23	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=24	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=25	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=27	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=28	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=29	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=30	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=31	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=32	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=33	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=34	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=35	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=36	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=37	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=38	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=39	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=40	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=41	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=42	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=43	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=44	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=45	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=46	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=47	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=48	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=49	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=50	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=51	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes
Frame=52	StationType=MinNumSta	MinNumSta=2	AddAtElmInt=Yes	AddAtPtLoad=Yes

TABLE: "FRAME SPRING ASSIGNMENTS"

Frame=14	Type=Simple	Stiffness=26000	SimpleType="Tension and Compression"	Dir1Type="User Vector"
CoordSys=GLOBAL	VecX=0	VecY=0	VecZ=1	
Frame=15	Type=Simple	Stiffness=26000	SimpleType="Tension and Compression"	Dir1Type="User Vector"
CoordSys=GLOBAL	VecX=0	VecY=0	VecZ=1	

Frame=19	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=33.05	FOverLB=32.303829787234				
Frame=19	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=33.05	FOverLB=32.303829787234				
Frame=19	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=12.6	FOverLB=12.3155319148936				
Frame=19	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=17.49	FOverLB=17.49				
Frame=19	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=15.26	FOverLB=15.26				
Frame=19	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=0	FOverLB=2.93218085106383				
Frame=20	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=32.303829787234	FOverLB=31.5576595744681				
Frame=20	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=32.303829787234	FOverLB=31.5576595744681				
Frame=20	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=12.3155319148936	FOverLB=12.0310638297872				
Frame=20	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=17.49	FOverLB=17.49				
Frame=20	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=15.26	FOverLB=15.26				
Frame=20	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=2.93218085106383	FOverLB=5.86436170212766				
Frame=22	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=14.5023404255319	FOverLB=13.756170212766				
Frame=22	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=14.5023404255319	FOverLB=13.756170212766				
Frame=22	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=5.52893617021276	FOverLB=5.24446808510638				
Frame=22	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=17.49	FOverLB=17.49				
Frame=22	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=15.26	FOverLB=15.26				
Frame=22	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=72.8856382978723	FOverLB=75.8178191489362				
Frame=23	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=13.756170212766	FOverLB=13.01				
Frame=23	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=13.756170212766	FOverLB=13.01				
Frame=23	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=5.24446808510638	FOverLB=4.96				
Frame=23	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=17.49	FOverLB=17.49				
Frame=23	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=15.26	FOverLB=15.26				
Frame=23	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=75.8178191489362	FOverLB=78.75				
Frame=24	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=-33.05	FOverLB=-32.303829787234				
Frame=24	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=-19.83	FOverLB=-19.3820744680851				
Frame=24	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=-12.6	FOverLB=-12.3155319148936				
Frame=24	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=0	FOverLB=2.93218085106383				
Frame=25	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=-32.303829787234	FOverLB=-31.5576595744681				
Frame=25	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=-19.3820744680851	FOverLB=-18.9341489361702				
Frame=25	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=-12.3155319148936	FOverLB=-12.0310638297872				
Frame=25	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.0875	FOverLA=2.93218085106383	FOverLB=5.86436170212766				
Frame=27	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=-14.5023404255319	FOverLB=-13.756170212766				
Frame=27	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=-8.69585106382979	FOverLB=-8.24792553191489				
Frame=27	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=-5.52893617021276	FOverLB=-5.24446808510638				
Frame=27	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.75000000000004E-02	FOverLA=72.8856382978723	FOverLB=75.8178191489362				
Frame=28	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=-13.756170212766	FOverLB=-13.01				
Frame=28	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=-8.24792553191489	FOverLB=-7.8				
Frame=28	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=-5.24446808510638	FOverLB=-4.96				
Frame=28	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=8.74999999999995E-02	FOverLA=75.8178191489362	FOverLB=78.75				
Frame=37	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=31.5576595744681	FOverLB=29.4257446808511				

Frame=37	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=31.5576595744681	FOverLB=29.4257446808511				
Frame=37	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=12.0310638297872	FOverLB=11.2182978723404				
Frame=37	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=37	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=37	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=5.86436170212766	FOverLB=14.2420212765957				
Frame=38	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=29.4257446808511	FOverLB=27.293829787234				
Frame=38	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=29.4257446808511	FOverLB=27.293829787234				
Frame=38	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=11.2182978723404	FOverLB=10.4055319148936				
Frame=38	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=38	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=38	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=14.2420212765957	FOverLB=22.6196808510638				
Frame=39	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=27.293829787234	FOverLB=25.161914893617				
Frame=39	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=27.293829787234	FOverLB=25.161914893617				
Frame=39	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=10.4055319148936	FOverLB=9.59276595744681				
Frame=39	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=39	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=39	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=22.6196808510638	FOverLB=30.9973404255319				
Frame=40	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=25.161914893617	FOverLB=23.03				
Frame=40	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=25.161914893617	FOverLB=23.03				
Frame=40	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=9.59276595744681	FOverLB=8.78				
Frame=40	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=40	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=40	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=30.9973404255319	FOverLB=39.375				
Frame=41	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=23.03	FOverLB=20.898085106383				
Frame=41	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=23.03	FOverLB=20.898085106383				
Frame=41	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=8.78	FOverLB=7.96723404255319				
Frame=41	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=41	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=41	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=39.375	FOverLB=47.7526595744681				
Frame=42	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=20.898085106383	FOverLB=18.766170212766				
Frame=42	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=20.898085106383	FOverLB=18.766170212766				
Frame=42	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=7.96723404255319	FOverLB=7.15446808510638				
Frame=42	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=42	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=42	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=47.7526595744681	FOverLB=56.1303191489362				
Frame=43	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=18.766170212766	FOverLB=16.6342553191489				
Frame=43	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=18.766170212766	FOverLB=16.6342553191489				
Frame=43	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=7.15446808510638	FOverLB=6.34170212765957				
Frame=43	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=43	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=43	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=56.1303191489362	FOverLB=64.5079787234043				



Frame=44	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=16.6342553191489	FOverLB=14.5023404255319				
Frame=44	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=16.6342553191489	FOverLB=14.5023404255319				
Frame=44	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=6.34170212765957	FOverLB=5.52893617021276				
Frame=44	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=17.49	FOverLB=17.49				
Frame=44	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=15.26	FOverLB=15.26				
Frame=44	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=64.5079787234043	FOverLB=72.8856382978723				
Frame=45	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-31.5576595744681	FOverLB=-29.4257446808511				
Frame=45	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-18.9341489361702	FOverLB=-17.6543617021277				
Frame=45	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-12.0310638297872	FOverLB=-11.2182978723404				
Frame=45	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=5.86436170212766	FOverLB=14.2420212765957				
Frame=46	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-29.4257446808511	FOverLB=-27.293829787234				
Frame=46	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-17.6543617021277	FOverLB=-16.3745744680851				
Frame=46	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-11.2182978723404	FOverLB=-10.4055319148936				
Frame=46	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=14.2420212765957	FOverLB=22.6196808510638				
Frame=47	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-27.293829787234	FOverLB=-25.161914893617				
Frame=47	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-16.3745744680851	FOverLB=-15.0947872340426				
Frame=47	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-10.4055319148936	FOverLB=-9.59276595744681				
Frame=47	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=22.6196808510638	FOverLB=30.9973404255319				
Frame=48	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-25.161914893617	FOverLB=-23.03				
Frame=48	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-15.0947872340426	FOverLB=-13.815				
Frame=48	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-9.59276595744681	FOverLB=-8.78				
Frame=48	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=30.9973404255319	FOverLB=39.375				
Frame=49	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-23.03	FOverLB=-20.898085106383				
Frame=49	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-13.815	FOverLB=-12.5352127659574				
Frame=49	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-8.78	FOverLB=-7.96723404255319				
Frame=49	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=39.375	FOverLB=47.7526595744681				
Frame=50	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-20.898085106383	FOverLB=-18.766170212766				
Frame=50	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-12.5352127659574	FOverLB=-11.2554255319149				
Frame=50	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-7.96723404255319	FOverLB=-7.15446808510638				
Frame=50	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=47.7526595744681	FOverLB=56.1303191489362				
Frame=51	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-18.766170212766	FOverLB=-16.6342553191489				
Frame=51	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-11.2554255319149	FOverLB=-9.97563829787234				
Frame=51	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-7.15446808510638	FOverLB=-6.34170212765957				
Frame=51	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=56.1303191489362	FOverLB=64.5079787234043				
Frame=52	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-16.6342553191489	FOverLB=-14.5023404255319				
Frame=52	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-9.97563829787234	FOverLB=-8.69585106382979				
Frame=52	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=-6.34170212765957	FOverLB=-5.52893617021276				
Frame=52	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.25	FOverLA=64.5079787234043	FOverLB=72.8856382978723				

TABLE: "FRAME LOADS - TEMPERATURE"

Frame=1	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=2	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=4	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=5	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None



Frame=6	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=7	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=8	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=9	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=10	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=11	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=12	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=13	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None

TABLE: "FRAME DESIGN PROCEDURES"

Frame=1	DesignProc="From Material"
Frame=2	DesignProc="From Material"
Frame=4	DesignProc="From Material"
Frame=5	DesignProc="From Material"
Frame=6	DesignProc="From Material"
Frame=7	DesignProc="From Material"
Frame=8	DesignProc="From Material"
Frame=9	DesignProc="From Material"
Frame=10	DesignProc="From Material"
Frame=11	DesignProc="From Material"
Frame=12	DesignProc="From Material"
Frame=13	DesignProc="From Material"
Frame=14	DesignProc="From Material"
Frame=15	DesignProc="From Material"
Frame=17	DesignProc="From Material"
Frame=18	DesignProc="From Material"
Frame=19	DesignProc="From Material"
Frame=20	DesignProc="From Material"
Frame=22	DesignProc="From Material"
Frame=23	DesignProc="From Material"
Frame=24	DesignProc="From Material"
Frame=25	DesignProc="From Material"
Frame=27	DesignProc="From Material"
Frame=28	DesignProc="From Material"
Frame=29	DesignProc="From Material"
Frame=30	DesignProc="From Material"
Frame=31	DesignProc="From Material"
Frame=32	DesignProc="From Material"
Frame=33	DesignProc="From Material"
Frame=34	DesignProc="From Material"
Frame=35	DesignProc="From Material"
Frame=36	DesignProc="From Material"
Frame=37	DesignProc="From Material"
Frame=38	DesignProc="From Material"
Frame=39	DesignProc="From Material"
Frame=40	DesignProc="From Material"
Frame=41	DesignProc="From Material"
Frame=42	DesignProc="From Material"
Frame=43	DesignProc="From Material"
Frame=44	DesignProc="From Material"
Frame=45	DesignProc="From Material"
Frame=46	DesignProc="From Material"
Frame=47	DesignProc="From Material"
Frame=48	DesignProc="From Material"
Frame=49	DesignProc="From Material"
Frame=50	DesignProc="From Material"
Frame=51	DesignProc="From Material"
Frame=52	DesignProc="From Material"

TABLE: "OVERWRITES - CONCRETE DESIGN - ACI 318-99"

Frame=1	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=2	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=4	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=5	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=6	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=7	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=8	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=9	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=10	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=11	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=12	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=13	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=14	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=15	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=17	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=18	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=19	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=20	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=22	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=23	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=24	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=25	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0



Frame=27	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=28	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=29	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=30	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=31	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=32	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=33	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=34	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=35	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=36	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=37	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=38	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=39	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=40	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=41	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=42	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=43	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=44	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=45	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=46	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=47	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=48	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=49	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=50	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=51	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0
Frame=52	DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XMLMajor=0	XMLMinor=0

END TABLE DATA



13.2. Dati di output scatolare

File D:\13_15_COCIV\01_Calcoli\RI13_2x2\SAP tmb\scat-2x2-output.txt was saved on 9/26/13 at 14.01.35

TABLE: "PROGRAM CONTROL"

ProgramName=SAP2000 Version=15.0.0 ProgLevel=Ultimate LicenseNum=266BC LicenseOS=Yes LicenseSC=Yes
LicenseBR=No LicenseHT=No CurrUnits="KN, m, C" SteelCode=AISC-ASD89 ConcCode="ACI 318-99" AlumCode="AA-ASD
2000" - ColdCode=AISI-ASD96 BridgeCode="AASHTO LRFD 2007" RegenHinge=No

TABLE: "JOINT DISPLACEMENTS"

Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=0	U2=0	U3=-7.45315904019726E-05		
R1=0	R2=2.9275329161964E-03	R3=0						
Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=0	U2=0	U3=-9.56397493267646E-04		
R1=0	R2=2.12401648224287E-03	R3=0						
Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=0	U2=0	U3=7.70995667696045E-03	R1=0	
R2=9.54970562398213E-03	R3=0							
Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=0	U2=0	U3=-2.28688989818013E-03	R1=0	
R2=-9.2671696674116E-05	R3=0							
Joint=2	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.58186719116196E-08	U2=0	U3=-		
3.20108055511574E-04	R1=0	R2=2.88889147243724E-03	R3=0					
Joint=2	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-1.64684725749869E-07	U2=0	U3=-		
1.14600954615946E-03	R1=0	R2=2.09562001971176E-03	R3=0					
Joint=2	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=4.50222781354893E-07	U2=0			
U3=6.88741681322047E-03	R1=0	R2=9.46802295102096E-03	R3=0					
Joint=2	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.80284283668405E-07	U2=0	U3=-		
2.40348515622076E-03	R1=0	R2=-9.97969241232332E-05	R3=0					
Joint=3	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.3637928335456E-03	U2=0	U3=-		
1.3840416285892E-03	R1=0	R2=3.10016229337028E-03	R3=0					
Joint=3	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.47665251174888E-03	U2=0	U3=-		
2.03086528578724E-03	R1=0	R2=2.33009847882664E-03	R3=0					
Joint=3	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32468485532098E-02	U2=0			
U3=3.71944554368502E-03	R1=0	R2=9.48192408322695E-03	R3=0					
Joint=3	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.90920309414755E-05	U2=0	U3=-		
3.03745114265361E-03	R1=0	R2=4.27117876789378E-05	R3=0					
Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.35437774413811E-03	U2=0	U3=-		
2.12610138449532E-03	R1=0	R2=3.04051851569368E-03	R3=0					
Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.48511580721326E-03	U2=0	U3=-		
2.64111084460182E-03	R1=0	R2=2.2859965116695E-03	R3=0					
Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32465207646219E-02	U2=0			
U3=1.45248378302862E-03	R1=0	R2=9.36871368080477E-03	R3=0					
Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.05723565861791E-05	U2=0	U3=-		
3.45754647811104E-03	R1=0	R2=3.57025075355048E-05	R3=0					
Joint=5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.34492679199746E-03	U2=0	U3=-		
2.85253647653242E-03	R1=0	R2=2.97141662329427E-03	R3=0					
Joint=5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.49354106023871E-03	U2=0	U3=-		
3.23455121646374E-03	R1=0	R2=2.23167819468984E-03	R3=0					
Joint=5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32461478501733E-02	U2=0	U3=-		
7.23754267202986E-04	R1=0	R2=9.26634851457269E-03	R3=0					
Joint=5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.20526822308828E-05	U2=0	U3=-		
3.86075468422865E-03	R1=0	R2=2.00196484928045E-05	R3=0					
Joint=6	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.33567078657885E-03	U2=0	U3=-		
3.55375989482633E-03	R1=0	R2=2.90256690012025E-03	R3=0					
Joint=6	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=0.005501697461179	U2=0	U3=-		
3.8089094500743E-03	R1=0	R2=2.17617060068777E-03	R3=0					
Joint=6	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32457298098641E-02	U2=0	U3=-		
2.03626584465606E-03	R1=0	R2=9.18508658648981E-03	R3=0					
Joint=6	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.7638175218258E-06	U2=0	U3=-		
4.62732539595383E-03	R1=0	R2=4.70263345853032E-16	R3=0					
Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.34409900150623E-03	U2=0	U3=-		
4.09019450565621E-03	R1=0	R2=2.84931500452661E-03	R3=0					
Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.49209573641016E-03	U2=0	U3=-		
4.50601597177632E-03	R1=0	R2=2.12237262314466E-03	R3=0					
Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32452666436941E-02	U2=0	U3=-		
2.03347383561778E-03	R1=0	R2=9.14563732464753E-03	R3=0					
Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.31950360829606E-05	U2=0	U3=-		
6.64366515575282E-03	R1=0	R2=-3.17832022173948E-05	R3=0					
Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.35249135350942E-03	U2=0	U3=-		
4.61561436037571E-03	R1=0	R2=2.81573584605498E-03	R3=0					
Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.4824559692024E-03	U2=0	U3=-		
5.20875877322685E-03	R1=0	R2=2.08543951417933E-03	R3=0					
Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32447583516635E-02	U2=0	U3=-		
2.02563990718392E-03	R1=0	R2=9.14609785003399E-03	R3=0					
Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.26262546440955E-05	U2=0	U3=-		
8.77327094162391E-03	R1=0	R2=-5.92296149858683E-05	R3=0					
Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.36084784258841E-03	U2=0	U3=-		
5.1347136918534E-03	R1=0	R2=2.81153970865332E-03	R3=0					
Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.47277815955571E-03	U2=0	U3=-		
5.90472454087845E-03	R1=0	R2=2.07439834659191E-03	R3=0					

Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32442049337723E-02	U2=0	U3=-
2.0137399870222E-03	R1=0	R2=9.19501666178481E-03	R3=0			
Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.20574732052303E-05	U2=0	U3=-
1.09702885366115E-02	R1=0	R2=-7.80024488550723E-05	R3=0			
Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.68335492850098E-08	U2=0	U3=-
1.24377351986093E-03	R1=0	R2=2.79574897511583E-03	R3=0			
Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-7.99897239356504E-07	U2=0	U3=-
1.86032075039597E-03	R1=0	R2=2.03789340015472E-03	R3=0			
Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.18480696478402E-06	U2=0	U3=-
U3=3.79317640514245E-03	R1=0	R2=9.20554117828159E-03	R3=0			
Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.3613808063894E-06	U2=0	U3=-
2.83996262479189E-03	R1=0	R2=-9.9228475797061E-05	R3=0			
Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.2202975474678E-07	U2=0	U3=-
1.91328589250809E-03	R1=0	R2=2.78131141811178E-03	R3=0			
Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-1.27042502721327E-06	U2=0	U3=-
2.39037929379199E-03	R1=0	R2=2.04383072511214E-03	R3=0			
Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=3.46764705984475E-06	U2=0	U3=-
U3=1.58006816999815E-03	R1=0	R2=9.08440574323251E-03	R3=0			
Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.16219304544198E-06	U2=0	U3=-
3.16915641775727E-03	R1=0	R2=-7.63625927124324E-05	R3=0			
Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.6722596020855E-07	U2=0	U3=-
2.58523499555168E-03	R1=0	R2=2.80753696296852E-03	R3=0			
Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-1.74095281507004E-06	U2=0	U3=-
2.92638467270481E-03	R1=0	R2=2.08437400917576E-03	R3=0			
Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=4.74875347188905E-06	U2=0	U3=-
5.50652545651043E-04	R1=0	R2=9.03790615587423E-03	R3=0			
Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.96300528449457E-06	U2=0	U3=-
3.50870610223489E-03	R1=0	R2=-4.12362989771251E-05	R3=0			
Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=4.24844331340648E-07	U2=0	U3=-
5.9962190226364E-03	R1=0	R2=3.21253839322147E-03	R3=0			
Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-4.42296120585362E-06	U2=0	U3=-
7.07966584171098E-03	R1=0	R2=2.3991444794525E-03	R3=0			
Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.2017955355131E-05	U2=0	U3=-
1.97602658973739E-03	R1=0	R2=9.82886481940688E-03	R3=0			
Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-7.52763504709431E-06	U2=0	U3=-
1.47835480782853E-02	R1=0	R2=3.5512469788509E-05	R3=0			
Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.3797161796115E-03	U2=0	U3=-
9.02530135447072E-05	R1=0	R2=3.15236538341628E-03	R3=0			
Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.46217760206209E-03	U2=0	U3=-
9.74180341041235E-04	R1=0	R2=2.35607417059042E-03	R3=0			
Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32473022299589E-02	U2=0	U3=-
U3=7.70453243466389E-03	R1=0	R2=9.67020283291918E-03	R3=0			
Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.35754773454792E-05	U2=0	U3=-
2.30873835572174E-03	R1=0	R2=2.24464178117632E-05	R3=0			
Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.37644631623327E-03	U2=0	U3=-
3.58426077056158E-04	R1=0	R2=3.14847851141864E-03	R3=0			
Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.46516671805322E-03	U2=0	U3=-
1.19301395710325E-03	R1=0	R2=2.35744068269359E-03	R3=0			
Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32472194869069E-02	U2=0	U3=-
U3=6.8732185671207E-03	R1=0	R2=9.63375970546232E-03	R3=0			
Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.05935913211255E-05	U2=0	U3=-
2.45919000342106E-03	R1=0	R2=3.07340419816031E-05	R3=0			
Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.37317205964682E-03	U2=0	U3=-
6.25933624780696E-04	R1=0	R2=3.14063767237588E-03	R3=0			
Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.46815117384557E-03	U2=0	U3=-
1.41149890978322E-03	R1=0	R2=2.35495702336117E-03	R3=0			
Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=0.023247131215937	U2=0	U3=-
U3=6.04711382911186E-03	R1=0	R2=9.59569923762306E-03	R3=0			
Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.76117052967718E-05	U2=0	U3=-
2.60982712642712E-03	R1=0	R2=3.67106994734693E-05	R3=0			
Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.12422165670321E-07	U2=0	U3=-
3.26496061923816E-03	R1=0	R2=2.86638364824718E-03	R3=0			
Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-2.21148060292681E-06	U2=0	U3=-
3.47508563921164E-03	R1=0	R2=2.15124922984784E-03	R3=0			
Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=6.02812620115336E-06	U2=0	U3=-
1.90423110746687E-03	R1=0	R2=9.06803014703396E-03	R3=0			
Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.76381752354715E-06	U2=0	U3=-
4.21172888195369E-03	R1=0	R2=4.79763098828103E-16	R3=0			
Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.57618371132092E-07	U2=0	U3=-
3.81174379670734E-03	R1=0	R2=2.95272803522916E-03	R3=0			
Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-2.68200839078357E-06	U2=0	U3=-
4.19763859087245E-03	R1=0	R2=2.2218086401247E-03	R3=0			
Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=7.30576524787755E-06	U2=0	U3=-
1.90979289129547E-03	R1=0	R2=9.1794787330158E-03	R3=0			
Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.56462976259974E-06	U2=0	U3=-
6.23001712611591E-03	R1=0	R2=2.91873743976783E-05	R3=0			
Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.02814576593862E-07	U2=0	U3=-
4.38152705672077E-03	R1=0	R2=3.04767858068768E-03	R3=0			
Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-3.15253617864034E-06	U2=0	U3=-
4.94544246615025E-03	R1=0	R2=2.29693086056216E-03	R3=0			
Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=8.58167061230499E-06	U2=0	U3=-
1.92571728504114E-03	R1=0	R2=9.34421060280694E-03	R3=0			



Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.36544200165232E-06	U2=0	U3=-
8.41563407640617E-03	R1=0	R2=5.2222546510255E-05	R3=0			
Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.48010782055633E-07	U2=0	U3=-
4.97217834472357E-03	R1=0	R2=3.13511934869481E-03	R3=0			
Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-3.62306396649711E-06	U2=0	U3=-
5.71772296753592E-03	R1=0	R2=2.36112409563737E-03	R3=0			
Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=9.8558422946826E-06	U2=0	U3=-
1.94812569594446E-03	R1=0	R2=9.5367583468888E-03	R3=0			
Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.16625424070491E-06	U2=0	U3=-
0.0107104681352	R1=0	R2=6.29242303301745E-05	R3=0			
Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.28631149300366E-03	U2=0	U3=-
7.76585039621352E-05	R1=0	R2=3.0821471696634E-03	R3=0			
Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=9.34477105139055E-04	U2=0	U3=-
9.59897217665305E-04	R1=0	R2=2.2468287152406E-03	R3=0			
Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=4.14370551703733E-03	U2=0	
U3=7.70869999615964E-03	R1=0	R2=9.8626879897108E-03	R3=0			
Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.04448777123077E-05	U2=0	U3=-
2.29112489242945E-03	R1=0	R2=-5.74184823730117E-05	R3=0			
Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.06670878056427E-03	U2=0	U3=-
7.9439352340407E-05	R1=0	R2=3.13507695567844E-03	R3=0			
Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=1.50431915817987E-03	U2=0	U3=-
9.6189736653622E-04	R1=0	R2=2.29542246052387E-03	R3=0			
Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=6.62975218109727E-03	U2=0	
U3=7.70801764488839E-03	R1=0	R2=9.96568651278783E-03	R3=0			
Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.24839564892975E-05	U2=0	U3=-
2.29355755297782E-03	R1=0	R2=-4.21669241795097E-05	R3=0			
Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.85694841638094E-03	U2=0	U3=-
8.11768580968479E-05	R1=0	R2=3.16623619234505E-03	R3=0			
Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.0841868108458E-03	U2=0	U3=-
9.63854172785305E-04	R1=0	R2=2.32996400311067E-03	R3=0			
Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=9.13407720988152E-03	U2=0	
U3=7.70737741928612E-03	R1=0	R2=1.00154899467646E-02	R3=0			
Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.11817689084657E-05	U2=0	U3=-
2.29594687090435E-03	R1=0	R2=-2.93398971365285E-05	R3=0			
Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.36916846874321E-03	U2=0	U3=-
5.65146365367944E-03	R1=0	R2=2.84643687626983E-03	R3=0			
Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.46306230747009E-03	U2=0	U3=-
6.60610303134647E-03	R1=0	R2=2.09827619318248E-03	R3=0			
Joint=24	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32436063900203E-02	U2=0	U3=-
1.99685435268431E-03	R1=0	R2=9.30091971278141E-03	R3=0			
Joint=24	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.14886917663651E-05	U2=0	U3=-
1.32164678278182E-02	R1=0	R2=-8.37649143753724E-05	R3=0			
Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.37207221528154E-03	U2=0	U3=-
5.83420605504535E-03	R1=0	R2=2.86968368766931E-03	R3=0			
Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.45965277171393E-03	U2=0	U3=-
6.85414610891224E-03	R1=0	R2=2.1165536292488E-03	R3=0			
Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32433862387225E-02	U2=0	U3=-
1.99111460468115E-03	R1=0	R2=9.35303440901203E-03	R3=0			
Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.47896182627623E-05	U2=0	U3=-
1.40142293361151E-02	R1=0	R2=-8.19055006875256E-05	R3=0			
Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.37497156861166E-03	U2=0	U3=-
6.01868783294467E-03	R1=0	R2=2.89932526714144E-03	R3=0			
Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=0.005456238575759	U2=0	U3=-
7.10436596009725E-03	R1=0	R2=2.14060149671624E-03	R3=0			
Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.32431605595071E-02	U2=0	U3=-
1.98576510721683E-03	R1=0	R2=9.41355326284417E-03	R3=0			
Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.80905447591595E-05	U2=0	U3=-
1.48186021022984E-02	R1=0	R2=-7.77351203217066E-05	R3=0			
Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.65223217554943E-03	U2=0	U3=-
8.28710212314581E-05	R1=0	R2=3.18050390396914E-03	R3=0			
Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.67091691858455E-03	U2=0	U3=-
9.6576763641256E-04	R1=0	R2=2.35151131589454E-03	R3=0			
Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.16440873883845E-02	U2=0	
U3=7.70677931752788E-03	R1=0	R2=1.00188117251056E-02	R3=0			
Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.69796588607602E-05	U2=0	U3=-
2.29829284620906E-03	R1=0	R2=-1.93603661516423E-05	R3=0			
Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=4.44894926173841E-03	U2=0	U3=-
8.45218417442377E-05	R1=0	R2=3.18250049482811E-03	R3=0			
Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=3.26200749301575E-03	U2=0	U3=-
9.67637757417984E-04	R1=0	R2=2.35377179926259E-03	R3=0			
Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.41489029037325E-02	U2=0	
U3=7.7062233378079E-03	R1=0	R2=9.98794526907337E-03	R3=0			
Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.00280485154708E-05	U2=0	U3=-
2.30059547889193E-03	R1=0	R2=-2.00018686388495E-05	R3=0			
Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.59307345159946E-04	U2=0	U3=-
7.51856064175904E-05	R1=0	R2=2.96701796753132E-03	R3=0			
Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=1.88020750058563E-04	U2=0	U3=-
9.57128264455689E-04	R1=0	R2=2.15397514890148E-03	R3=0			
Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=8.41752961573154E-04	U2=0	
U3=7.7096879954877E-03	R1=0	R2=9.62925274243091E-03	R3=0			
Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-7.49907150726479E-06	U2=0	U3=-
2.28777204845528E-03	R1=0	R2=-8.41924985123362E-05	R3=0			

Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.21806862183403E-04	U2=0	U3=-
7.58343129620336E-05	R1=0	R2=3.00230918996556E-03	R3=0			
Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=3.78509601362473E-04	U2=0	U3=-
9.57853726172558E-04	R1=0	R2=2.18139024908377E-03	R3=0			
Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.69005429777685E-03	U2=0	U3=-
U3=0.007709424474944	R1=0	R2=9.70077875479206E-03	R3=0			
Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.43076180500005E-05	U2=0	U3=-
2.28864888925926E-03	R1=0	R2=-7.64061520930063E-05	R3=0			
Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=6.82804619255906E-03	U2=0	U3=-
8.92142475515947E-05	R1=0	R2=3.15718828516126E-03	R3=0			
Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.04582184802687E-03	U2=0	U3=-
9.72988064703272E-04	R1=0	R2=2.35126402172358E-03	R3=0			
Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=0.021553064384575	U2=0	U3=-
U3=7.70480811310691E-03	R1=0	R2=9.74166223851461E-03	R3=0			
Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.03342387748225E-05	U2=0	U3=-
2.30724332120956E-03	R1=0	R2=5.96979390748151E-06	R3=0			
Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.10401044898069E-03	U2=0	U3=-
8.97362852837378E-05	R1=0	R2=3.15448055688362E-03	R3=0			
Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.25431269479623E-03	U2=0	U3=-
9.73586857607841E-04	R1=0	R2=2.35318367390501E-03	R3=0			
Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.24019053988909E-02	U2=0	U3=-
U3=7.70466769437814E-03	R1=0	R2=9.70589146394634E-03	R3=0			
Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.69075466713731E-05	U2=0	U3=-
2.30799349320124E-03	R1=0	R2=1.35864809714713E-05	R3=0			
Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.11920166844715E-03	U2=0	U3=-
6.01791987218286E-03	R1=0	R2=2.93126458991126E-03	R3=0			
Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.26688961104608E-03	U2=0	U3=-
7.10351491871551E-03	R1=0	R2=2.16693806144253E-03	R3=0			
Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.24182268060192E-02	U2=0	U3=-
1.98547114671992E-03	R1=0	R2=9.47743078454006E-03	R3=0			
Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.4486041539935E-05	U2=0	U3=-
1.48173674805491E-02	R1=0	R2=-7.25037176947853E-05	R3=0			
Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=6.86074083088894E-03	U2=0	U3=-
6.01714660194987E-03	R1=0	R2=2.96115528957299E-03	R3=0			
Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.07536583239246E-03	U2=0	U3=-
7.1026585678626E-03	R1=0	R2=2.19184150358242E-03	R3=0			
Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.15875273985862E-02	U2=0	U3=-
1.98517187675183E-03	R1=0	R2=9.5391518326184E-03	R3=0			
Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.14191382709863E-05	U2=0	U3=-
0.014816127398851	R1=0	R2=-6.75672589941651E-05	R3=0			
Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.62358710331384E-04	U2=0	U3=-
5.998024221019815E-03	R1=0	R2=3.21411149836145E-03	R3=0			
Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=4.13874244470242E-04	U2=0	U3=-
7.08163719051258E-03	R1=0	R2=2.38854640618051E-03	R3=0			
Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.74206843935157E-03	U2=0	U3=-
1.97688377676934E-03	R1=0	R2=9.9089054451089E-03	R3=0			
Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.59772451144485E-06	U2=0	U3=-
1.47862941723386E-02	R1=0	R2=1.30768638619986E-05	R3=0			
Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.81049632031216E-04	U2=0	U3=-
5.99712427115286E-03	R1=0	R2=3.21345622225023E-03	R3=0			
Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.0492981136349E-04	U2=0	U3=-
7.08065417084737E-03	R1=0	R2=2.39340011669061E-03	R3=0			
Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=8.75252027737984E-04	U2=0	U3=-
1.97645783798895E-03	R1=0	R2=9.87103756379195E-03	R3=0			
Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.59956402115586E-06	U2=0	U3=-
1.47849238543292E-02	R1=0	R2=2.33539140225675E-05	R3=0			
Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.24461165218232E-03	U2=0	U3=-
8.61293196351872E-05	R1=0	R2=3.1765877491709E-03	R3=0			
Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=3.85559305301609E-03	U2=0	U3=-
9.69464535801577E-04	R1=0	R2=2.35193601514451E-03	R3=0			
Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.66395468718134E-02	U2=0	U3=-
U3=7.70570947833957E-03	R1=0	R2=9.92550490227362E-03	R3=0			
Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.02110872351198E-05	U2=0	U3=-
2.30285476895297E-03	R1=0	R2=-1.75547804695951E-05	R3=0			
Joint=38	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=6.03778944267431E-03	U2=0	U3=-
8.76934549043066E-05	R1=0	R2=3.16686883121795E-03	R3=0			
Joint=38	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=4.45041997580443E-03	U2=0	U3=-
9.7124797156334E-04	R1=0	R2=2.34989071286582E-03	R3=0			
Joint=38	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.91091348565538E-02	U2=0	U3=-
U3=7.70523773735538E-03	R1=0	R2=9.84024090735461E-03	R3=0			
Joint=38	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.71713004903515E-05	U2=0	U3=-
2.30507071639218E-03	R1=0	R2=-9.61329011946341E-06	R3=0			
Joint=39	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.36637484386927E-03	U2=0	U3=-
6.00056620834353E-03	R1=0	R2=3.21365769723426E-03	R3=0			
Joint=39	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=1.00916809223281E-03	U2=0	U3=-
7.08441656185774E-03	R1=0	R2=2.37812080621903E-03	R3=0			
Joint=39	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=4.2347356995398E-03	U2=0	U3=-
1.97807148844356E-03	R1=0	R2=9.99219479504572E-03	R3=0			
Joint=39	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.50579138750122E-06	U2=0	U3=-
1.47901792910512E-02	R1=0	R2=-7.38418805044555E-06	R3=0			
Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.16991793013356E-03	U2=0	U3=-
6.00306486386707E-03	R1=0	R2=3.20803928890648E-03	R3=0			



Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=1.60261156487499E-03	U2=0	U3=-
7.08715259058108E-03	R1=0	R2=2.36993011874202E-03	R3=0			
Joint=40	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=6.74362989232686E-03	U2=0	U3=-
1.97921585749594E-03	R1=0	R2=1.00368387016089E-02	R3=0			
Joint=40	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-9.76202152108465E-06	U2=0	U3=-
1.47940198518619E-02	R1=0	R2=-1.75217286736233E-05	R3=0			
Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.97141808576837E-03	U2=0	U3=-
6.00552017676878E-03	R1=0	R2=3.19519226874364E-03	R3=0			
Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.19429881966849E-03	U2=0	U3=-
7.08984527668257E-03	R1=0	R2=2.36053405211114E-03	R3=0			
Joint=41	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=9.25877111073334E-03	U2=0	U3=-
1.9803168839265E-03	R1=0	R2=0.010041672216333	R3=0			
Joint=41	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.52501079392912E-05	U2=0	U3=-
1.47978158529264E-02	R1=0	R2=-2.07760496458701E-05	R3=0			
Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.76880883244026E-03	U2=0	U3=-
6.00793214704866E-03	R1=0	R2=3.17320788155949E-03	R3=0			
Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.78349626847899E-03	U2=0	U3=-
7.09249462016224E-03	R1=0	R2=2.34675093471654E-03	R3=0			
Joint=42	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.17700478264646E-02	U2=0	U3=-
1.98137456773523E-03	R1=0	R2=1.00070454360791E-02	R3=0			
Joint=42	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.06814890752409E-05	U2=0	U3=-
1.48015672924198E-02	R1=0	R2=-2.19647722010212E-05	R3=0			
Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=4.55956590920023E-03	U2=0	U3=-
6.01030077470671E-03	R1=0	R2=3.14033262161601E-03	R3=0			
Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=3.36870723277326E-03	U2=0	U3=-
7.09510062102008E-03	R1=0	R2=2.32565771497683E-03	R3=0			
Joint=43	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.42675357339522E-02	U2=0	U3=-
1.98238890892213E-03	R1=0	R2=9.9394056809497E-03	R3=0			
Joint=43	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.55306937609576E-05	U2=0	U3=-
1.48052741685361E-02	R1=0	R2=-3.28988743913147E-05	R3=0			
Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.34074608484581E-03	U2=0	U3=-
6.01262605974293E-03	R1=0	R2=3.09496823262342E-03	R3=0			
Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=3.9477365986263E-03	U2=0	U3=-
7.09766327925608E-03	R1=0	R2=2.29458996133913E-03	R3=0			
Joint=44	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.67418165862404E-02	U2=0	U3=-
1.98335990748719E-03	R1=0	R2=9.83603840911968E-03	R3=0			
Joint=44	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.99706862202489E-05	U2=0	U3=-
1.48089364794886E-02	R1=0	R2=-4.35489570383759E-05	R3=0			
Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=6.10902597028313E-03	U2=0	U3=-
6.01490800215731E-03	R1=0	R2=3.03567170774019E-03	R3=0			
Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=4.51775547172844E-03	U2=0	U3=-
7.10018259487026E-03	R1=0	R2=2.25114186227902E-03	R3=0			
Joint=45	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.91842970237674E-02	U2=0	U3=-
1.98428756343043E-03	R1=0	R2=9.70088227332264E-03	R3=0			
Joint=45	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.48082110615866E-05	U2=0	U3=-
1.48125542235097E-02	R1=0	R2=-5.48322178799358E-05	R3=0			
Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=4.09025659429027E-07	U2=0	U3=-
5.78388930475145E-03	R1=0	R2=3.20778341009612E-03	R3=0			
Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-4.25827648010375E-06	U2=0	U3=-
6.7963113777908E-03	R1=0	R2=2.40192807094596E-03	R3=0			
Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.15732240131851E-05	U2=0	U3=-
1.97128156934768E-03	R1=0	R2=0.009779956258324	R3=0			
Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-7.2473507634259E-06	U2=0	U3=-
1.39308132793341E-02	R1=0	R2=4.69446766335242E-05	R3=0			
Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.93206987517407E-07	U2=0	U3=-
5.57189227585841E-03	R1=0	R2=3.19606714307185E-03	R3=0			
Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-4.09359175435388E-06	U2=0	U3=-
6.51402371553707E-03	R1=0	R2=2.39822318153817E-03	R3=0			
Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.11282802952609E-05	U2=0	U3=-
1.96577117137736E-03	R1=0	R2=9.7228575302482E-03	R3=0			
Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.9670664797575E-06	U2=0	U3=-
1.30846289714463E-02	R1=0	R2=5.50587485833049E-05	R3=0			
Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.16373438232393E-08	U2=0	U3=-
5.62696826194904E-04	R1=0	R2=2.85628762666572E-03	R3=0			
Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-3.29369451499737E-07	U2=0	U3=-
1.33330494818445E-03	R1=0	R2=2.07292380746164E-03	R3=0			
Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=9.00233186473788E-07	U2=0	U3=-
U3=6.07339851470618E-03	R1=0	R2=9.39078452982711E-03	R3=0			
Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.6056856733681E-07	U2=0	U3=-
2.51810849154643E-03	R1=0	R2=-1.0360847597822E-04	R3=0			

TABLE: "JOINT REACTIONS"

Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-51.0088007602339	F2=0	
F3=2.34078286477257	M1=0	M2=0	M3=0			
Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-79.6664508166457	F2=0	
F3=0.182416067508829	M1=0	M2=0	M3=0			
Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=2.15449332589015E-12	F2=0	
F3=5.59716302579588	M1=0	M2=0	M3=0			
Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-208.938499927075	F2=0	F3=-
18.8701189668607	M1=0	M2=0	M3=0			
Joint=2	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=3.11141591782293
M2=0	M3=0					

Joint=2 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=0.869093370713923	M1=0		
Joint=2 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=6.52546219913937	M1=0		
Joint=2 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=-18.6993366478936	M1=0		
Joint=10 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=14.4174858155687	M1=0		
Joint=10 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=9.63924477892218	M1=0		
Joint=10 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=22.0097103421372	M1=0		
Joint=10 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=-29.397117139854	M1=0		
Joint=11 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=18.525439526888	M1=0		
Joint=11 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=14.8279656669377	M1=0		
Joint=11 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=24.5609622376188	M1=0		
Joint=11 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=-12.2455283174857	M1=0		
Joint=12 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=22.6794812134623	M1=0		
Joint=12 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=20.0355712155255	M1=0		
Joint=12 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=27.1924722923204	M1=0		
Joint=12 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=4.26755722879559	M1=0		
Joint=13 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=17.3274821475876	M1=0		
Joint=13 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=14.6757460579026	M1=0		
Joint=13 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=36.1827339216033	M1=0		
Joint=13 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=4.83632507838227	M1=0		
Joint=14 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=17 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=26.9319137038902	M1=0		
Joint=17 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=25.3034447990957	M1=0		
Joint=17 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=32.6408988351411	M1=0		
Joint=17 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=14.7577910828682	M1=0		
Joint=18 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=32.5316990792615	M1=0		
Joint=18 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=29.5410144244819	M1=0		
Joint=18 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=48.2826327273983	M1=0		
Joint=18 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=14.8008949075399	M1=0		
Joint=19 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=38.3271791126645	M1=0		
Joint=19 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=33.956834689586	M1=0		
Joint=19 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=65.2211640921478	M1=0		
Joint=19 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=14.9243089590689	M1=0		
Joint=20 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=44.3123529984034	M1=0		
Joint=20 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=38.5343821716077	M1=0		
Joint=20 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=83.0061280478003	M1=0		
Joint=20 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=15.0979741435696	M1=0		
Joint=26 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=26 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=26 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=26 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=58 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=18.451985390702	M1=0		
Joint=58 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=15.7032594624002	M1=0		



Joint=58 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=37.8221580533922	M1=0
Joint=58 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=5.35202946077894	M1=0
Joint=59 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=34.0846290915477	M1=0
Joint=59 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=29.1549263334291	M1=0
Joint=59 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=68.465321093093	M1=0
Joint=59 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=10.285897654232	M1=0
Joint=60 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=6.97651814137513	M1=0
Joint=60 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=2.94431114306483	M1=0
Joint=60 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=13.1760026820167	M1=0
Joint=60 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=-31.7790577282001	M1=0

TABLE: "ASSEMBLED JOINT MASSES"

Joint=1	U1=7.35214403271676E-02	U2=7.35214403271676E-02	U3=7.35214403271676E-02	R1=0	R2=0	R3=0
Joint=2	U1=7.35214403271675E-02	U2=7.35214403271675E-02	U3=7.35214403271675E-02	R1=0	R2=0	R3=0
Joint=3	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=4	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=5	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=6	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=7	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=8	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=9	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=10	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=11	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=12	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=13	U1=7.35214403271676E-02	U2=7.35214403271676E-02	U3=7.35214403271676E-02	R1=0	R2=0	R3=0
Joint=14	U1=7.35214403271673E-02	U2=7.35214403271673E-02	U3=7.35214403271673E-02	R1=0	R2=0	R3=0
Joint=15	U1=7.35214403271675E-02	U2=7.35214403271675E-02	U3=7.35214403271675E-02	R1=0	R2=0	R3=0
Joint=16	U1=0.141791349202394	U2=0.141791349202394	U3=0.141791349202394	R1=0	R2=0	R3=0
Joint=17	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=18	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=19	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=20	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=21	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=22	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=23	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=24	U1=0.141791349202394	U2=0.141791349202394	U3=0.141791349202394	R1=0	R2=0	R3=0
Joint=25	U1=7.35214403271675E-02	U2=7.35214403271675E-02	U3=7.35214403271675E-02	R1=0	R2=0	R3=0
Joint=26	U1=7.35214403271673E-02	U2=7.35214403271673E-02	U3=7.35214403271673E-02	R1=0	R2=0	R3=0
Joint=27	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=28	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=29	U1=7.35214403271675E-02	U2=7.35214403271675E-02	U3=7.35214403271675E-02	R1=0	R2=0	R3=0
Joint=30	U1=0.141791349202394	U2=0.141791349202394	U3=0.141791349202394	R1=0	R2=0	R3=0
Joint=31	U1=0.141791349202395	U2=0.141791349202395	U3=0.141791349202395	R1=0	R2=0	R3=0
Joint=32	U1=7.35214403271674E-02	U2=7.35214403271674E-02	U3=7.35214403271674E-02	R1=0	R2=0	R3=0
Joint=33	U1=7.35214403271674E-02	U2=7.35214403271674E-02	U3=7.35214403271674E-02	R1=0	R2=0	R3=0
Joint=34	U1=0.141791349202395	U2=0.141791349202395	U3=0.141791349202395	R1=0	R2=0	R3=0
Joint=35	U1=0.141791349202394	U2=0.141791349202394	U3=0.141791349202394	R1=0	R2=0	R3=0
Joint=36	U1=7.35214403271675E-02	U2=7.35214403271675E-02	U3=7.35214403271675E-02	R1=0	R2=0	R3=0
Joint=37	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=38	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=39	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=40	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=41	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=42	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=43	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=44	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=45	U1=0.210061258077621	U2=0.210061258077621	U3=0.210061258077621	R1=0	R2=0	R3=0
Joint=58	U1=7.35214403271675E-02	U2=7.35214403271675E-02	U3=7.35214403271675E-02	R1=0	R2=0	R3=0
Joint=59	U1=0.141791349202394	U2=0.141791349202394	U3=0.141791349202394	R1=0	R2=0	R3=0
Joint=60	U1=0.141791349202394	U2=0.141791349202394	U3=0.141791349202394	R1=0	R2=0	R3=0

TABLE: "ELEMENT FORCES - FRAMES"

Frame=1	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	P=-6.49154968817198	V2=-67.3613302889516	V3=0	T=0	M2=0	M3=3.53779595298969	S11Max=222.199475733366	PtS11Max=3	x2S11Max=0.175	x3S11Max=-0.5
					S11Min=-18.5472848233485	PtS11Min=0	x2S11Min=0	x3S11Min=0	FrameElem=1	ElemStation=0				
Frame=1	Station=8.7500000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	P=-7.12504969761187	V2=-60.8501052385395	V3=0	T=0	M2=0	M3=9.14704625731743	S11Max=402.304754323362	PtS11Max=1	x2S11Max=-0.175	x3S11Max=-0.5
					S11Min=-96.5108222795617	PtS11Min=3	x2S11Min=0.175	x3S11Min=-0.5	FrameElem=1	ElemStation=8.7500000000001E-02				



Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-24.5031406617866 V2=-77.4454153922674 V3=0 T=0 M2=0 M3=-5.96592250149376 S11Max=-70.0089733193904 PtS11Max=0 x2S11Max=0 x3S11Max=0
 S11Min=-362.217422372146 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=1 ElemStation=0
 Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-25.1366406712265 V2=-70.441390334512 V3=0 T=0 M2=0 M3=0.504125249052838 S11Max=-47.1271244131613 PtS11Max=1
 x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-493.732430066917 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
 FrameElem=1 ElemStation=8.75000000000001E-02
 Frame=1 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-1.6309822372594 V2=-7.14191616076727 V3=0 T=0 M2=0 M3=55.6735915328111 S11Max=2692.55407372797 PtS11Max=1 x2S11Max=-0.175 x3S11Max=-0.5
 S11Min=-4.65994924931257 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=1 ElemStation=0
 Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max P=-2.39671006247576 V2=-2.2753223926724 V3=0 T=0 M2=0 M3=56.7398529846027 S11Max=2743.35857866589 PtS11Max=1
 x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-6.84774303564502 PtS11Min=0 x2S11Min=0 x3S11Min=0
 FrameElem=1 ElemStation=8.75000000000001E-02
 Frame=1 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434379 V2=-97.3362586754821 V3=0 T=0 M2=0 M3=-17.3301083520535 S11Max=-100.660502409823 PtS11Max=0 x2S11Max=0 x3S11Max=0
 S11Min=-2761.30931310071 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=1 ElemStation=0
 Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434379 V2=-89.3632586754821 V3=0 T=0 M2=0 M3=-10.4531797929488 S11Max=-100.660502409823 PtS11Max=0 x2S11Max=0
 x3S11Max=0 S11Min=-2814.87925943294 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=1
 ElemStation=8.75000000000001E-02
 Frame=2 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-7.12504969760749 V2=-60.8501052385535 V3=0 T=0 M2=0 M3=9.14704625731862 S11Max=402.30475432363 PtS11Max=1 x2S11Max=-0.175 x3S11Max=-0.5
 S11Min=-96.5108222794707 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=2 ElemStation=0
 Frame=2 Station=8.74999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-7.75854970704737 V2=-54.3388801881413 V3=0 T=0 M2=0 M3=14.2479457966245 S11Max=647.21829449508 PtS11Max=1
 x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-377.732704256876 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
 FrameElem=2 ElemStation=8.74999999999999E-02
 Frame=2 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-25.1366406712244 V2=-70.4413903345376 V3=0 T=0 M2=0 M3=0.504125249051108 S11Max=-47.1271244132396 PtS11Max=1 x2S11Max=-0.175
 x3S11Max=-0.5 S11Min=-493.732430066766 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=2
 ElemStation=0
 Frame=2 Station=8.74999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-25.7701406806643 V2=-63.4373652767823 V3=0 T=0 M2=0 M3=6.29993938015875 S11Max=237.945923298331 PtS11Max=1
 x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-749.957136083565 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
 FrameElem=2 ElemStation=8.74999999999999E-02
 Frame=2 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-2.39671006241569 V2=-2.27532239260143 V3=0 T=0 M2=0 M3=56.7398529846072 S11Max=2743.35857866603 PtS11Max=1 x2S11Max=-0.175 x3S11Max=-0.5
 S11Min=-6.84774303547342 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=2 ElemStation=0
 Frame=2 Station=8.74999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max P=-3.06871007242928 V2=2.61910677707857 V3=0 T=0 M2=0 M3=57.4653910645715 S11Max=2777.06824991985 PtS11Max=1
 x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-8.76774306408364 PtS11Min=0 x2S11Min=0 x3S11Min=0
 FrameElem=2 ElemStation=8.74999999999999E-02
 Frame=2 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434396 V2=-89.3632586755495 V3=0 T=0 M2=0 M3=-10.4531797929506 S11Max=-100.660502409827 PtS11Max=0 x2S11Max=0 x3S11Max=0
 S11Min=-2814.87925943324 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=2 ElemStation=0
 Frame=2 Station=8.74999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434396 V2=-81.3902586755495 V3=0 T=0 M2=0 M3=-7.18819932419838 S11Max=-100.660502409827 PtS11Max=0 x2S11Max=0
 x3S11Max=0 S11Min=-2852.20012721876 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=2
 ElemStation=8.74999999999999E-02
 Frame=4 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-22.2385499228376 V2=100.577185370066 V3=0 T=0 M2=0 M3=-20.7952014124293 S11Max=1355.01663434099 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-1082.07919140873 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=4 ElemStation=0
 Frame=4 Station=8.74999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-22.8720499322775 V2=107.581210427822 V3=0 T=0 M2=0 M3=-29.5589081624997 S11Max=1799.26033959516 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-1513.13197103098 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=4 ElemStation=8.74999999999999E-02
 Frame=4 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-40.2501408964568 V2=90.5665716374089 V3=0 T=0 M2=0 M3=-29.7178478815797 S11Max=955.001763278227 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-1556.1194846709 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=4 ElemStation=0
 Frame=4 Station=8.74999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-40.8836409058967 V2=97.077796687821 V3=0 T=0 M2=0 M3=-38.8247776977363 S11Max=1382.43454284654 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-2003.98318997901 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=4 ElemStation=8.74999999999999E-02



Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489456889
 V2=157.649106776947 V3=0 T=0 M2=0 M3=-1.12745077708598 S11Max=3397.00850693782 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-73.0233785764488 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=4 ElemStation=0
 Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max P=-
 6.23045489456889 V2=166.319802607267 V3=0 T=0 M2=0 M3=-4.39243124583417 S11Max=4053.23155135518
 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-232.940789290646 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=4 ElemStation=8.749999999999999E-02
 Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-44.25216435535
 V2=35.74999999999771 V3=0 T=0 M2=0 M3=-71.173528823338 S11Max=37.4207791789123 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-3575.09788686466 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=4 ElemStation=0
 Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
 45.04403935535 V2=38.8781249999771 V3=0 T=0 M2=0 M3=-84.6077924207506 S11Max=197.338189893109
 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-4234.92710883791 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=4
 ElemStation=8.749999999999999E-02
 Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-22.8720499321841
 V2=107.581210427672 V3=0 T=0 M2=0 M3=-29.5589081624957 S11Max=1799.26033959519 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-1513.13197103052 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=5 ElemStation=0
 Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-
 23.5055499416239 V2=114.585235485428 V3=0 T=0 M2=0 M3=-38.9354671051076 S11Max=2273.52129509628
 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-1974.2020008997 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=5 ElemStation=8.75000000000001E-02
 Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-40.8836409057965
 V2=97.0777966877416 V3=0 T=0 M2=0 M3=-38.8247776977311 S11Max=1382.43454284661 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-2003.98318997847 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=5 ElemStation=0
 Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-
 41.5171409152364 V2=103.589021738154 V3=0 T=0 M2=0 M3=-48.5445597064291 S11Max=1839.88457266185
 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-2481.86414553351 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=5 ElemStation=8.75000000000001E-02
 Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457202
 V2=166.319802607161 V3=0 T=0 M2=0 M3=-4.39243124583389 S11Max=4053.23155135748 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-232.940789290641 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=5 ElemStation=0
 Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max P=-
 6.23045489457202 V2=175.018333839066 V3=0 T=0 M2=0 M3=-7.93112265207916 S11Max=4751.38611522259
 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-406.264450004695 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=5 ElemStation=8.75000000000001E-02
 Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-45.0440393552257
 V2=38.87812499999437 V3=0 T=0 M2=0 M3=-84.6077924207449 S11Max=197.338189893087 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-4234.92710883504 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=5 ElemStation=0
 Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
 45.8359143552257 V2=42.0062499999437 V3=0 T=0 M2=0 M3=-98.8891640182639 S11Max=370.661850607141
 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-4935.83989404711 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=5 ElemStation=8.75000000000001E-02
 Frame=6 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-7.75854970709077 V2=-
 54.3388801881143 V3=0 T=0 M2=0 M3=14.2479457966239 S11Max=647.218294494838 PtS11Max=1 x2S11Max=-0.175
 -
 x3S11Max=-0.5 S11Min=-377.732704256985 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=6
 ElemStation=0
 Frame=6 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-9.56854973406188 V2=-
 35.7353800440796 V3=0 T=0 M2=0 M3=26.6252122635065 S11Max=1246.8220341313 PtS11Max=1 x2S11Max=-0.175
 x3S11Max=-0.5 S11Min=-982.724697516 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=6
 ElemStation=0.25
 Frame=6 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-25.7701406807066 V2=-
 63.4373652767545 V3=0 T=0 M2=0 M3=6.29993938015845 S11Max=237.945923298181 PtS11Max=1 x2S11Max=-0.175
 -
 x3S11Max=-0.5 S11Min=-749.95713608374 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=6
 ElemStation=0
 Frame=6 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-27.5801407076777 V2=-
 43.4258651117391 V3=0 T=0 M2=0 M3=18.5398592408611 S11Max=833.424779139778 PtS11Max=1 x2S11Max=-0.175
 -
 x3S11Max=-0.5 S11Min=-1361.36202433464 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=6
 ElemStation=0.25
 Frame=6 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-3.06871007246699
 V2=2.6191067770979 V3=0 T=0 M2=0 M3=57.465391064567 S11Max=2777.06824991873 PtS11Max=1 x2S11Max=-0.175
 x3S11Max=-0.5
 S11Min=-8.76774306419139 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=6 ElemStation=0
 Frame=6 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-4.98871010107722
 V2=16.8132493602003 V3=0 T=0 M2=0 M3=59.8728527272578 S11Max=2887.81756987939 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-100.223633540064 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=6
 ElemStation=0.25

Frame=6 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434681 V2=-
81.3902586754914 V3=0 T=0 M2=0 M3=-7.18819932419839 S11Max=-100.660502409909 PtS11Max=0 x2S11Max=0
x3S11Max=0
S11Min=-2852.20012721945 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=6 ElemStation=0

Frame=6 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434681 V2=-
58.6102586754914 V3=0 T=0 M2=0 M3=0.632113175798718 S11Max=-38.3023428495777 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-2977.38160241129 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=6
ElemStation=0.25

Frame=7 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-9.56854973404613 V2=-
35.7353800440902 V3=0 T=0 M2=0 M3=26.6252122635059 S11Max=1246.82203413136 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-982.724697516037 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7
ElemStation=0

Frame=7 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-11.3785497610172 V2=-
17.1318799000556 V3=0 T=0 M2=0 M3=34.1350019100359 S11Max=1639.40831872538 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-1359.91872982779 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7
ElemStation=0.25

Frame=7 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-27.5801407076622 V2=-
43.4258651117505 V3=0 T=0 M2=0 M3=18.5398592408608 S11Max=833.424779139719 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-1361.36202433453 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7
ElemStation=0

Frame=7 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-29.3901407346333 V2=-
23.414364946735 V3=0 T=0 M2=0 M3=26.128904065557 S11Max=1199.64738271656 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-1727.72813505483 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7
ElemStation=0.25

Frame=7 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-4.98871010108689
V2=16.8132493601611 V3=0 T=0 M2=0 M3=59.8728527272613 S11Max=2887.8175698789 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-100.223633540039 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7 ElemStation=0

Frame=7 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457038
V2=31.5020051208526 V3=0 T=0 M2=0 M3=58.9431081563653 S11Max=2833.0425687283 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-373.820572315519 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7
ElemStation=0.25

Frame=7 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434373 V2=-
58.6102586755016 V3=0 T=0 M2=0 M3=0.632113175798265 S11Max=-38.3023428495971 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-2977.38160241213 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7
ElemStation=0

Frame=7 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434373 V2=-
35.8302586755016 V3=0 T=0 M2=0 M3=6.21805067579764 S11Max=235.294595925882 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-2941.19261129957 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=7
ElemStation=0.25

Frame=8 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-11.3785497610499 V2=-
17.1318799000445 V3=0 T=0 M2=0 M3=34.1350019100359 S11Max=1639.40831872529 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-1359.91872982792 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8
ElemStation=0

Frame=8 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-13.188549788021
V2=1.47162024399013 V3=0 T=0 M2=0 M3=37.4871556260878 S11Max=1798.42401086302 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-1509.31480119219 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8
ElemStation=0.25

Frame=8 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-29.3901407346658 V2=-
23.4143649467174 V3=0 T=0 M2=0 M3=26.1289040655585 S11Max=1199.64738271658 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-1727.72813505495 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8
ElemStation=0

Frame=8 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-31.2001407616369 V2=-
3.40286478170196 V3=0 T=0 M2=0 M3=29.0670738542434 S11Max=1338.07202534594 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-1873.78715250885 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8
ElemStation=0.25

Frame=8 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457044
V2=31.5020051208677 V3=0 T=0 M2=0 M3=58.9431081563632 S11Max=2833.04256872859 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-373.820572315575 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8 ElemStation=0

Frame=8 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457044
V2=47.0773730252044 V3=0 T=0 M2=0 M3=53.553272389939 S11Max=2562.34432158575 PtS11Max=1 x2S11Max=-
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x3S11Max=-0.5 S11Min=-537.978735580739 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8
ElemStation=0.25

Frame=8 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434373 V2=-
35.8302586754828 V3=0 T=0 M2=0 M3=6.21805067579879 S11Max=235.294595925939 PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5
S11Min=-2941.19261129908 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8 ElemStation=0



Frame=8 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434373 V2=-
 13.0502586754828 V3=0 T=0 M2=0 M3=9.56961317579588 S11Max=399.452759191103 PtS11Max=1 x2S11Max=-0.175
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 x3S11Max=-0.5 S11Min=-2683.78236235464 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=8
 ElemStation=0.25
 Frame=9 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-13.188549788007
 V2=1.47162024397869 V3=0 T=0 M2=0 M3=37.4871556260902 S11Max=1798.42401086317 PtS11Max=1 x2S11Max=-
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 S11Min=-1509.31480119222 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9 ElemStation=0
 Frame=9 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-14.9985498149781
 V2=20.5311847100235 V3=0 T=0 M2=0 M3=35.8364343008889 S11Max=1712.40092547013 PtS11Max=1 x2S11Max=-
 0.175 -
 x3S11Max=-0.5 S11Min=-1430.91291160927 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9
 ElemStation=0.25
 Frame=9 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-31.200140761623 V2=-
 3.40286478170481 V3=0 T=0 M2=0 M3=29.0670738542442 S11Max=1338.07202534599 PtS11Max=1 x2S11Max=-0.175
 x3S11Max=-0.5
 S11Min=-1873.78715250893 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9 ElemStation=0
 Frame=9 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-33.0101407885941
 V2=16.1525710613005 V3=0 T=0 M2=0 M3=27.3543686069234 S11Max=1248.69870702812 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-1798.10692441287 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9
 ElemStation=0.25
 Frame=9 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457042
 V2=47.0773730252012 V3=0 T=0 M2=0 M3=53.5532723899389 S11Max=2562.34432158607 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-537.97873558076 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9 ElemStation=0
 Frame=9 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457042
 V2=64.0906951891324 V3=0 T=0 M2=0 M3=43.0485726379972 S11Max=2045.50682831525 PtS11Max=1 x2S11Max=-
 0.175 -
 x3S11Max=-0.5 S11Min=-592.698123335833 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9
 ElemStation=0.25
 Frame=9 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434664 V2=-
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 x3S11Max=-0.5
 S11Min=-2683.78236235431 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9 ElemStation=0
 Frame=9 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434664
 V2=2.41300309100016E-12 V3=0 T=0 M2=0 M3=10.6868006757957 S11Max=454.172146946196 PtS11Max=1
 x2S11Max=-0.175
 x3S11Max=-0.5 S11Min=-2171.49622628281 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=9
 ElemStation=0.25
 Frame=10 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-14.9985498149874
 V2=20.5311847100003 V3=0 T=0 M2=0 M3=35.8364343008892 S11Max=1712.40092547012 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-1430.91291160926 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=10
 ElemStation=0
 Frame=10 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-16.8085498419585
 V2=40.5426848750157 V3=0 T=0 M2=0 M3=29.1828379344399 S11Max=1381.33906254656 PtS11Max=1 x2S11Max=-
 0.175 -
 x3S11Max=-0.5 S11Min=-1114.18314031931 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=10
 ElemStation=0.25
 Frame=10 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-33.0101407886034
 V2=16.1525710612991 V3=0 T=0 M2=0 M3=27.3543686069236 S11Max=1248.69870702815 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-1798.1069244129 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=10
 ElemStation=0
 Frame=10 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-34.8201408155744
 V2=34.7560712053338 V3=0 T=0 M2=0 M3=20.9907883235945 S11Max=931.527427762937 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-1477.38791878633 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=10
 ElemStation=0.25
 Frame=10 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457044
 V2=64.0906951891225 V3=0 T=0 M2=0 M3=43.0485726379947 S11Max=2045.50682831446 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-592.698123335821 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=10 ElemStation=0
 Frame=10 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457044
 V2=85.8348730251909 V3=0 T=0 M2=0 M3=35.2947345509844 S11Max=1679.52287837934 PtS11Max=1 x2S11Max=-
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 ElemStation=0.25
 Frame=10 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-35.2311758434372 V2=-
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 ElemStation=0
 Frame=10 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-37.4646643553891
 V2=8.93749999999892 V3=0 T=0 M2=0 M3=5.35887365713404 S11Max=196.469315402452 PtS11Max=1 x2S11Max=-
 0.175 -
 x3S11Max=-0.5 S11Min=-1777.92050620689 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=10
 ElemStation=0.25



Frame=11 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-16.8085498419445
 V2=40.5426848750159 V3=0 T=0 M2=0 M3=29.1828379344393 S11Max=1381.33906254657 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-1114.18314031913 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=11
 ElemStation=0
 Frame=11 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-18.6185498689156
 V2=60.5541850400313 V3=0 T=0 M2=0 M3=17.5263665267361 S11Max=805.238422092212 PtS11Max=1 x2S11Max=-
 0.175 _
 x3S11Max=-0.5 S11Min=-532.154112596252 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=11
 ElemStation=0.25
 Frame=11 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-34.8201408155605
 V2=34.7560712053161 V3=0 T=0 M2=0 M3=20.9907883235938 S11Max=931.527427763048 PtS11Max=1 x2S11Max=-
 0.175 _
 x3S11Max=-0.5 S11Min=-1477.38791878625 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=11
 ElemStation=0
 Frame=11 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-36.6301408425317
 V2=53.3595713493507 V3=0 T=0 M2=0 M3=9.07570974558183 S11Max=356.895005338294 PtS11Max=1 x2S11Max=-
 0.175 _
 x3S11Max=-0.5 S11Min=-911.630135628872 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=11
 ElemStation=0.25
 Frame=11 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457038
 V2=85.8348730251674 V3=0 T=0 M2=0 M3=35.2947345509838 S11Max=1679.52287837922 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-328.394026573255 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=11 ElemStation=0
 Frame=11 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457038
 V2=109.017005120831 V3=0 T=0 M2=0 M3=24.3197992198607 S11Max=1141.97502542626 PtS11Max=1 x2S11Max=-
 0.175 _
 x3S11Max=-0.5 S11Min=-17.8012996987725 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=11
 ElemStation=0.25
 Frame=11 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-37.4646643553717
 V2=8.93749999998997 V3=0 T=0 M2=0 M3=5.35887365713444 S11Max=196.469315402528 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-1777.92050620694 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=11 ElemStation=0
 Frame=11 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-39.7271643553717
 V2=17.8749999999999 V3=0 T=0 M2=0 M3=-14.539126355653 S11Max=-113.506183872491 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1240.37265325397 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=11 ElemStation=0.25
 Frame=12 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-18.618549868855
 V2=60.5541850400296 V3=0 T=0 M2=0 M3=17.5263665267359 S11Max=805.238422092377 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-532.154112596452 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=12 ElemStation=0
 Frame=12 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-20.4285498958261
 V2=80.565685205045 V3=0 T=0 M2=0 M3=0.867020077779171 S11Max=277.672876073944 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-58.3672854166459 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=12
 ElemStation=0.25
 Frame=12 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-36.6301408424713
 V2=53.3595713493637 V3=0 T=0 M2=0 M3=9.07570974558294 S11Max=356.895005338204 PtS11Max=1 x2S11Max=-
 0.175 _
 x3S11Max=-0.5 S11Min=-911.630135628691 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=12
 ElemStation=0
 Frame=12 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-38.4401408694424
 V2=71.9630714933983 V3=0 T=0 M2=0 M3=-7.57025794143991 S11Max=-100.833574940524 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-463.903412067108 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=12
 ElemStation=0.25
 Frame=12 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457026
 V2=109.017005120838 V3=0 T=0 M2=0 M3=24.3197992198606 S11Max=1141.97502542642 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-17.8012996987722 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=12 ElemStation=0
 Frame=12 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457026
 V2=133.085749360146 V3=0 T=0 M2=0 M3=8.42627145690156 S11Max=1861.40229562214 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-17.8012996987722 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=12
 ElemStation=0.25
 Frame=12 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-39.7271643552962
 V2=17.8749999999999 V3=0 T=0 M2=0 M3=-14.5391263556557 S11Max=-113.506183872275 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1240.3726532538 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=12 ElemStation=0
 Frame=12 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-41.9896643552962
 V2=26.8124999999999 V3=0 T=0 M2=0 M3=-39.6730827493444 S11Max=-119.970469586561 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2025.04433230563 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=12 ElemStation=0.25
 Frame=13 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-20.4285498958822
 V2=80.5656852050508 V3=0 T=0 M2=0 M3=0.867020077780778 S11Max=277.672876074117 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-58.3672854168062 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=13
 ElemStation=0
 Frame=13 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-22.2385499228533
 V2=100.577185370066 V3=0 T=0 M2=0 M3=-20.7952014124303 S11Max=1355.01663434102 PtS11Max=3
 x2S11Max=0.175 _

x3S11Max=-0.5 S11Min=-1082.07919140882 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=13
ElemStation=0.25
Frame=13 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-38.440140869498
V2=71.9630714933958 V3=0 T=0 M2=0 M3=-7.57025794143773 S11Max=-100.833574940763 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-463.903412066721 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=13
ElemStation=0
Frame=13 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-40.2501408964691
V2=90.5665716374304 V3=0 T=0 M2=0 M3=-29.7178478815802 S11Max=955.001763278231 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1556.11948467092 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=13
ElemStation=0.25
Frame=13 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457056
V2=133.085749360153 V3=0 T=0 M2=0 M3=8.42627145690281 S11Max=1861.40229562234 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-17.801299698773 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=13 ElemStation=0
Frame=13 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-6.23045489457056
V2=157.649106777051 V3=0 T=0 M2=0 M3=-1.12745077708576 S11Max=3397.0085069384 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-73.0233785764428 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=13
ElemStation=0.25
Frame=13 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-41.9896643553658
V2=26.81249999999999 V3=0 T=0 M2=0 M3=-39.6730827493402 S11Max=-119.97046958676 PtS11Max=0 x2S11Max=0
x3S11Max=0
S11Min=-2025.04433230502 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=13 ElemStation=0
Frame=13 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-44.2521643553658
V2=35.74999999999999 V3=0 T=0 M2=0 M3=-71.173528823336 S11Max=37.4207791788968 PtS11Max=3 x2S11Max=0.175
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x3S11Max=-0.5 S11Min=-3575.09788686389 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=13
ElemStation=0.25
Frame=14 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504148
V2=103.471589863872 V3=0 T=0 M2=0 M3=61.3289536785385 S11Max=2994.37068607216 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-2250.00073886344 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=14 ElemStation=0
Frame=14 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max
P=2.28105027504148 V2=104.237214863872 V3=0 T=0 M2=0 M3=52.4234010540403 S11Max=2558.18035344368
PtS11Max=1
x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-1834.64462021204 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=14 ElemStation=8.75000000000001E-02
Frame=14 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
V2=94.4852544385041 V3=0 T=0 M2=0 M3=46.0352464773867 S11Max=2259.57442626832 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-3013.36355182549 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=14
ElemStation=0
Frame=14 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-
23.7475143972694 V2=95.2508794385041 V3=0 T=0 M2=0 M3=37.5550590549207 S11Max=1844.21830761693
PtS11Max=1
x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-2577.17321919701 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=14 ElemStation=8.75000000000001E-02
Frame=14 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.9373743524022
V2=122.044052870612 V3=0 T=0 M2=0 M3=126.981169275689 S11Max=6402.74003431628 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-680.715334023155 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=14 ElemStation=0
Frame=14 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max
P=64.906749728437 V2=122.809677870612 V3=0 T=0 M2=0 M3=119.42297559537 S11Max=6033.70846023059
PtS11Max=1 x2S11Max=-0.175
x3S11Max=-0.5 S11Min=-431.874847448033 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=14
ElemStation=8.75000000000001E-02
Frame=14 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843
V2=50.0562785203114 V3=0 T=0 M2=0 M3=13.0232854579359 S11Max=595.035078182815 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-6036.43154042672 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=14 ElemStation=0
Frame=14 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
40.4169544651843 V2=50.7639629613343 V3=0 T=0 M2=0 M3=7.94279219036054 S11Max=346.194591607693
PtS11Max=1
x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-5664.93152434836 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=14 ElemStation=8.75000000000001E-02
Frame=15 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504148
V2=101.170924976543 V3=0 T=0 M2=0 M3=52.4234010540403 S11Max=2558.18035344368 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-1834.64462021186 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=15 ElemStation=0
Frame=15 Station=8.74999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max
P=2.28105027504148 V2=101.936549976543 V3=0 T=0 M2=0 M3=43.5537793272085 S11Max=2123.74990151722
PtS11Max=1
x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-1428.02544638074 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=15 ElemStation=8.74999999999999E-02
Frame=15 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
V2=94.3610026630568 V3=0 T=0 M2=0 M3=37.555059054917 S11Max=1844.21830761675 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-2577.17321919701 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=15 ElemStation=0



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Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-
23.7475143972694 V2=95.1266276630568 V3=0 T=0 M2=0 M3=29.2532509225316 S11Max=1437.59913378563
PtS11Max=1
    x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-2142.74276727055 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=15 ElemStation=8.749999999999999E-02
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.9067497284371
V2=121.461078739158 V3=0 T=0 M2=0 M3=119.422975595364 S11Max=6033.70846023033 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
    S11Min=-431.874847448015 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=15 ElemStation=0
Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max
P=64.8761251063478 V2=122.287168587866 V3=0 T=0 M2=0 M3=110.588010451795 S11Max=5601.40385370886
PtS11Max=1
    x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-202.883777264106 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=15 ElemStation=8.749999999999999E-02
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843
V2=52.9144451453742 V3=0 T=0 M2=0 M3=7.94279219036018 S11Max=346.194591607676 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
    S11Min=-5664.93152434809 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=15 ElemStation=0
Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
40.4169544651843 V2=53.6800701453742 V3=0 T=0 M2=0 M3=3.26755784077203 S11Max=117.203521423767
PtS11Max=1
    x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-5231.71324790686 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=15 ElemStation=8.749999999999999E-02
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504163 V2=-
101.974183067709 V3=0 T=0 M2=0 M3=-9.90822069562656 S11Max=1074.60483552195 PtS11Max=3 x2S11Max=0.175
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    x3S11Max=-0.5 S11Min=-553.150646635134 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=17
ElemStation=0
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max
P=2.28105027504163 V2=-101.208558067709 V3=0 T=0 M2=0 M3=-1.01043723646202 S11Max=610.596097394633
PtS11Max=3
    x2S11Max=0.175 x3S11Max=-0.5 S11Min=-117.340844553605 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
FrameElem=17 ElemStation=8.749999999999999E-02
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972699 V2=-
108.696461351523 V3=0 T=0 M2=0 M3=-21.9891550436918 S11Max=417.45056436502 PtS11Max=3 x2S11Max=0.175
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    x3S11Max=-0.5 S11Min=-1079.43484222745 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=17
ElemStation=0
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-
23.7475143972699 V2=-107.930836351523 V3=0 T=0 M2=0 M3=-12.5156433069257 S11Max=-18.3592377165089
PtS11Max=3
    x2S11Max=0.175 x3S11Max=-0.5 S11Min=-615.426104100133 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
FrameElem=17 ElemStation=8.749999999999999E-02
Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.176134289463 V2=-
53.8140622095857 V3=0 T=0 M2=0 M3=9.59677127571628 S11Max=4584.98450549026 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5
    S11Min=183.36038368418 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=17 ElemStation=0
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max
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PtS11Max=3
    x2S11Max=0.175 x3S11Max=-0.5 S11Min=183.272884904716 PtS11Min=0 x2S11Min=0 x3S11Min=0
FrameElem=17 ElemStation=8.749999999999999E-02
Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651845 V2=-
136.136895882745 V3=0 T=0 M2=0 M3=-89.8671909126754 S11Max=-115.47701275767 PtS11Max=0 x2S11Max=0
x3S11Max=0
    S11Min=-4218.33572266903 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=17 ElemStation=0
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
40.4169544651845 V2=-135.310806603749 V3=0 T=0 M2=0 M3=-80.8745822579992 S11Max=-115.47701275767
PtS11Max=0 x2S11Max=0
    x3S11Max=0 S11Min=-3778.4647755936 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=17
ElemStation=8.749999999999999E-02
Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504168 V2=-
116.956943560554 V3=0 T=0 M2=0 M3=-1.0104372364638 S11Max=610.596097394636 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5
    S11Min=-117.340844553691 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=18 ElemStation=0
Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max
P=2.28105027504168 V2=-116.191318560554 V3=0 T=0 M2=0 M3=9.77349852650385 S11Max=412.582370307707
PtS11Max=1
    x2S11Max=-0.175 x3S11Max=-0.5 S11Min=6.51728650011907 PtS11Min=0 x2S11Min=0 x3S11Min=0
FrameElem=18 ElemStation=8.750000000000001E-02
Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972697 V2=-
126.362038337522 V3=0 T=0 M2=0 M3=-12.5156433069258 S11Max=-18.3592377164208 PtS11Max=3 x2S11Max=0.175
-
    x3S11Max=-0.5 S11Min=-615.426104100136 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=18
ElemStation=0
Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-
23.7475143972697 V2=-125.596413337522 V3=0 T=0 M2=0 M3=-2.07368432431806 S11Max=-67.8500411350562
PtS11Max=0
    x2S11Max=0 x3S11Max=0 S11Min=-544.821566982466 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=18 ElemStation=8.750000000000001E-02
Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.1455097166498 V2=-
58.4455927008459 V3=0 T=0 M2=0 M3=14.2805441597943 S11Max=4143.99347385229 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5
    
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S11Min=183.272884904714 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=18 ElemStation=0
 Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max
 P=64.11488514611 V2=-57.6799677008459 V3=0 T=0 M2=0 M3=20.3460962727827 S11Max=3564.46880284618
 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=183.185386131743 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=18
 ElemStation=8.75000000000001E-02
 Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651842 V2=-
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 x3S11Max=0
 S11Min=-3778.46477559321 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=18 ElemStation=0
 Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
 40.4169544651842 V2=-170.525972362533 V3=0 T=0 M2=0 M3=-69.0676349309755 S11Max=-115.477012757669
 PtS11Max=0
 x2S11Max=0 x3S11Max=0 S11Min=-3201.50687004333 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=18 ElemStation=8.75000000000001E-02
 Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-94.6918303898076
 V2=74.6322022870005 V3=0 T=0 M2=0 M3=61.3289536785407 S11Max=2712.90321557462 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-2536.54295318471 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19
 ElemStation=0
 Frame=19 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-93.9262053898076
 V2=70.5486722155656 V3=0 T=0 M2=0 M3=54.9777664911944 S11Max=2404.0121594597 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-2346.35743639543 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.0875
 Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-105.759915507771
 V2=44.9474054325499 V3=0 T=0 M2=0 M3=46.035246477388 S11Max=1973.03221194718 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5
 S11Min=-3294.83102232325 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19 ElemStation=0
 Frame=19 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-104.994290507771
 V2=42.7891508953559 V3=0 T=0 M2=0 M3=42.1969536346068 S11Max=1787.2216951579 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-2981.56496620833 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.0875
 Frame=19 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-32.5016229022393
 V2=138.252033496001 V3=0 T=0 M2=0 M3=126.981169275696 S11Max=6020.83947163752 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5
 S11Min=-816.643063246139 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19 ElemStation=0
 Frame=19 Station=0.0875 OutputCase=ENVETA CaseType=Combination StepType=Max P=-31.7908588894785
 V2=135.233895957475 V3=0 T=0 M2=0 M3=115.070562878284 S11Max=5438.16112438603 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-762.18294925343 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.0875
 Frame=19 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-127.588758675571
 V2=12.7440447720575 V3=0 T=0 M2=0 M3=13.0232854579357 S11Max=459.107348959805 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5
 S11Min=-6426.17424897617 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19 ElemStation=0
 Frame=19 Station=0.0875 OutputCase=ENVETA CaseType=Combination StepType=Min P=-126.823133675571
 V2=11.6539902507809 V3=0 T=0 M2=0 M3=11.9560529222512 S11Max=409.022234967096 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-5842.72411882567 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.0875
 Frame=20 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-93.9262053897987
 V2=70.5486722155659 V3=0 T=0 M2=0 M3=54.9777664911954 S11Max=2404.01215945957 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-2346.35743639539 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20
 ElemStation=0
 Frame=20 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-93.1605803897987
 V2=66.530432037748 V3=0 T=0 M2=0 M3=48.9810317522539 S11Max=2112.48203959305 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-2165.36824414243 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20
 ElemStation=0.0875
 Frame=20 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-104.994290507818
 V2=42.7891508953518 V3=0 T=0 M2=0 M3=42.1969536346075 S11Max=1787.22169515799 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-2981.56496620855 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20
 ElemStation=0
 Frame=20 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-104.228665507818
 V2=40.6557873156046 V3=0 T=0 M2=0 M3=38.5464190844429 S11Max=1610.60750290503 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-2685.65984634203 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20
 ElemStation=0.0875
 Frame=20 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-31.7908588894623
 V2=135.233895957456 V3=0 T=0 M2=0 M3=115.070562878288 S11Max=5438.16112438615 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5
 S11Min=-762.18294925343 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20 ElemStation=0
 Frame=20 Station=0.0875 OutputCase=ENVETA CaseType=Combination StepType=Max P=-31.0800659234507
 V2=132.02448249035 V3=0 T=0 M2=0 M3=103.441720142095 S11Max=4869.03427149571 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-712.341159728807 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20
 ElemStation=0.0875

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Frame=20 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-126.823133675572
V2=11.6539902507808 V3=0 T=0 M2=0 M3=11.9560529222512 S11Max=409.022234967095 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-5842.72411882595 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20 ElemStation=0
Frame=20 Station=0.0875 OutputCase=ENVETA CaseType=Combination StepType=Min P=-126.057508675572
V2=10.588826686951 V3=0 T=0 M2=0 M3=10.9831111777901 S11Max=363.555445442472 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-5273.41125023186 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=20
ElemStation=0.0875
Frame=22 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-75.660580389822
V2=0.142832299900489 V3=0 T=0 M2=0 M3=2.90360817454573 S11Max=32.4645001055996 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-216.173086828063 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=22 ElemStation=0
Frame=22 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-
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PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5 S11Min=-213.985586828063 PtS11Min=0 x2S11Min=0 x3S11Min=0
FrameElem=22 ElemStation=8.75000000000004E-02
Frame=22 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-86.7286655078501 V2=-
15.0492108013786 V3=0 T=0 M2=0 M3=-5.07635073322894 S11Max=-247.796187165286 PtS11Max=0 x2S11Max=0
x3S11Max=0
S11Min=-464.810673761725 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=22 ElemStation=0
Frame=22 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-
85.9630405078501 V2=-17.5098206600476 V3=0 T=0 M2=0 M3=-4.40646743290193 S11Max=-245.608687165286
PtS11Max=0
x2S11Max=0 x3S11Max=0 S11Min=-457.618901359117 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=22 ElemStation=8.75000000000004E-02
Frame=22 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-14.8250352513959
V2=6.51449296267889 V3=0 T=0 M2=0 M3=12.6304282227625 S11Max=2685.492244652 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5
S11Min=-42.357243575417 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=22 ElemStation=0
Frame=22 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Max P=-
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PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5 S11Min=-40.3242649629454 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=22
ElemStation=8.75000000000004E-02
Frame=22 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-108.557508675616 V2=-
24.5530960560294 V3=0 T=0 M2=0 M3=-56.0280105373616 S11Max=-310.164310501759 PtS11Max=0 x2S11Max=0
x3S11Max=0
S11Min=-2806.6148609889 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=22 ElemStation=0
Frame=22 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
107.791883675616 V2=-27.3197808964549 V3=0 T=0 M2=0 M3=-56.1914814134158 S11Max=-307.976810501759
PtS11Max=0
x2S11Max=0 x3S11Max=0 S11Min=-2813.59539213531 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
FrameElem=22 ElemStation=8.75000000000004E-02
Frame=23 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-74.8949553898341 V2=-
1.55280415449306 V3=0 T=0 M2=0 M3=4.32854187312481 S11Max=1.84138947715036 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5 S11Min=-213.985586828097 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=23
ElemStation=0
Frame=23 Station=8.74999999999995E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-
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PtS11Max=1
x2S11Max=-0.175 x3S11Max=-0.5 S11Min=-211.798086828097 PtS11Min=0 x2S11Min=0 x3S11Min=0
FrameElem=23 ElemStation=8.74999999999995E-02
Frame=23 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-85.9630405077308 V2=-
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x3S11Max=0
S11Min=-457.618901358813 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=23 ElemStation=0
Frame=23 Station=8.74999999999995E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-
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PtS11Max=0
x2S11Max=0 x3S11Max=0 S11Min=-535.629636217474 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5
FrameElem=23 ElemStation=8.74999999999995E-02
Frame=23 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-14.1134927374755
V2=2.43913819395796 V3=0 T=0 M2=0 M3=14.8740448225132 S11Max=2694.43593827241 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-40.3242649642158 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=23 ElemStation=0
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PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5 S11Min=-38.2911890309554 PtS11Min=0 x2S11Min=0 x3S11Min=0
FrameElem=23 ElemStation=8.74999999999995E-02
Frame=23 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-107.791883675455 V2=-
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x3S11Max=0
S11Min=-2813.59539213647 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=23 ElemStation=0
Frame=23 Station=8.74999999999995E-02 OutputCase=ENVETA CaseType=Combination StepType=Min P=-
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PtS11Max=0 x2S11Max=0
x3S11Max=0 S11Min=-2787.06626548431 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=23
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 x3S11Max=-0.5
 S11Min=-374.055776683867 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=24 ElemStation=0
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 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-371.868276683867 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=24
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 S11Min=-875.779643715499 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=24 ElemStation=0
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 x3S11Max=0
 S11Min=-805.891556999697 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=24 ElemStation=0.0875
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 0.175 x3S11Max=-0.5
 S11Min=-178.767857143078 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=24 ElemStation=0
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 V2=72.7252077188163 V3=0 T=0 M2=0 M3=62.8760741954922 S11Max=2611.10218349619 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-176.580357143078 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=24
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 Frame=24 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-205.39362709778 V2=-
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 x3S11Max=0
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 x3S11Max=-0.5
 S11Min=-371.868276683395 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=25 ElemStation=0
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 V2=6.68626836014603 V3=0 T=0 M2=0 M3=1.40726859916734 S11Max=-37.2879436861007 PtS11Max=3
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 Frame=25 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-142.134110601143 V2=-
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 x3S11Max=0 S11Min=-748.117406453488 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=25
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 x3S11Max=0
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 Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-111.888271838982
 V2=36.959811280934 V3=0 T=0 M2=0 M3=-33.9477032033732 S11Max=1728.3995914215 PtS11Max=3
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 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-2128.09185863671 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=27 ElemStation=8.75000000000004E-02
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 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2436.21950914118 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=27
 ElemStation=0



Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-123.102860600945 V2=22.2391044629878 V3=0 T=0 M2=0 M3=-45.4976157557411 S11Max=1470.2521055022 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-2580.17710812063 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=27 ElemStation=8.75000000000004E-02
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 x2S11Max=0.175 x3S11Max=-0.5 S11Min=-488.428622870169 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5
 FrameElem=27 ElemStation=8.75000000000004E-02
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 FrameElem=27 ElemStation=8.75000000000004E-02
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 x3S11Max=-0.5 S11Min=-2580.17710812023 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=28
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 Frame=28 Station=8.74999999999995E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-122.337235600771 V2=22.6855499417115 V3=0 T=0 M2=0 M3=-48.5445597064278 S11Max=1568.71561171194 PtS11Max=3
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 x3S11Max=-0.5 S11Min=-325.919520790361 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=29
 ElemStation=0.25
 Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694 V2=88.9115672565496 V3=0 T=0 M2=0 M3=29.2532509225322 S11Max=1437.59913378565 PtS11Max=1 x2S11Max=-0.175
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Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.8761251063477
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 x3S11Max=-0.5 S11Min=185.110360561587 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=29
 ElemStation=0.25
 Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843
 V2=43.464398278908 V3=0 T=0 M2=0 M3=3.2675578407737 S11Max=117.203521423848 PtS11Max=1 x2S11Max=-0.175
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 ElemStation=0.25
 Frame=30 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
 V2=77.7581536736907 V3=0 T=0 M2=0 M3=6.75192160839513 S11Max=335.493208195267 PtS11Max=1 x2S11Max=-
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 x3S11Max=-0.5 S11Min=-927.168590097542 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=30
 ElemStation=0
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 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-684.521662507717 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=30
 ElemStation=0.25
 Frame=30 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.7886261965554
 V2=159.240401695763 V3=0 T=0 M2=0 M3=81.1451630327596 S11Max=4158.4649266759 PtS11Max=1 x2S11Max=-
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 S11Min=185.110360561587 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=30 ElemStation=0
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 S11Min=184.860363721507 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=30 ElemStation=0.25
 Frame=30 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843
 V2=30.5415994080314 V3=0 T=0 M2=0 M3=-7.87197922895285 S11Max=-115.477012757669 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-3790.5734280685 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=30 ElemStation=0
 Frame=30 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843
 V2=32.7290994080314 V3=0 T=0 M2=0 M3=-22.7664195440828 S11Max=-115.477012757669 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2060.29309846557 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=30 ElemStation=0.25
 Frame=31 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504148
 V2=75.764297813654 V3=0 T=0 M2=0 M3=-2.80242942222989 S11Max=697.556235508009 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-148.488724926416 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=31 ElemStation=0
 Frame=31 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504148
 V2=77.951797813654 V3=0 T=0 M2=0 M3=-21.1043162630925 S11Max=1523.28378704733 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1044.90767223397 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=31
 ElemStation=0.25
 Frame=31 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
 V2=62.6901662588407 V3=0 T=0 M2=0 M3=-14.1087118755778 S11Max=126.034973577737 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-684.521662507772 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=31
 ElemStation=0
 Frame=31 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
 V2=64.8776662588407 V3=0 T=0 M2=0 M3=-30.9673160528388 S11Max=1022.45392088529 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1510.24921404709 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=31
 ElemStation=0.25
 Frame=31 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.7011273025273
 V2=165.181298692913 V3=0 T=0 M2=0 M3=45.7160157577918 S11Max=2418.65199194425 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=184.860363721507 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=31 ElemStation=0
 Frame=31 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.6136284246088
 V2=167.433107862915 V3=0 T=0 M2=0 M3=8.2238601169868 S11Max=1872.20571077858 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5
 S11Min=184.610366927454 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=31 ElemStation=0.25
 Frame=31 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843
 V2=17.8047904489686 V3=0 T=0 M2=0 M3=-22.7664195440841 S11Max=-115.477012757669 PtS11Max=0 x2S11Max=0
 x3S11Max=0



S11Min=-2060.29309846566 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=31 ElemStation=0
 Frame=31 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843
 V2=19.9922904489686 V3=0 T=0 M2=0 M3=-38.4578199582122 S11Max=-115.477012757669 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1895.09093818914 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=31 ElemStation=0.25
 Frame=32 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504149
 V2=56.5031698100808 V3=0 T=0 M2=0 M3=-21.1043162630932 S11Max=1523.2837870473 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-1044.907672234 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=32 ElemStation=0
 Frame=32 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504149
 V2=58.6906698100808 V3=0 T=0 M2=0 M3=-33.8922469947595 S11Max=2099.08263995688 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1722.3212294998 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.25
 Frame=32 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
 V2=43.6550103542412 V3=0 T=0 M2=0 M3=-30.9673160528383 S11Max=1022.45392088533 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1510.24921404706 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=32
 ElemStation=0
 Frame=32 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
 V2=45.8425103542412 V3=0 T=0 M2=0 M3=-42.7232092997421 S11Max=1592.17838309806 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2086.04806695664 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.25
 Frame=32 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.6136284246088
 V2=155.819907454989 V3=0 T=0 M2=0 M3=8.22386011698568 S11Max=1872.20571077856 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=184.610366927454 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=32 ElemStation=0
 Frame=32 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.5261295631548
 V2=158.027243681336 V3=0 T=0 M2=0 M3=-15.8747616100242 S11Max=2586.12308588935 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-887.459121053746 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.25
 Frame=32 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651842
 V2=5.19139554143621 V3=0 T=0 M2=0 M3=-38.4578199582116 S11Max=-115.477012757669 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1895.09093818912 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=32 ElemStation=0
 Frame=32 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651842
 V2=7.37889554143621 V3=0 T=0 M2=0 M3=-49.7185872259002 S11Max=662.062331406781 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2358.45951193881 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.25
 Frame=33 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.2810502750415
 V2=31.7957212483957 V3=0 T=0 M2=0 M3=-33.8922469947588 S11Max=2099.08263995685 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-1722.32122949977 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33 ElemStation=0
 Frame=33 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.2810502750415
 V2=33.9832212483957 V3=0 T=0 M2=0 M3=-39.2888525597017 S11Max=2380.0797392474 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1992.2020032429 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.25
 Frame=33 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
 V2=20.4926722597716 V3=0 T=0 M2=0 M3=-42.7232092997416 S11Max=1592.17838309803 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2086.04806695661 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33
 ElemStation=0
 Frame=33 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694
 V2=22.6801722597716 V3=0 T=0 M2=0 M3=-48.6426009947531 S11Max=1856.50192097279 PtS11Max=3
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 x3S11Max=-0.5 S11Min=-2384.9097459529 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.25
 Frame=33 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.5261295631547
 V2=131.826503124778 V3=0 T=0 M2=0 M3=-15.8747616100233 S11Max=2586.12308588928 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-887.459121053705 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33 ElemStation=0
 Frame=33 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.438630718531
 V2=133.994166357914 V3=0 T=0 M2=0 M3=-14.2918769008218 S11Max=4003.03036764872 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-815.487309940777 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.25
 Frame=33 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843 V2=-
 7.425288836806 V3=0 T=0 M2=0 M3=-49.7185872258988 S11Max=662.062331406737 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5
 S11Min=-2358.45951193878 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33 ElemStation=0
 Frame=33 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843 V2=-
 5.237788836806 V3=0 T=0 M2=0 M3=-78.2886715600259 S11Max=584.533284425439 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-3667.83347058929 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.25
 Frame=34 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504148
 V2=2.4557343452205 V3=0 T=0 M2=0 M3=-39.2888525597007 S11Max=2380.07973924727 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-1992.20200324284 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34 ElemStation=0



Frame=34 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504148
 V2=4.6432343452205 V3=0 T=0 M2=0 M3=-37.8267951455189 S11Max=2411.70391647629 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1920.59102785435 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.25
 Frame=34 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694 V2=-
 7.90882286157726 V3=0 T=0 M2=0 M3=-48.6426009947503 S11Max=1856.50192097273 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2384.90974595277 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34
 ElemStation=0
 Frame=34 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972694 V2=-
 5.72132286157726 V3=0 T=0 M2=0 M3=-49.288261279843 S11Max=1784.89094558424 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2416.53392318179 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.25
 Frame=34 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.4386307185311
 V2=93.0567780117402 V3=0 T=0 M2=0 M3=-14.2918769008207 S11Max=4003.03036764863 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-815.487309940722 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34 ElemStation=0
 Frame=34 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.3511318911144
 V2=95.1799639804933 V3=0 T=0 M2=0 M3=-9.5353590917283 S11Max=4963.79591571463 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-582.515009087219 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.25
 Frame=34 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843 V2=-
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 x3S11Max=-0.5 S11Min=-3667.8334705892 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34
 ElemStation=0
 Frame=34 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843 V2=-
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 x3S11Max=-0.5 S11Min=-4608.54205814658 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.25
 Frame=35 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504149 V2=-
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 x3S11Max=-0.5 S11Min=-1920.59102785437 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35
 ElemStation=0
 Frame=35 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504149 V2=-
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 x3S11Max=-0.5 S11Min=-1459.40276890772 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35
 ElemStation=0.25
 Frame=35 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972695 V2=-
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 x3S11Max=-0.5 S11Min=-2416.53392318175 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35
 ElemStation=0
 Frame=35 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972695 V2=-
 39.4241028437294 V3=0 T=0 M2=0 M3=-40.9043147865656 S11Max=1323.70268663761 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2005.89164596005 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35
 ElemStation=0.25
 Frame=35 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.3511318911143
 V2=38.5718849034377 V3=0 T=0 M2=0 M3=-9.5353590917283 S11Max=4963.79591571439 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-582.515009087219 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35 ElemStation=0
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 V2=40.6387544487723 V3=0 T=0 M2=0 M3=-1.5831031759525 S11Max=5223.60481315199 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-193.016760151261 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35
 ElemStation=0.25
 Frame=35 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843 V2=-
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 x3S11Max=-0.5
 S11Min=-4608.54205814634 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35 ElemStation=0
 Frame=35 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651843 V2=-
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 x3S11Max=-0.5 S11Min=-4859.73561527874 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=35
 ElemStation=0.25
 Frame=36 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504167 V2=-
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 x3S11Max=-0.5 S11Min=-1459.40276890736 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=36
 ElemStation=0
 Frame=36 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=2.28105027504167 V2=-
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 x3S11Max=-0.5 S11Min=-553.150646635098 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=36
 ElemStation=0.25
 Frame=36 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972698 V2=-
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x3S11Max=-0.5 S11Min=-2005.89164595975 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=36
ElemStation=0
Frame=36 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-23.7475143972698 V2=-
77.849791697867 V3=0 T=0 M2=0 M3=-21.9891550436906 S11Max=417.450564364985 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1079.43484222739 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=36
ElemStation=0.25
Frame=36 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.2636330812902 V2=-
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x3S11Max=-0.5
S11Min=-193.016760151152 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=36 ElemStation=0
Frame=36 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=64.1761342894628 V2=-
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x3S11Max=-0.5 S11Min=183.360383684179 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=36
ElemStation=0.25
Frame=36 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651844 V2=-
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x3S11Max=-0.5 S11Min=-4859.73561527814 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=36
ElemStation=0
Frame=36 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-40.4169544651844 V2=-
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S11Min=-4218.33572266865 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=36 ElemStation=0.25
Frame=37 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-93.1605803897943
V2=66.5304320377469 V3=0 T=0 M2=0 M3=48.981031752254 S11Max=2112.48203959297 PtS11Max=1 x2S11Max=-
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S11Min=-2165.36824414249 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37 ElemStation=0
Frame=37 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-90.9730803897943
V2=55.4095064537077 V3=0 T=0 M2=0 M3=33.7496431642264 S11Max=1372.70484344468 PtS11Max=1 x2S11Max=-
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x3S11Max=-0.5 S11Min=-1551.27438353002 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37
ElemStation=0.25
Frame=37 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-104.22866550787
V2=40.6557873156081 V3=0 T=0 M2=0 M3=38.5464190844431 S11Max=1610.60750290499 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-2685.65984634212 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37 ElemStation=0
Frame=37 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-102.04116550787
V2=34.6976170573638 V3=0 T=0 M2=0 M3=26.1362735969385 S11Max=1009.01364229252 PtS11Max=1 x2S11Max=-
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x3S11Max=-0.5 S11Min=-1933.38265019383 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37
ElemStation=0.25
Frame=37 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-31.0800659232272
V2=132.024482490385 V3=0 T=0 M2=0 M3=103.441720142097 S11Max=4869.03427149653 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-712.34115972889 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37 ElemStation=0
Frame=37 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-29.0490676710484
V2=121.800760325005 V3=0 T=0 M2=0 M3=71.9439185791942 S11Max=3325.52860806357 PtS11Max=1 x2S11Max=-
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x3S11Max=-0.5 S11Min=-447.728449392962 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37
ElemStation=0.25
Frame=37 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-126.057508675674
V2=10.5888266869511 V3=0 T=0 M2=0 M3=10.9831111777901 S11Max=363.555445442388 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-5273.41125023122 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37 ElemStation=0
Frame=37 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-123.870008675674
V2=7.68265647418516 V3=0 T=0 M2=0 M3=5.70820584176497 S11Max=111.442735106464 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-3734.02861927153 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=37
ElemStation=0.25
Frame=38 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-90.973080389793
V2=55.409506453716 V3=0 T=0 M2=0 M3=33.7496431642267 S11Max=1372.70484344472 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-1551.27438352997 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38 ElemStation=0
Frame=38 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-88.785580389793
V2=44.8215595930811 V3=0 T=0 M2=0 M3=23.6381844937372 S11Max=872.492441099419 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-1047.24564088056 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38
ElemStation=0.25
Frame=38 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-102.041165507843
V2=34.6976170573669 V3=0 T=0 M2=0 M3=26.1362735969383 S11Max=1009.01364229256 PtS11Max=1 x2S11Max=-
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x3S11Max=-0.5 S11Min=-1933.38265019381 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38
ElemStation=0
Frame=38 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-99.8536655078426
V2=28.9426382884843 V3=0 T=0 M2=0 M3=15.973290934513 S11Max=517.484899643158 PtS11Max=1 x2S11Max=-
0.175
x3S11Max=-0.5 S11Min=-1443.08481542993 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38
ElemStation=0.25
Frame=38 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-29.049067671278
V2=121.800760325015 V3=0 T=0 M2=0 M3=71.9439185791956 S11Max=3325.52860806296 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-447.728449392817 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38 ElemStation=0



Frame=38 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-27.0178271251357
V2=110.015602008538 V3=0 T=0 M2=0 M3=43.4145728179479 S11Max=1921.85263065527 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-255.80942789169 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38
ElemStation=0.25
Frame=38 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-123.870008675608
V2=7.6826564741851 V3=0 T=0 M2=0 M3=5.70820584176497 S11Max=111.442735106609 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-3734.02861927223 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38 ElemStation=0
Frame=38 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-121.682508675608
V2=4.97967775078085 V3=0 T=0 M2=0 M3=1.91746331945029 S11Max=-67.9762863945182 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-2346.18712119341 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=38
ElemStation=0.25
Frame=39 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-88.7855803897858
V2=44.8215595930859 V3=0 T=0 M2=0 M3=23.6381844937373 S11Max=872.49244109952 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-1047.24564088053 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=39 ElemStation=0
Frame=39 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-86.5980803897858
V2=34.7665914558552 V3=0 T=0 M2=0 M3=16.1217201414237 S11Max=510.589085067834 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-664.140867524336 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=39
ElemStation=0.25
Frame=39 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-99.8536655078092
V2=28.9426382884923 V3=0 T=0 M2=0 M3=15.9732909345136 S11Max=517.484899643249 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-1443.08481542985 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=39
ElemStation=0
Frame=39 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-97.6661655078092
V2=23.3908510089714 V3=0 T=0 M2=0 M3=8.27917264515794 S11Max=146.880126287054 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-1068.68145939816 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=39
ElemStation=0.25
Frame=39 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-27.0178271252435
V2=110.015602008554 V3=0 T=0 M2=0 M3=43.4145728179519 S11Max=1921.85263065525 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-255.809427891627 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=39 ElemStation=0
Frame=39 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-24.9863397694938
V2=96.6690075414275 V3=0 T=0 M2=0 M3=18.5703560828456 S11Max=686.914584966827 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-147.442946555502 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=39
ElemStation=0.25
Frame=39 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-121.682508675572
V2=4.97967775078068 V3=0 T=0 M2=0 M3=1.91746331945028 S11Max=-67.9762863944565 PtS11Max=1 x2S11Max=-
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ElemStation=0
Frame=39 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-119.495008675572
V2=2.47989051673812 V3=0 T=0 M2=0 M3=-0.167414841162264 S11Max=-163.842767730581 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-1213.36873808752 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=39
ElemStation=0.25
Frame=40 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-86.5980803897786
V2=34.7665914558705 V3=0 T=0 M2=0 M3=16.1217201414246 S11Max=510.589085067902 PtS11Max=1 x2S11Max=-
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ElemStation=0
Frame=40 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-84.4105803897786
V2=25.2446020420441 V3=0 T=0 M2=0 M3=10.0793036744793 S11Max=220.883992809353 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-395.433793378901 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=40
ElemStation=0.25
Frame=40 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-97.6661655078019
V2=23.3908510089805 V3=0 T=0 M2=0 M3=8.27917264515972 S11Max=146.880126287162 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-1068.68145939819 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=40
ElemStation=0
Frame=40 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-95.4786655078019
V2=16.9404145785761 V3=0 T=0 M2=0 M3=2.92067404802239 S11Max=-109.32694785834 PtS11Max=1 x2S11Max=-
0.175 - x3S11Max=-0.5 S11Min=-766.476367139637 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=40
ElemStation=0.25
Frame=40 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-24.9863397694708
V2=96.669007541483 V3=0 T=0 M2=0 M3=18.5703560828522 S11Max=686.914584967195 PtS11Max=1 x2S11Max=-
0.175 x3S11Max=-0.5
S11Min=-147.442946555486 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=40 ElemStation=0
Frame=40 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-22.95460098296
V2=81.7609769241673 V3=0 T=0 M2=0 M3=11.5966603814094 S11Max=563.910058383252 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-65.5845742370285 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=40 ElemStation=0.25



Frame=40 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-119.495008675564
 V2=2.47989051673783 V3=0 T=0 M2=0 M3=-0.167414841162181 S11Max=-163.842767730557 PtS11Max=1 x2S11Max=-
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 - x3S11Max=-0.5 S11Min=-1213.36873808756 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=40
 ElemStation=0
 Frame=40 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-117.307508675564 V2=-
 0.91854586818822 V3=0 T=0 M2=0 M3=-12.9118303054696 S11Max=-335.164310501613 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-903.16400265227 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=40 ElemStation=0.25
 Frame=41 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-84.4105803898091
 V2=25.2446020420547 V3=0 T=0 M2=0 M3=10.0793036744783 S11Max=220.883992809221 PtS11Max=1 x2S11Max=-
 0.175
 - x3S11Max=-0.5 S11Min=-395.433793378947 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=41
 ElemStation=0
 Frame=41 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-82.2230803898091
 V2=16.2555913516325 V3=0 T=0 M2=0 M3=6.07094867038218 S11Max=30.8064007718507 PtS11Max=1 x2S11Max=-
 0.175
 - x3S11Max=-0.5 S11Min=-234.923086828026 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=41
 ElemStation=0.25
 Frame=41 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-95.4786655078325
 V2=16.9404145785826 V3=0 T=0 M2=0 M3=2.92067404802155 S11Max=-109.326947858468 PtS11Max=1 x2S11Max=-
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 - x3S11Max=-0.5 S11Min=-766.476367139678 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=41
 ElemStation=0
 Frame=41 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-93.2911655078325
 V2=8.39740389480637 V3=0 T=0 M2=0 M3=-1.83805141898822 S11Max=-266.546187165236 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-563.898775102322 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=41 ElemStation=0.25
 Frame=41 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-22.954600982975
 V2=81.7609769241634 V3=0 T=0 M2=0 M3=11.5966603814091 S11Max=563.91005838335 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5
 S11Min=-65.5845742370716 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=41 ElemStation=0
 Frame=41 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-20.9226060361903
 V2=65.2915101571338 V3=0 T=0 M2=0 M3=9.1990892365885 S11Max=1390.91232594411 PtS11Max=3 x2S11Max=0.175
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 x3S11Max=-0.5 S11Min=-59.7788743891151 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=41
 ElemStation=0.25
 Frame=41 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-117.307508675572 V2=-
 0.918545868188529 V3=0 T=0 M2=0 M3=-12.9118303054727 S11Max=-335.164310501634 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-903.164002652279 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=41 ElemStation=0
 Frame=41 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-115.120008675572 V2=-
 6.4095565064864 V3=0 T=0 M2=0 M3=-29.6405481129631 S11Max=-328.914310501634 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1513.43637472009 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=41 ElemStation=0.25
 Frame=42 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-82.2230803897974
 V2=16.255591351631 V3=0 T=0 M2=0 M3=6.07094867038259 S11Max=30.8064007718914 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5
 S11Min=-234.923086827993 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=42 ElemStation=0
 Frame=42 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-80.0355803897974
 V2=10.3096834679739 V3=0 T=0 M2=0 M3=3.44385944050097 S11Max=6.86757993679455 PtS11Max=3
 x2S11Max=0.175
 - x3S11Max=-0.5 S11Min=-228.673086827993 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=42
 ElemStation=0.25
 Frame=42 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-93.2911655078253
 V2=8.39740389480754 V3=0 T=0 M2=0 M3=-1.83805141898649 S11Max=-266.546187165215 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-563.898775102321 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=42 ElemStation=0
 Frame=42 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-91.1036655078253
 V2=0.263916962439106 V3=0 T=0 M2=0 M3=-4.80895527978107 S11Max=-260.296187165215 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-464.21375359278 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=42 ElemStation=0.25
 Frame=42 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-20.9226060361249
 V2=65.2915101571665 V3=0 T=0 M2=0 M3=9.19908923658811 S11Max=1390.9123259442 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5
 S11Min=-59.7788743889283 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=42 ElemStation=0
 Frame=42 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-18.8903500882619
 V2=47.2606072409133 V3=0 T=0 M2=0 M3=8.49249148201363 S11Max=2044.11117779901 PtS11Max=3
 x2S11Max=0.175
 - x3S11Max=-0.5 S11Min=-53.9724288236055 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=42
 ElemStation=0.25
 Frame=42 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-115.120008675579 V2=-
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 x3S11Max=0
 S11Min=-1513.43637471979 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=42 ElemStation=0
 Frame=42 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-112.932508675579 V2=-
 11.3675884213799 V3=0 T=0 M2=0 M3=-42.9780866659353 S11Max=-322.664310501654 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2169.07302089232 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=42 ElemStation=0.25
 Frame=43 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-80.0355803898062
 V2=10.3096834679754 V3=0 T=0 M2=0 M3=3.44385944049926 S11Max=6.86757993685245 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5

S11Min=-228.673086828018 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=43 ElemStation=0
 Frame=43 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-77.8480803898062
 V2=5.12466213925544 V3=0 T=0 M2=0 M3=2.13842447896739 S11Max=63.8123494613266 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-222.423086828018 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=43
 ElemStation=0.25
 Frame=43 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-91.1036655077874
 V2=0.263916962440936 V3=0 T=0 M2=0 M3=-4.80895527978276 S11Max=-260.296187165107 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-464.213753592888 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=43 ElemStation=0
 Frame=43 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-88.9161655077874 V2=-
 7.65913628117269 V3=0 T=0 M2=0 M3=-5.84397349090744 S11Max=-254.046187165107 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-508.658523117362 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=43 ElemStation=0.25
 Frame=43 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-18.8903500882978
 V2=47.2606072409299 V3=0 T=0 M2=0 M3=8.49249148201192 S11Max=2044.1117779891 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-53.9724288237079 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=43 ElemStation=0
 Frame=43 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-16.8578281842439
 V2=27.6682681759592 V3=0 T=0 M2=0 M3=9.52615052382917 S11Max=2485.06603992874 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-48.1652233835541 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=43
 ElemStation=0.25
 Frame=43 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-112.932508675535 V2=-
 11.36758842138 V3=0 T=0 M2=0 M3=-42.9780866659356 S11Max=-322.664310501529 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2169.07302089245 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=43 ElemStation=0
 Frame=43 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-110.745008675535 V2=-
 17.0155122945692 V3=0 T=0 M2=0 M3=-51.9734911561905 S11Max=-316.414310501529 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2609.94584054299 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=43 ElemStation=0.25
 Frame=44 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-77.8480803898062
 V2=5.12466213926298 V3=0 T=0 M2=0 M3=2.13842447896572 S11Max=63.8123494615554 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-222.423086828018 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=44 ElemStation=0
 Frame=44 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-75.6605803898062
 V2=0.142832299904675 V3=0 T=0 M2=0 M3=2.90360817454812 S11Max=32.4645001055648 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-216.173086828018 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=44
 ElemStation=0.25
 Frame=44 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-88.9161655078295 V2=-
 7.6591362811653 V3=0 T=0 M2=0 M3=-5.84397349091211 S11Max=-254.046187165227 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-508.658523117591 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=44 ElemStation=0
 Frame=44 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-86.7286655078295 V2=-
 15.0492108013747 V3=0 T=0 M2=0 M3=-5.07635073322731 S11Max=-247.796187165227 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-464.810673761601 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=44 ElemStation=0.25
 Frame=44 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-16.8578281842593
 V2=27.6682681759311 V3=0 T=0 M2=0 M3=9.5261505238275 S11Max=2485.06603992955 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5
 S11Min=-48.165223383598 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=44 ElemStation=0
 Frame=44 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-14.8250352514893
 V2=6.5144929627655 V3=0 T=0 M2=0 M3=12.6304282227634 S11Max=2685.49224465164 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-42.3572435756837 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=44
 ElemStation=0.25
 Frame=44 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-110.745008675572 V2=-
 17.0155122945793 V3=0 T=0 M2=0 M3=-51.973491156208 S11Max=-316.414310501633 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2609.9458405439 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=44 ElemStation=0
 Frame=44 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-108.557508675572 V2=-
 24.5530960560536 V3=0 T=0 M2=0 M3=-56.0280105373608 S11Max=-310.164310501633 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2806.61486098919 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=44 ElemStation=0.25
 Frame=45 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-129.388271839221
 V2=6.68626836014607 V3=0 T=0 M2=0 M3=1.40726859916724 S11Max=-37.2879436863158 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-369.68077668349 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=45
 ElemStation=0
 Frame=45 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-127.200771839221
 V2=10.6701756882371 V3=0 T=0 M2=0 M3=-0.543831657882589 S11Max=21.1008421328864 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-401.27471310513 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=45
 ElemStation=0.25
 Frame=45 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-141.368485601238 V2=-
 12.1843441845057 V3=0 T=0 M2=0 M3=-7.25638409908402 S11Max=-403.909958860679 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-748.11740645373 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=45 ElemStation=0
 Frame=45 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-139.180985601238 V2=-
 4.56141865259081 V3=0 T=0 M2=0 M3=-8.3208843095594 S11Max=-348.001407843162 PtS11Max=3 x2S11Max=0.175

x3S11Max=-0.5 S11Min=-794.006192272932 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=45
 ElemStation=0.25
 Frame=45 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-61.0375000000266
 V2=75.1036745757538 V3=0 T=0 M2=0 M3=56.4716678062488 S11Max=2302.06672867647 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-174.392857142933 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=45 ElemStation=0
 Frame=45 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-58.8500000000266
 V2=80.1258034883924 V3=0 T=0 M2=0 M3=37.277432821383 S11Max=1377.84439301419 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-168.142857142933 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=45
 ElemStation=0.25
 Frame=45 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-203.752684076528 V2=-
 28.8537842524177 V3=0 T=0 M2=0 M3=-16.1957326305384 S11Max=-582.150525932936 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-3239.28305533554 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=45 ElemStation=0
 Frame=45 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-201.408682328706 V2=-
 21.2308587205028 V3=0 T=0 M2=0 M3=-15.2449511420015 S11Max=-575.453378082018 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2285.86719429372 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=45 ElemStation=0.25
 Frame=46 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-127.200771839118
 V2=10.6701756882379 V3=0 T=0 M2=0 M3=-0.543831657881291 S11Max=21.1008421331245 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-401.274713104729 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=46
 ElemStation=0
 Frame=46 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-125.013271839118
 V2=14.9237927095145 V3=0 T=0 M2=0 M3=-2.9980971692611 S11Max=131.216477545683 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-504.026352320474 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=46
 ElemStation=0.25
 Frame=46 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-139.18098560112 V2=-
 4.5614186525853 V3=0 T=0 M2=0 M3=-8.32088430955824 S11Max=-348.001407842889 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-794.006192272581 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=46
 ElemStation=0
 Frame=46 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-136.99348560112
 V2=2.52852815592533 V3=0 T=0 M2=0 M3=-10.441474365898 S11Max=-210.335201045917 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-891.621827685139 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=46
 ElemStation=0.25
 Frame=46 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-58.8500000000005
 V2=80.1258034884232 V3=0 T=0 M2=0 M3=37.2774328213895 S11Max=1377.84439301521 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-168.142857142871 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=46 ElemStation=0
 Frame=46 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-56.6625000000005
 V2=82.5205388034882 V3=0 T=0 M2=0 M3=17.3739765156595 S11Max=425.016102062742 PtS11Max=1 x2S11Max=-
 0.175
 x3S11Max=-0.5 S11Min=-161.892857142871 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=46
 ElemStation=0.25
 Frame=46 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-201.408682328453 V2=-
 21.230858720503 V3=0 T=0 M2=0 M3=-15.244951142001 S11Max=-575.453378081295 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2285.86719429332 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=46 ElemStation=0
 Frame=46 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-199.064922874595 V2=-
 14.1409119119924 V3=0 T=0 M2=0 M3=-15.7940499303683 S11Max=-568.756922498844 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1292.14199471837 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=46 ElemStation=0.25
 Frame=47 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-125.013271839043
 V2=14.9237927095274 V3=0 T=0 M2=0 M3=-2.99809716926076 S11Max=131.216477545999 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-504.026352320241 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=47
 ElemStation=0
 Frame=47 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-122.825771839043
 V2=18.8574629222933 V3=0 T=0 M2=0 M3=-5.08057902562799 S11Max=273.18578208589 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-599.775463652514 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=47
 ElemStation=0.25
 Frame=47 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-136.993485601002
 V2=2.52852815592849 V3=0 T=0 M2=0 M3=-10.441474365898 S11Max=-210.335201045718 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-891.621827684824 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=47
 ElemStation=0
 Frame=47 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-134.805985601002
 V2=9.08549624103487 V3=0 T=0 M2=0 M3=-13.2124101669208 S11Max=-102.086089713445 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1021.09113222472 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=47
 ElemStation=0.25
 Frame=47 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-56.6624999999759
 V2=82.5205388034811 V3=0 T=0 M2=0 M3=17.3739765156671 S11Max=425.016102063581 PtS11Max=1 x2S11Max=-
 0.175 x3S11Max=-0.5
 S11Min=-161.892857142788 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=47 ElemStation=0



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Relazione di calcolo

Foglio

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Frame=47 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-54.4749999999759
V2=82.2878805214293 V3=0 T=0 M2=0 M3=0.16741484116116 S11Max=435.321590342537 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-155.642857142788 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=47
ElemStation=0.25
Frame=47 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-199.064922874422 V2=-
14.1409119119924 V3=0 T=0 M2=0 M3=-15.7940499303679 S11Max=-568.756922498349 PtS11Max=0 x2S11Max=0
x3S11Max=0
S11Min=-1292.14199471826 PtS11Min=3 x2S11Min=0.175 x3S11Min=-0.5 FrameElem=47 ElemStation=0
Frame=47 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-196.721410230172 V2=-
7.58394382688605 V3=0 T=0 M2=0 M3=-16.9934944634179 S11Max=-300.065877798514 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1259.73226201113 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=47
ElemStation=0.25
Frame=48 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-122.825771838941
V2=18.8574629222928 V3=0 T=0 M2=0 M3=-5.08057902562648 S11Max=273.18578208613 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-599.775463652149 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=48 ElemStation=0
Frame=48 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-120.638271838941
V2=22.4711863265481 V3=0 T=0 M2=0 M3=-8.7356805628446 S11Max=444.520696699831 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-772.550845066914 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=48
ElemStation=0.25
Frame=48 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-134.805985600897
V2=9.08549624103395 V3=0 T=0 M2=0 M3=-13.2124101669204 S11Max=-102.086089713228 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1021.09113222444 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=48
ElemStation=0
Frame=48 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-132.618485600897
V2=14.6132999416792 V3=0 T=0 M2=0 M3=-16.5828938402835 S11Max=83.1892917015366 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1179.92604683814 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=48
ElemStation=0.25
Frame=48 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-54.4749999999322
V2=82.2878805214733 V3=0 T=0 M2=0 M3=0.167414841161181 S11Max=435.321590342765 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-155.642857142663 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=48 ElemStation=0
Frame=48 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-52.2874999999322
V2=79.4278286427762 V3=0 T=0 M2=0 M3=0.679673320923221 S11Max=1002.12458639611 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-149.392857142663 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=48
ElemStation=0.25
Frame=48 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-196.721410229899 V2=-
7.5839438268867 V3=0 T=0 M2=0 M3=-16.9934944634174 S11Max=-300.065877798053 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1259.73226201028 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=48
ElemStation=0
Frame=48 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-194.378149016409 V2=-
2.66179510542965 V3=0 T=0 M2=0 M3=-31.6807169003104 S11Max=-182.682978983802 PtS11Max=3 x2S11Max=0.175
x3S11Max=-0.5 S11Min=-2104.1541100623 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=48
ElemStation=0.25
Frame=49 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-120.638271839005
V2=22.4711863265626 V3=0 T=0 M2=0 M3=-8.73568056284612 S11Max=444.520696699591 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-772.550845067172 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=49
ElemStation=0
Frame=49 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-118.450771839005
V2=25.7649629223073 V3=0 T=0 M2=0 M3=-13.2193456502476 S11Max=672.650457835147 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-985.908930980721 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=49
ElemStation=0.25
Frame=49 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-132.618485600961
V2=14.6132999416911 V3=0 T=0 M2=0 M3=-16.5828938402823 S11Max=83.1892917014281 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1179.92604683827 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=49
ElemStation=0
Frame=49 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-130.430985600961
V2=16.7067041970102 V3=0 T=0 M2=0 M3=-21.1129389634665 S11Max=309.047377614966 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1395.55580797381 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=49
ElemStation=0.25
Frame=49 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-52.2874999999614
V2=79.4278286427117 V3=0 T=0 M2=0 M3=0.67967332092319 S11Max=1002.12458639609 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-149.392857142747 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=49 ElemStation=0
Frame=49 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-50.0999999999614
V2=73.9403831678557 V3=0 T=0 M2=0 M3=0.363368250503294 S11Max=1864.29624779615 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-143.142857142747 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=49
ElemStation=0.25



Frame=49 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-194.378149016539 V2=-
 2.66179510542942 V3=0 T=0 M2=0 M3=-31.6807169003173 S11Max=-182.682978983884 PtS11Max=3 x2S11Max=0.175
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 x3S11Max=-0.5 S11Min=-2104.15411006301 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=49
 ElemStation=0
 Frame=49 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-192.035143963323 V2=-
 0.568390850110269 V3=0 T=0 M2=0 M3=-49.2273338785999 S11Max=-160.940485738833 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2958.74162563977 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=49
 ElemStation=0.25
 Frame=50 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-118.45077183896
 V2=25.7649629223087 V3=0 T=0 M2=0 M3=-13.2193456502476 S11Max=672.650457835134 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-985.908930980592 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=50 ElemStation=0
 Frame=50 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-116.26327183896
 V2=28.7387927095428 V3=0 T=0 M2=0 M3=-19.0003274232772 S11Max=948.405275825255 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1262.80905863919 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=50
 ElemStation=0.25
 Frame=50 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-130.430985600928
 V2=16.7067041970129 V3=0 T=0 M2=0 M3=-21.1129389634642 S11Max=309.047377615093 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1395.55580797361 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=50
 ElemStation=0
 Frame=50 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-128.243485600928
 V2=18.5969169629704 V3=0 T=0 M2=0 M3=-26.8441443748196 S11Max=598.447505273687 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1681.22519354483 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=50
 ElemStation=0.25
 Frame=50 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-50.0999999999395
 V2=73.9403831679243 V3=0 T=0 M2=0 M3=0.36336825050331 S11Max=1864.29624779617 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-143.142857142684 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=50 ElemStation=0
 Frame=50 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-47.9124999999395
 V2=65.8255440974115 V3=0 T=0 M2=0 M3=-1.25025350554099 S11Max=2700.07151199262 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-198.129763536536 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=50
 ElemStation=0.25
 Frame=50 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-192.035143963266 V2=-
 0.568390850110485 V3=0 T=0 M2=0 M3=-49.2273338785971 S11Max=-160.940485738772 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2958.74162563948 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=50
 ElemStation=0
 Frame=50 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-189.69239991129
 V2=1.32182191584696 V3=0 T=0 M2=0 M3=-65.9884675479585 S11Max=-75.6559507488471 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-3767.17412533867 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=50
 ElemStation=0.25
 Frame=51 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-116.26327183897
 V2=28.73879270955 V3=0 T=0 M2=0 M3=-19.0003274232743 S11Max=948.405275825195 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5
 S11Min=-1262.80905863907 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51 ElemStation=0
 Frame=51 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-114.07577183897
 V2=33.0677366599961 V3=0 T=0 M2=0 M3=-25.9541948346004 S11Max=1323.13359949402 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-1597.15664613259 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51
 ElemStation=0.25
 Frame=51 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-128.243485600938
 V2=18.5969169629764 V3=0 T=0 M2=0 M3=-26.844144374819 S11Max=598.447505273514 PtS11Max=3
 x2S11Max=0.175 x3S11Max=-0.5
 S11Min=-1681.22519354483 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51 ElemStation=0
 Frame=51 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-126.055985600938
 V2=20.2839382395721 V3=0 T=0 M2=0 M3=-34.3672434830575 S11Max=945.295092767037 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-2043.45351721366 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51
 ElemStation=0.25
 Frame=51 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-47.9124999999614
 V2=65.8255440974142 V3=0 T=0 M2=0 M3=-1.250253505541 S11Max=2700.07151199258 PtS11Max=3 x2S11Max=0.175
 x3S11Max=-0.5
 S11Min=-198.129763536599 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51 ElemStation=0
 Frame=51 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-45.7249999999614
 V2=55.0833114317629 V3=0 T=0 M2=0 M3=-4.03676089988323 S11Max=3435.99265289226 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-328.361758361525 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51
 ElemStation=0.25
 Frame=51 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-189.692399911099
 V2=1.32182191584717 V3=0 T=0 M2=0 M3=-65.9884675479559 S11Max=-75.6559507489094 PtS11Max=3
 x2S11Max=0.175
 x3S11Max=-0.5 S11Min=-3767.17412533846 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51
 ElemStation=0



Frame=51 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-187.349921815152
V2=3.00884319244291 V3=0 T=0 M2=0 M3=-80.7525749532125 S11Max=67.0760440760164 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-4478.19095412215 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=51
ElemStation=0.25
Frame=52 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-114.075771838922
V2=33.0677366599962 V3=0 T=0 M2=0 M3=-25.9541948345989 S11Max=1323.13359949405 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1597.15664613238 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52
ElemStation=0
Frame=52 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-111.888271838922
V2=36.9598111280813 V3=0 T=0 M2=0 M3=-33.9477032033718 S11Max=1728.39959142168 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-1982.4254233784 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52
ElemStation=0.25
Frame=52 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-126.055985600867
V2=20.2839382395721 V3=0 T=0 M2=0 M3=-34.3672434830539 S11Max=945.295092767101 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-2043.45351721328 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52
ElemStation=0
Frame=52 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-123.868485600867
V2=21.7677680268062 V3=0 T=0 M2=0 M3=-42.5138199849097 S11Max=1343.06387001312 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-2436.2195091409 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52
ElemStation=0.25
Frame=52 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-45.7249999999249
V2=55.0833114318155 V3=0 T=0 M2=0 M3=-4.0367608998832 S11Max=3435.99265289188 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-328.361758361419 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52 ElemStation=0
Frame=52 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max P=-43.5374999999249
V2=41.7136851715608 V3=0 T=0 M2=0 M3=-7.06314699056588 S11Max=4029.57135694886 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-470.342913823427 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52
ElemStation=0.25
Frame=52 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-187.349921815096
V2=3.00884319244288 V3=0 T=0 M2=0 M3=-80.7525749532008 S11Max=67.0760440761188 PtS11Max=3
x2S11Max=0.175 x3S11Max=-0.5
S11Min=-4478.19095412139 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52 ElemStation=0
Frame=52 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Min P=-185.007714747866
V2=4.49267297967693 V3=0 T=0 M2=0 M3=-92.6552667568517 S11Max=221.557199538129 PtS11Max=3
x2S11Max=0.175
x3S11Max=-0.5 S11Min=-5050.51582076717 PtS11Min=1 x2S11Min=-0.175 x3S11Min=-0.5 FrameElem=52
ElemStation=0.25

TABLE: "ELEMENT STRESSES - FRAMES"

Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0 S11=-18.5472848233485 IsS11Max=No IsS11Min=Yes FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5 S11=129.48596393592 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5 S11=129.48596393592 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5 S11=222.199475733366 IsS11Max=Yes IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5 S11=222.199475733366 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0 S11=-20.3572848503196 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=8.75000000000001E-02
Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5 S11=402.304754323362 IsS11Max=Yes IsS11Min=No FrameElem=1 ElemStation=8.75000000000001E-02
Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5 S11=402.304754323362 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=8.75000000000001E-02
Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5 S11=-96.5108222795617 IsS11Max=No IsS11Min=Yes FrameElem=1 ElemStation=8.75000000000001E-02
Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5 S11=-96.5108222795617 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=8.75000000000001E-02
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-70.0089733193904 IsS11Max=Yes IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5 S11=-362.217422372146 IsS11Max=No IsS11Min=Yes FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5 S11=-362.217422372146 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5 S11=-217.073639622254 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5 S11=-217.073639622254 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=0
Frame=1 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-71.8189733463615 IsS11Max=No IsS11Min=No FrameElem=1 ElemStation=8.75000000000001E-02



Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1				
X2=-0.175	X3=-0.5	S11=-47.1271244131613	IsS11Max=Yes	IsS11Min=No	FrameElem=1				
ElemStation=8.75000000000001E-02									
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2				
X2=-0.175	X3=0.5	S11=-47.1271244131613	IsS11Max=No	IsS11Min=No	FrameElem=1				
ElemStation=8.75000000000001E-02									
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3				
X2=0.175	X3=-0.5	S11=-493.732430066917	IsS11Max=No	IsS11Min=Yes	FrameElem=1				
ElemStation=8.75000000000001E-02									
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4				
X2=0.175	X3=0.5	S11=-493.732430066917	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
4.65994924931257	IsS11Max=No	IsS11Min=Yes	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=2692.55407372797	IsS11Max=Yes	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=2692.55407372797	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=752.080157355379	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=752.080157355379	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
X3=0	S11=-6.84774303564502	IsS11Max=No	IsS11Min=Yes	FrameElem=1	ElemStation=8.75000000000001E-02				
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-	X3=-		
0.175	X3=-0.5	S11=2743.35857866589	IsS11Max=Yes	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-	X3=-		
0.175	X3=0.5	S11=2743.35857866589	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3				
X2=0.175	X3=-0.5	S11=442.729491459815	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
ElemStation=8.75000000000001E-02									
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4				
X2=0.175	X3=0.5	S11=442.729491459815	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
ElemStation=8.75000000000001E-02									
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
100.660502409823	IsS11Max=Yes	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-945.563109784555	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-945.563109784555	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-2761.30931310071	IsS11Max=No	IsS11Min=Yes	FrameElem=1	ElemStation=0					
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-2761.30931310071	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0					
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
X3=0	S11=-100.660502409823	IsS11Max=Yes	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02				
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-	X3=-		
0.175	X3=-0.5	S11=-596.054345441975	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-	X3=-		
0.175	X3=0.5	S11=-596.054345441975	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3				
X2=0.175	X3=-0.5	S11=-2814.87925943294	IsS11Max=No	IsS11Min=Yes	FrameElem=1				
ElemStation=8.75000000000001E-02									
Frame=1	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4				
X2=0.175	X3=0.5	S11=-2814.87925943294	IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=8.75000000000001E-02			
ElemStation=8.75000000000001E-02									
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
20.3572848503071	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0					
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=402.30475432363	IsS11Max=Yes	IsS11Min=No	FrameElem=2	ElemStation=0					
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=402.30475432363	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0					
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=-96.5108222794707	IsS11Max=No	IsS11Min=Yes	FrameElem=2	ElemStation=0					
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=-96.5108222794707	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0					
Frame=2	Station=8.74999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
X2=0	X3=0	S11=-22.1672848772782	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.74999999999999E-02			
Frame=2	Station=8.74999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1				
X2=-0.175	X3=-0.5	S11=647.21829449508	IsS11Max=Yes	IsS11Min=No	FrameElem=2				
ElemStation=8.74999999999999E-02									
Frame=2	Station=8.74999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2				
X2=-0.175	X3=0.5	S11=647.21829449508	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.74999999999999E-02			
ElemStation=8.74999999999999E-02									
Frame=2	Station=8.74999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3				
X2=0.175	X3=-0.5	S11=-377.732704256876	IsS11Max=No	IsS11Min=Yes	FrameElem=2				
ElemStation=8.74999999999999E-02									
Frame=2	Station=8.74999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4				
X2=0.175	X3=0.5	S11=-377.732704256876	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.74999999999999E-02			
ElemStation=8.74999999999999E-02									
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
71.8189733463555	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0					



Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-47.1271244132396	IsS11Max=Yes	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-47.1271244132396	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-493.732430066766	IsS11Max=No	IsS11Min=Yes	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-493.732430066766	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-73.6289733733266	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=237.945923298331	IsS11Max=Yes	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=237.945923298331	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-749.957136083565	IsS11Max=No	IsS11Min=Yes	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-749.957136083565	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=6.84774303547342	IsS11Max=No	IsS11Min=Yes	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=2743.35857866603	IsS11Max=Yes	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=2743.35857866603	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=442.729491459901	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=442.729491459901	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-8.76774306408364	IsS11Max=No	IsS11Min=Yes	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=0.175	IsS11Max=Yes	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=0.175	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=282.812080745506	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=282.812080745506	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=100.660502409827	IsS11Max=Yes	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-596.054345441805	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-596.054345441805	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-2814.87925943324	IsS11Max=No	IsS11Min=Yes	FrameElem=2	ElemStation=0
Frame=2	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-2814.87925943324	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=0
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-100.660502409827	IsS11Max=Yes	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-421.338057135151	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-421.338057135151	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-2852.20012721876	IsS11Max=No	IsS11Min=Yes	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=2	Station=8.749999999999999E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-2852.20012721876	IsS11Max=No	IsS11Min=No	FrameElem=2	ElemStation=8.749999999999999E-02
Frame=4	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=63.5387140652504	IsS11Max=No	IsS11Min=No	FrameElem=4	ElemStation=0
Frame=4	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=-1082.07919140873	IsS11Max=No	IsS11Min=Yes	FrameElem=4	ElemStation=0
Frame=4	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=-1082.07919140873	IsS11Max=No	IsS11Min=No	FrameElem=4	ElemStation=0
Frame=4	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=1355.01663434099	IsS11Max=Yes	IsS11Min=No	FrameElem=4	ElemStation=0
Frame=4	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=1355.01663434099	IsS11Max=No	IsS11Min=No	FrameElem=4	ElemStation=0
Frame=4	Station=8.749999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-65.3487140922215	IsS11Max=No	IsS11Min=No	FrameElem=4	ElemStation=8.749999999999999E-02
Frame=4	Station=8.749999999999999E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=-1513.13197103098	IsS11Max=No	IsS11Min=Yes	FrameElem=4	ElemStation=8.749999999999999E-02



Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2
 X2=-0.175 X3=0.5 S11=-1513.13197103098 IsS11Max=No IsS11Min=No FrameElem=4
 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3
 X2=0.175 X3=-0.5 S11=1799.26033959516 IsS11Max=Yes IsS11Min=No FrameElem=4
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Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4
 X2=0.175 X3=0.5 S11=1799.26033959516 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=8.749999999999999E-02

Frame=4 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-115.000402561305
 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
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Frame=4 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
 S11=-1556.1194846709 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
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Frame=4 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
 S11=955.001763278227 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0
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Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1
 X2=-0.175 X3=-0.5 S11=-2003.98318997901 IsS11Max=No IsS11Min=Yes FrameElem=4
 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2
 X2=-0.175 X3=0.5 S11=-2003.98318997901 IsS11Max=No IsS11Min=No FrameElem=4
 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3
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 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4
 X2=0.175 X3=0.5 S11=1382.43454284654 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=8.749999999999999E-02

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0 S11=-17.8012996987683
 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
 S11=-73.0233785764488 IsS11Max=No IsS11Min=Yes FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
 S11=-73.0233785764488 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
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Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
 S11=3397.00850693782 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0
 X3=0 S11=-17.8012996987683 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175
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Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2 X2=-0.175
 X3=0.5 S11=-232.940789290646 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3
 X2=0.175 X3=-0.5 S11=4053.23155135518 IsS11Max=Yes IsS11Min=No FrameElem=4
 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4
 X2=0.175 X3=0.5 S11=4053.23155135518 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=8.749999999999999E-02

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-126.434755301
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Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
 S11=-3575.09788686466 IsS11Max=No IsS11Min=Yes FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
 S11=-3575.09788686466 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
 S11=37.4207791789123 IsS11Max=Yes IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
 S11=37.4207791789123 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=0

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0
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Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175
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Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175
 X3=0.5 S11=-4234.92710883791 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3
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 ElemStation=8.749999999999999E-02

Frame=4 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4
 X2=0.175 X3=0.5 S11=197.338189893109 IsS11Max=No IsS11Min=No FrameElem=4 ElemStation=8.749999999999999E-02

Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0 S11=-65.3487140919544
 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0



Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5	S11=-1513.13197103052 IsS11Max=No IsS11Min=Yes FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5	S11=-1513.13197103052 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5	S11=1799.26033959519 IsS11Max=Yes IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5	S11=1799.26033959519 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0	S11=-67.1587141189255 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=8.75000000000001E-02
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5	S11=-1974.2020008997 IsS11Max=No IsS11Min=Yes FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5	S11=-1974.2020008997 IsS11Max=No IsS11Min=No FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5	S11=2273.52129509628 IsS11Max=Yes IsS11Min=No FrameElem=5
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Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5	S11=2273.52129509628 IsS11Max=No IsS11Min=No FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0	S11=-116.81040258799 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5	S11=-2003.98318997847 IsS11Max=No IsS11Min=Yes FrameElem=5 ElemStation=0
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Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5	S11=1382.43454284661 IsS11Max=Yes IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5	S11=1382.43454284661 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0	S11=-118.620402614961 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=8.75000000000001E-02
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Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5	S11=-2481.86414553351 IsS11Max=No IsS11Min=No FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5	S11=1839.88457266185 IsS11Max=Yes IsS11Min=No FrameElem=5
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Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5	S11=1839.88457266185 IsS11Max=No IsS11Min=No FrameElem=5
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Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0	S11=-17.8012996987772 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5	S11=-232.940789290641 IsS11Max=No IsS11Min=Yes FrameElem=5 ElemStation=0
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Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5	S11=4053.23155135748 IsS11Max=Yes IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5	S11=4053.23155135748 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0	S11=-17.8012996987772 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=8.75000000000001E-02
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5	S11=-406.264450004695 IsS11Max=No IsS11Min=Yes FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5	S11=-406.264450004695 IsS11Max=No IsS11Min=No FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5	S11=4751.38611522259 IsS11Max=Yes IsS11Min=No FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5	S11=4751.38611522259 IsS11Max=No IsS11Min=No FrameElem=5
ElemStation=8.75000000000001E-02	
Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0	S11=-128.697255300645 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5	S11=-4234.92710883504 IsS11Max=No IsS11Min=Yes FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5	S11=-4234.92710883504 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5	S11=197.338189893087 IsS11Max=Yes IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5	S11=197.338189893087 IsS11Max=No IsS11Min=No FrameElem=5 ElemStation=0
Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0	S11=-130.959755300645 IsS11Max=No IsS11Min=No FrameElem=5
ElemStation=8.75000000000001E-02	

Frame=5 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5 S11=-4935.83989404711 IsS11Max=No IsS11Min=Yes FrameElem=5 ElemStation=8.75000000000001E-02
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 Frame=6 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0 S11=-22.1672848774022 IsS11Max=No IsS11Min=No FrameElem=6 ElemStation=0
 Frame=6 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5 S11=647.218294494838 IsS11Max=Yes IsS11Min=No FrameElem=6 ElemStation=0
 Frame=6 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5 S11=647.218294494838 IsS11Max=No IsS11Min=No FrameElem=6 ElemStation=0
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 Frame=6 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5 S11=-377.732704256985 IsS11Max=No IsS11Min=No FrameElem=6 ElemStation=0
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 Frame=6 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5 S11=-100.223633540064 IsS11Max=No IsS11Min=Yes FrameElem=6 ElemStation=0.25
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 Frame=6 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5 S11=-421.338057135151 IsS11Max=No IsS11Min=No FrameElem=6 ElemStation=0
 Frame=6 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5 S11=-421.338057135151 IsS11Max=No IsS11Min=No FrameElem=6 ElemStation=0
 Frame=6 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5 S11=-2852.20012721945 IsS11Max=No IsS11Min=Yes FrameElem=6 ElemStation=0
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Frame=6	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
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Frame=6	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-38.3023428495777	IsS11Max=Yes	IsS11Min=No	FrameElem=6	ElemStation=0.25				
Frame=6	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-38.3023428495777	IsS11Max=No	IsS11Min=No	FrameElem=6	ElemStation=0.25				
Frame=6	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2977.38160241129	IsS11Max=No	IsS11Min=Yes	FrameElem=6	ElemStation=0.25				
Frame=6	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2977.38160241129	IsS11Max=No	IsS11Min=No	FrameElem=6	ElemStation=0.25				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
27.3387135258461	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1246.82203413136	IsS11Max=Yes	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1246.82203413136	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-982.724697516037	IsS11Max=No	IsS11Min=Yes	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-982.724697516037	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
32.5101421743349	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1639.40831872538	IsS11Max=Yes	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1639.40831872538	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1359.91872982779	IsS11Max=No	IsS11Min=Yes	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1359.91872982779	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
78.800402021892	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=833.424779139719	IsS11Max=Yes	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=833.424779139719	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1361.36202433453	IsS11Max=No	IsS11Min=Yes	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1361.36202433453	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
83.9718306703808	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1199.64738271656	IsS11Max=Yes	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1199.64738271656	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1727.72813505483	IsS11Max=No	IsS11Min=Yes	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1727.72813505483	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
14.2534574316768	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2887.8175698789	IsS11Max=Yes	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2887.8175698789	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-100.223633540039	IsS11Max=No	IsS11Min=Yes	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-100.223633540039	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987725	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2833.0425687283	IsS11Max=Yes	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2833.0425687283	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-373.820572315519	IsS11Max=No	IsS11Min=Yes	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-373.820572315519	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
100.660502409821	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-38.3023428495971	IsS11Max=Yes	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-38.3023428495971	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2977.38160241213	IsS11Max=No	IsS11Min=Yes	FrameElem=7	ElemStation=0				
Frame=7	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2977.38160241213	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0				
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
100.660502409821	IsS11Max=No	IsS11Min=No	FrameElem=7	ElemStation=0.25				

Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=235.294595925882		Iss11Max=Yes	Iss11Min=No	FrameElem=7	ElemStation=0.25			
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=235.294595925882		Iss11Max=No	Iss11Min=No	FrameElem=7	ElemStation=0.25			
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2941.19261129957		Iss11Max=No	Iss11Min=Yes	FrameElem=7	ElemStation=0.25			
Frame=7	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2941.19261129957		Iss11Max=No	Iss11Min=No	FrameElem=7	ElemStation=0.25			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
32.5101421744283		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1639.40831872529		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1639.40831872529		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1359.91872982792		Iss11Max=No	Iss11Min=Yes	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1359.91872982792		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
37.6815708229171		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1798.42401086302		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1798.42401086302		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1509.31480119219		Iss11Max=No	Iss11Min=Yes	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1509.31480119219		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
83.9718306704738		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1199.64738271658		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1199.64738271658		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1727.72813505495		Iss11Max=No	Iss11Min=Yes	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1727.72813505495		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
89.1432593189627		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1338.07202534594		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1338.07202534594		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1873.78715250885		Iss11Max=No	Iss11Min=Yes	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1873.78715250885		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987727		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2833.04256872859		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2833.04256872859		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-373.820572315575		Iss11Max=No	Iss11Min=Yes	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-373.820572315575		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987727		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2562.34432158575		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2562.34432158575		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-537.978735580739		Iss11Max=No	Iss11Min=Yes	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-537.978735580739		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
100.660502409821		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=235.294595925939		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=235.294595925939		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2941.19261129908		Iss11Max=No	Iss11Min=Yes	FrameElem=8	ElemStation=0			
Frame=8	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2941.19261129908		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
100.660502409821		Iss11Max=No	Iss11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=399.452759191103		Iss11Max=Yes	Iss11Min=No	FrameElem=8	ElemStation=0.25			



Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=399.452759191103		IsS11Max=No	IsS11Min=No	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2683.78236235464		IsS11Max=No	IsS11Min=Yes	FrameElem=8	ElemStation=0.25			
Frame=8	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2683.78236235464		IsS11Max=No	IsS11Min=No	FrameElem=8	ElemStation=0.25			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
37.6815708228771		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1798.42401086317		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1798.42401086317		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1509.31480119222		IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1509.31480119222		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
42.852999471366		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1712.40092547013		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1712.40092547013		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1430.91291160927		IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1430.91291160927		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
89.1432593189228		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1338.07202534599		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1338.07202534599		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1873.78715250893		IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1873.78715250893		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
94.3146879674117		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1248.69870702812		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1248.69870702812		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1798.10692441287		IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1798.10692441287		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987726		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2562.34432158607		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2562.34432158607		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-537.97873558076		IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-537.97873558076		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987726		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2045.50682831525		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2045.50682831525		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-592.698123335833		IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-592.698123335833		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
100.660502409904		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=399.452759191124		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=399.452759191124		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2683.78236235431		IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0			
Frame=9	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2683.78236235431		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
100.660502409904		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=454.172146946196		IsS11Max=Yes	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=454.172146946196		IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			



Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-2171.49622628281	IsS11Max=No	IsS11Min=Yes	FrameElem=9	ElemStation=0.25			
Frame=9	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-2171.49622628281	IsS11Max=No	IsS11Min=No	FrameElem=9	ElemStation=0.25			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0 S11=-
42.8529994713927	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=1712.40092547012	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=1712.40092547012	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-1430.91291160926	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-1430.91291160926	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-48.0244281198815	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-
0.5 S11=1381.33906254656	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=1381.33906254656	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-1114.18314031931	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-1114.18314031931	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0 S11=-
94.3146879674381	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=1248.69870702815	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=1248.69870702815	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1798.1069244129	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-1798.1069244129	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-99.486116615927	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-
0.5 S11=931.527427762937	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=931.527427762937	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1477.38791878633	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-1477.38791878633	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0 S11=-
17.8012996987727	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=2045.50682831446	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=2045.50682831446	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-592.698123335821	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-592.698123335821	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0 S11=-
17.8012996987727	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=1679.52287837934	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=1679.52287837934	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-328.394026573288	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-328.394026573288	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0 S11=-
100.660502409821	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=454.172146946185	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=454.172146946185	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-2171.49622628335	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0			
Frame=10	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-2171.49622628335	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0 S11=-
107.041898158255	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=196.469315402452	IsS11Max=Yes	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=196.469315402452	IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1777.92050620689	IsS11Max=No	IsS11Min=Yes	FrameElem=10	ElemStation=0.25			

Frame=10	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1777.92050620689		IsS11Max=No	IsS11Min=No	FrameElem=10	ElemStation=0.25			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
48.0244281198415		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1381.33906254657		IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1381.33906254657		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1114.18314031913		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1114.18314031913		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-53.1958567683303		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=805.238422092212	IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=805.238422092212		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-532.154112596252		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-532.154112596252		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
99.4861166158873		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=931.527427763048		IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=931.527427763048		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1477.38791878625		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1477.38791878625		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-104.657545264376		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=356.895005338294	IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=356.895005338294		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-911.630135628872		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-911.630135628872		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987725		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1679.52287837922		IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1679.52287837922		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-328.394026573255		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-328.394026573255		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987725		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1141.97502542626		IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1141.97502542626		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=639.694967759019		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=639.694967759019		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
107.041898158205		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=196.469315402528		IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=196.469315402528		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1777.92050620694		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0			
Frame=11	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1777.92050620694		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
113.506183872491		IsS11Max=Yes	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-784.760246706755		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-784.760246706755		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1240.37265325397		IsS11Max=No	IsS11Min=Yes	FrameElem=11	ElemStation=0.25			
Frame=11	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1240.37265325397		IsS11Max=No	IsS11Min=No	FrameElem=11	ElemStation=0.25			

Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
53.195856768157	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=805.238422092377	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=805.238422092377	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-532.154112596452	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-532.154112596452	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-58.3672854166459	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=-15.900995892768	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25			
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-15.900995892768	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=277.672876073944	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=277.672876073944	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
104.65745264204	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=356.895005338204	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=356.895005338204	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-911.630135628691	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-911.630135628691	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-109.828973912693	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-463.903412067108	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.25			
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-463.903412067108	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-100.833574940524	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-100.833574940524	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987722	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1141.97502542642	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1141.97502542642	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=639.694967759427	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=639.694967759427	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
17.8012996987722	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=372.156501493052	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=372.156501493052	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1861.40229562214	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1861.40229562214	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
113.506183872275	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-784.76024670662	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-784.76024670662	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1240.3726532538	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0				
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1240.3726532538	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
119.970469586561	IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2025.04433230563	IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2025.04433230563	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-453.274171836081	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=12	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-453.274171836081	IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.25				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
58.3672854168062	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0				

Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-15.9009958928499	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-15.9009958928499	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=277.672876074117	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=277.672876074117	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-63.538714065295	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-1082.07919140882	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-1082.07919140882	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1355.01663434102	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1355.01663434102	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
S11=109.828973912852	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-463.903412066721	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-463.903412066721	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-100.833574940763	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-100.833574940763	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-115.00040256134	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1556.11948467092	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1556.11948467092	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=955.001763278231	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=955.001763278231	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
S11=17.801299698773	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=372.156501493045	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=372.156501493045	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1861.40229562234	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1861.40229562234	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
S11=17.801299698773	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-73.0233785764428	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-73.0233785764428	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=3397.0085069384	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=3397.0085069384	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=119.97046958676	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2025.04433230502	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2025.04433230502	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-453.27417183621	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-453.27417183621	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=126.434755301045	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-3575.09788686389	IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-3575.09788686389	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=37.4207791788968	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=13	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=37.4207791788968	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.25				
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=6.51728650011851	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0				
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2994.37068607216	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0				



Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=2994.37068607216	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=-2250.00073886344	IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=-2250.00073886344	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0			S11=6.51728650011851	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1			S11=2558.18035344368	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2			S11=-1834.64462021204	IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3			S11=-1834.64462021204	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4				IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=67.8500411350555	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=2259.57442626832	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=2259.57442626832	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-3013.36355182549	IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-3013.36355182549	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0			S11=-67.8500411350555	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1			S11=1844.21830761693	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2			S11=1844.21830761693	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3			S11=-2577.17321919701	IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4			S11=-2577.17321919701	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=185.535355292578	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=6402.74003431628	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=6402.74003431628	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=-680.715334023155	IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=-680.715334023155	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0			S11=185.447856366963	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1			S11=6033.70846023059	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2			S11=6033.70846023059	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3			S11=-431.874847448033	IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4			S11=-431.874847448033	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=115.477012757669	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=595.035078182815	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=595.035078182815	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-6036.43154042672	IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-6036.43154042672	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0
Frame=14	Station=8.75000000000001E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0			S11=-115.477012757669	IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=8.75000000000001E-02



Frame=14 Station=8.75000000000001E-02	OutputCase=ENVETA CaseType=Combination	StepType=Min	Point=1
X2=-0.175 X3=-0.5 S11=346.194591607693	IsS11Max=Yes IsS11Min=No FrameElem=14		
ElemStation=8.75000000000001E-02			
Frame=14 Station=8.75000000000001E-02	OutputCase=ENVETA CaseType=Combination	StepType=Min	Point=2
X2=-0.175 X3=0.5 S11=346.194591607693	IsS11Max=No IsS11Min=No FrameElem=14		
ElemStation=8.75000000000001E-02			
Frame=14 Station=8.75000000000001E-02	OutputCase=ENVETA CaseType=Combination	StepType=Min	Point=3
X2=0.175 X3=-0.5 S11=-5664.93152434836	IsS11Max=No IsS11Min=Yes FrameElem=14		
ElemStation=8.75000000000001E-02			
Frame=14 Station=8.75000000000001E-02	OutputCase=ENVETA CaseType=Combination	StepType=Min	Point=4
X2=0.175 X3=0.5 S11=-5664.93152434836	IsS11Max=No IsS11Min=No FrameElem=14		
ElemStation=8.75000000000001E-02			
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Max	Point=0	X2=0 X3=0
S11=6.51728650011852 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Max	Point=1	X2=-0.175 X3=-0.5
S11=2558.18035344368 IsS11Max=Yes	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Max	Point=2	X2=-0.175 X3=0.5
S11=2558.18035344368 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Max	Point=3	X2=0.175 X3=-0.5
S11=-1834.64462021186 IsS11Max=No	IsS11Min=Yes FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Max	Point=4	X2=0.175 X3=0.5
S11=-1834.64462021186 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Max	Point=0
X2=0 X3=0 S11=6.51728650011852	IsS11Max=No IsS11Min=No FrameElem=15 ElemStation=8.74999999999999E-02		
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Max	Point=1
X2=-0.175 X3=-0.5 S11=2123.74990151722	IsS11Max=Yes IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Max	Point=2
X2=-0.175 X3=0.5 S11=2123.74990151722	IsS11Max=No IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Max	Point=3
X2=0.175 X3=-0.5 S11=-1428.02544638074	IsS11Max=No IsS11Min=Yes FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Max	Point=4
X2=0.175 X3=0.5 S11=-1428.02544638074	IsS11Max=No IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Min	Point=0	X2=0 X3=0 S11=-
67.8500411350555 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Min	Point=1	X2=-0.175 X3=-0.5
S11=1844.21830761675 IsS11Max=Yes	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Min	Point=2	X2=-0.175 X3=0.5
S11=1844.21830761675 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Min	Point=3	X2=0.175 X3=-0.5
S11=-2577.17321919701 IsS11Max=No	IsS11Min=Yes FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA5	CaseType=Combination StepType=Min	Point=4	X2=0.175 X3=0.5
S11=-2577.17321919701 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Min	Point=0
X2=0 X3=0 S11=-67.8500411350555	IsS11Max=No IsS11Min=No FrameElem=15 ElemStation=8.74999999999999E-02		
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Min	Point=1
X2=-0.175 X3=-0.5 S11=1437.59913378563	IsS11Max=Yes IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Min	Point=2
X2=-0.175 X3=0.5 S11=1437.59913378563	IsS11Max=No IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Min	Point=3
X2=0.175 X3=-0.5 S11=-2142.74276727055	IsS11Max=No IsS11Min=Yes FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA5 CaseType=Combination	StepType=Min	Point=4
X2=0.175 X3=0.5 S11=-2142.74276727055	IsS11Max=No IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=0 OutputCase=ENVETA	CaseType=Combination StepType=Max	Point=0	X2=0 X3=0
S11=185.447856366963 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA	CaseType=Combination StepType=Max	Point=1	X2=-0.175 X3=-0.5
S11=6033.70846023033 IsS11Max=Yes	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA	CaseType=Combination StepType=Max	Point=2	X2=-0.175 X3=0.5
S11=6033.70846023033 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA	CaseType=Combination StepType=Max	Point=3	X2=0.175 X3=-0.5
S11=-431.874847448015 IsS11Max=No	IsS11Min=Yes FrameElem=15 ElemStation=0		
Frame=15 Station=0 OutputCase=ENVETA	CaseType=Combination StepType=Max	Point=4	X2=0.175 X3=0.5
S11=-431.874847448015 IsS11Max=No	IsS11Min=No FrameElem=15 ElemStation=0		
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA CaseType=Combination	StepType=Max	Point=0
X2=0 X3=0 S11=185.360357446708	IsS11Max=No IsS11Min=No FrameElem=15 ElemStation=8.74999999999999E-02		
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA CaseType=Combination	StepType=Max	Point=1
X2=-0.175 X3=-0.5 S11=5601.40385370886	IsS11Max=Yes IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA CaseType=Combination	StepType=Max	Point=2
X2=-0.175 X3=0.5 S11=5601.40385370886	IsS11Max=No IsS11Min=No FrameElem=15		
ElemStation=8.74999999999999E-02			
Frame=15 Station=8.74999999999999E-02	OutputCase=ENVETA CaseType=Combination	StepType=Max	Point=3
X2=0.175 X3=-0.5 S11=-202.88377264106	IsS11Max=No IsS11Min=Yes FrameElem=15		
ElemStation=8.74999999999999E-02			



Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4
X2=0.175 X3=0.5 S11=-202.883777264106 IsS11Max=No IsS11Min=No FrameElem=15
ElemStation=8.749999999999999E-02
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-115.477012757669 IsS11Max=No IsS11Min=No FrameElem=15 ElemStation=0
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
S11=346.194591607676 IsS11Max=Yes IsS11Min=No FrameElem=15 ElemStation=0
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
S11=346.194591607676 IsS11Max=No IsS11Min=No FrameElem=15 ElemStation=0
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
S11=-5664.93152434809 IsS11Max=No IsS11Min=Yes FrameElem=15 ElemStation=0
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
S11=-5664.93152434809 IsS11Max=No IsS11Min=No FrameElem=15 ElemStation=0
Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0
X2=0 X3=0 S11=-115.477012757669 IsS11Max=No IsS11Min=No FrameElem=15 ElemStation=8.749999999999999E-02
Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1
X2=-0.175 X3=-0.5 S11=117.203521423767 IsS11Max=Yes IsS11Min=No FrameElem=15
ElemStation=8.749999999999999E-02
Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2
X2=-0.175 X3=0.5 S11=117.203521423767 IsS11Max=No IsS11Min=No FrameElem=15
ElemStation=8.749999999999999E-02
Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3
X2=0.175 X3=-0.5 S11=-5231.71324790686 IsS11Max=No IsS11Min=Yes FrameElem=15
ElemStation=8.749999999999999E-02
Frame=15 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4
X2=0.175 X3=0.5 S11=-5231.71324790686 IsS11Max=No IsS11Min=No FrameElem=15
ElemStation=8.749999999999999E-02
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0
S11=6.51728650011894 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
S11=-553.150646635134 IsS11Max=No IsS11Min=Yes FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
S11=-553.150646635134 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
S11=1074.60483552195 IsS11Max=Yes IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
S11=1074.60483552195 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0
X2=0 X3=0 S11=6.51728650011894 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1
X2=-0.175 X3=-0.5 S11=-117.340844553605 IsS11Max=No IsS11Min=Yes FrameElem=17
ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2
X2=-0.175 X3=0.5 S11=-117.340844553605 IsS11Max=No IsS11Min=No FrameElem=17
ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3
X2=0.175 X3=-0.5 S11=610.596097394633 IsS11Max=Yes IsS11Min=No FrameElem=17
ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4
X2=0.175 X3=0.5 S11=610.596097394633 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=8.749999999999999E-02
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-67.8500411350569 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
S11=-1079.43484222745 IsS11Max=No IsS11Min=Yes FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
S11=-1079.43484222745 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
S11=417.45056436502 IsS11Max=Yes IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
S11=417.45056436502 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0
X2=0 X3=0 S11=-67.8500411350569 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1
X2=-0.175 X3=-0.5 S11=-615.426104100133 IsS11Max=No IsS11Min=Yes FrameElem=17
ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2
X2=-0.175 X3=0.5 S11=-615.426104100133 IsS11Max=No IsS11Min=No FrameElem=17
ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3
X2=0.175 X3=-0.5 S11=-18.3592377165089 IsS11Max=Yes IsS11Min=No FrameElem=17
ElemStation=8.749999999999999E-02
Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4
X2=0.175 X3=0.5 S11=-18.3592377165089 IsS11Max=No IsS11Min=No FrameElem=17
ElemStation=8.749999999999999E-02
Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0
S11=183.36038368418 IsS11Max=No IsS11Min=Yes FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
S11=354.568927277413 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
S11=354.568927277413 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0



Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
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 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
 S11=4584.98450549026 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0
 X2=0 X3=0 S11=183.272884904716 IsS11Max=No IsS11Min=Yes FrameElem=17 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1
 X2=-0.175 X3=-0.5 S11=583.978211395556 IsS11Max=No IsS11Min=No FrameElem=17
 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2
 X2=-0.175 X3=0.5 S11=583.978211395556 IsS11Max=No IsS11Min=No FrameElem=17
 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3
 X2=0.175 X3=-0.5 S11=4143.99347385268 IsS11Max=Yes IsS11Min=No FrameElem=17
 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4
 X2=0.175 X3=0.5 S11=4143.99347385268 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=8.749999999999999E-02
 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-115.47701275767
 IsS11Max=Yes IsS11Min=No FrameElem=17 ElemStation=0
 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
 S11=-4218.33572266903 IsS11Max=No IsS11Min=Yes FrameElem=17 ElemStation=0
 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
 S11=-4218.33572266903 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
 S11=-585.522952792753 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
 S11=-585.522952792753 IsS11Max=No IsS11Min=No FrameElem=17 ElemStation=0
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0
 X2=0 X3=0 S11=-115.47701275767 IsS11Max=Yes IsS11Min=No FrameElem=17 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1
 X2=-0.175 X3=-0.5 S11=-3778.4647755936 IsS11Max=No IsS11Min=Yes FrameElem=17
 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2
 X2=-0.175 X3=0.5 S11=-3778.4647755936 IsS11Max=No IsS11Min=No FrameElem=17
 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3
 X2=0.175 X3=-0.5 S11=-814.932236910896 IsS11Max=No IsS11Min=No FrameElem=17
 ElemStation=8.749999999999999E-02
 Frame=17 Station=8.749999999999999E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4
 X2=0.175 X3=0.5 S11=-814.932236910896 IsS11Max=No IsS11Min=No FrameElem=17
 ElemStation=8.749999999999999E-02
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0
 S11=6.51728650011907 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
 S11=-117.340844553691 IsS11Max=No IsS11Min=Yes FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
 S11=-117.340844553691 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
 S11=610.596097394636 IsS11Max=Yes IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
 S11=610.596097394636 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0
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 Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1
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 ElemStation=8.750000000000001E-02
 Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2
 X2=-0.175 X3=0.5 S11=412.582370307707 IsS11Max=No IsS11Min=No FrameElem=18
 ElemStation=8.750000000000001E-02
 Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3
 X2=0.175 X3=-0.5 S11=97.4227656529075 IsS11Max=No IsS11Min=No FrameElem=18
 ElemStation=8.750000000000001E-02
 Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4
 X2=0.175 X3=0.5 S11=97.4227656529075 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=8.750000000000001E-02
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-67.8500411350562
 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
 S11=-615.426104100136 IsS11Max=No IsS11Min=Yes FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
 S11=-615.426104100136 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
 S11=-18.3592377164208 IsS11Max=Yes IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
 S11=-18.3592377164208 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0
 Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0
 X2=0 X3=0 S11=-67.8500411350562 IsS11Max=Yes IsS11Min=No FrameElem=18 ElemStation=8.750000000000001E-02
 Frame=18 Station=8.750000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1
 X2=-0.175 X3=-0.5 S11=-105.71365795376 IsS11Max=No IsS11Min=No FrameElem=18
 ElemStation=8.750000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2
X2=-0.175 X3=0.5 S11=-105.71365795376 IsS11Max=No IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3
X2=0.175 X3=-0.5 S11=-544.821566982466 IsS11Max=No IsS11Min=Yes FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4
X2=0.175 X3=0.5 S11=-544.821566982466 IsS11Max=No IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0
S11=183.272884904714 IsS11Max=No IsS11Min=Yes FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
S11=583.978211395519 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
S11=583.978211395519 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
S11=4143.99347385229 IsS11Max=Yes IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
S11=4143.99347385229 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0
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Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1
X2=-0.175 X3=-0.5 S11=903.627770559815 IsS11Max=No IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2
X2=-0.175 X3=0.5 S11=903.627770559815 IsS11Max=No IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3
X2=0.175 X3=-0.5 S11=3564.46880284618 IsS11Max=Yes IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4
X2=0.175 X3=0.5 S11=3564.46880284618 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=8.75000000000001E-02

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-115.477012757669
IsS11Max=Yes IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
S11=-3778.46477559321 IsS11Max=No IsS11Min=Yes FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
S11=-3778.46477559321 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
S11=-814.932236910858 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
S11=-814.932236910858 IsS11Max=No IsS11Min=No FrameElem=18 ElemStation=0

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0
X2=0 X3=0 S11=-115.477012757669 IsS11Max=Yes IsS11Min=No FrameElem=18 ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1
X2=-0.175 X3=-0.5 S11=-3201.50687004333 IsS11Max=No IsS11Min=Yes FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2
X2=-0.175 X3=0.5 S11=-3201.50687004333 IsS11Max=No IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3
X2=0.175 X3=-0.5 S11=-1092.46652386412 IsS11Max=No IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=18 Station=8.75000000000001E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4
X2=0.175 X3=0.5 S11=-1092.46652386412 IsS11Max=No IsS11Min=No FrameElem=18
ElemStation=8.75000000000001E-02

Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0 S11=-270.548086828022
IsS11Max=No IsS11Min=No FrameElem=19 ElemStation=0

Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
S11=2712.90321557462 IsS11Max=Yes IsS11Min=No FrameElem=19 ElemStation=0

Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
S11=2712.90321557462 IsS11Max=No IsS11Min=No FrameElem=19 ElemStation=0

Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
S11=-2536.54295318471 IsS11Max=No IsS11Min=Yes FrameElem=19 ElemStation=0

Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
S11=-2536.54295318471 IsS11Max=No IsS11Min=No FrameElem=19 ElemStation=0

Frame=19 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0
S11=-268.360586828022 IsS11Max=No IsS11Min=No FrameElem=19 ElemStation=0.0875

Frame=19 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
S11=2404.0121594597 IsS11Max=Yes IsS11Min=No FrameElem=19 ElemStation=0.0875

Frame=19 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175
X3=0.5 S11=2404.0121594597 IsS11Max=No IsS11Min=No FrameElem=19 ElemStation=0.0875

Frame=19 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
S11=-2346.35743639543 IsS11Max=No IsS11Min=Yes FrameElem=19 ElemStation=0.0875

Frame=19 Station=0.0875 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175
X3=0.5 S11=-2346.35743639543 IsS11Max=No IsS11Min=No FrameElem=19 ElemStation=0.0875

Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-302.17118716506
IsS11Max=No IsS11Min=No FrameElem=19 ElemStation=0

Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
S11=1973.03221194718 IsS11Max=Yes IsS11Min=No FrameElem=19 ElemStation=0

Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=1973.03221194718	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-3294.83102232325	IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-3294.83102232325	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-299.98368716506	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875			
Frame=19	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-
0.5	S11=1787.2216951579	IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	
X3=0.5	S11=1787.2216951579	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-
0.5	S11=-2981.56496620833	IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	
X3=0.5	S11=-2981.56496620833	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-92.8617797206838	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			S11=-
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=6020.83947163752	IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=6020.83947163752	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-816.643063246139	IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-816.643063246139	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-90.8310253985099	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875			
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-
0.5	S11=5438.16112438603	IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	
X3=0.5	S11=5438.16112438603	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-
0.5	S11=-762.18294925343	IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-762.18294925343	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=364.539310501633	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			S11=-
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=459.107348959805	IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=459.107348959805	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-6426.17424897617	IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-6426.17424897617	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-362.351810501633	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875			
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-
0.5	S11=409.022234967096	IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	
X3=0.5	S11=409.022234967096	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-
0.5	S11=-5842.72411882567	IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0.0875		
Frame=19	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-5842.72411882567	IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.0875			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=268.360586827996	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			S11=-
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=2404.01215945957	IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=2404.01215945957	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-2346.35743639539	IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-2346.35743639539	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-266.173086827996	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-
0.5	S11=2112.48203959305	IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.0875		
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	
X3=0.5	S11=2112.48203959305	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875		
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-
0.5	S11=-2165.36824414243	IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.0875		
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	
X3=0.5	S11=-2165.36824414243	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875		
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=299.983687165194	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			S11=-
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=1787.22169515799	IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=1787.22169515799	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			

Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2981.56496620855		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2981.56496620855		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-297.796187165194		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1610.60750290503		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175		
X3=0.5	S11=1610.60750290503	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2685.65984634203		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175		
X3=0.5	S11=-2685.65984634203	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-90.8310253984638
S11=5438.16112438615		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=5438.16112438615		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=5438.16112438615		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-762.18294925343		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-762.18294925343		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-88.8001883527162		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=4869.03427149571		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175		
X3=0.5	S11=4869.03427149571	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-712.341159728807		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-712.341159728807		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-362.351810501633
S11=409.022234967095		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=409.022234967095		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=409.022234967095		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-5842.72411882595		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-5842.72411882595		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-360.164310501633		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=363.555445442472		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175		
X3=0.5	S11=363.555445442472	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-5273.41125023186		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.0875			
Frame=20	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-5273.41125023186		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.0875			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-216.173086828063
S11=-105.578643922229		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-105.578643922229		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-105.578643922229		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=32.4645001055996		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=32.4645001055996		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-247.796187165286
X2=0	X3=0	S11=-213.985586828063		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=8.75000000000004E-02	
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
X2=-0.175	X3=-0.5	S11=-33.5984729714539		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02	
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
X2=-0.175	X3=0.5	S11=-33.5984729714539		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02	
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
X2=0.175	X3=-0.5	S11=1.84138947733784		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02	
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
X2=0.175	X3=0.5	S11=1.84138947733784		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02	
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-247.796187165286
S11=-464.810673761725		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-464.810673761725		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0			

Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-464.810673761725	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-390.013730408342	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-390.013730408342	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-245.608687165286	IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-429.812563133463	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-429.812563133463	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-457.618901359117	IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-457.618901359117	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-42.357243575417	IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=381.69347517623	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=381.69347517623	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=2685.492244652	IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=2685.492244652	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-40.3242649629454	IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=470.916597286097	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=470.916597286097	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=2694.435938274	IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=2694.435938274	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-310.164310501759	IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-2806.6148609889	IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-2806.6148609889	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-906.532485541484	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-906.532485541484	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-307.976810501759	IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-2813.59539213531	IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-2813.59539213531	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=-1015.52446825881	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=22	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=-1015.52446825881	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=8.75000000000004E-02
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-213.985586828097	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=-33.5984729710765	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=-33.5984729710765	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=1.84138947715036	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=1.84138947715036	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0
Frame=23	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-211.798086828097	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=8.74999999999995E-02
Frame=23	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=48.7872618875853	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=8.74999999999995E-02



Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2			
X2=-0.175 X3=0.5 S11=48.7872618875853	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3			
X2=0.175 X3=-0.5 S11=-38.5182850490324	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4			
X2=0.175 X3=0.5 S11=-38.5182850490324	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=0 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
245.608687164945	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-429.812563133345	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-429.812563133345	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-457.618901358813	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-457.618901358813	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0			
X2=0 X3=0 S11=-243.421187164945	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=8.74999999999995E-02			
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1			
X2=-0.175 X3=-0.5 S11=-385.077888607162	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2			
X2=-0.175 X3=0.5 S11=-385.077888607162	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3			
X2=0.175 X3=-0.5 S11=-535.629636217474	IsS11Max=No	IsS11Min=Yes	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4			
X2=0.175 X3=0.5 S11=-535.629636217474	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
40.3242649642158	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=470.916597286302	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=470.916597286302	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=2694.43593827241	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=2694.43593827241	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0			
X2=0 X3=0 S11=-38.2911890309554	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=8.74999999999995E-02			
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1			
X2=-0.175 X3=-0.5 S11=584.433854070795	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2			
X2=-0.175 X3=0.5 S11=584.433854070795	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3			
X2=0.175 X3=-0.5 S11=2670.13124375874	IsS11Max=Yes	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4			
X2=0.175 X3=0.5 S11=2670.13124375874	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=8.74999999999995E-02			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
307.976810501301	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-2813.59539213647	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-2813.59539213647	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-1015.5244682584	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=0 OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-1015.5244682584	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0			
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0			
X2=0 X3=0 S11=-305.789310501301	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=8.74999999999995E-02			
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1			
X2=-0.175 X3=-0.5 S11=-2787.06626548431	IsS11Max=No	IsS11Min=Yes	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2			
X2=-0.175 X3=0.5 S11=-2787.06626548431	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3			
X2=0.175 X3=-0.5 S11=-1136.23376480553	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							
Frame=23 Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4			
X2=0.175 X3=0.5 S11=-1136.23376480553	IsS11Max=No	IsS11Min=No	FrameElem=23				
ElemStation=8.74999999999995E-02							

Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
374.055776683867		IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-283.69484867138		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-283.69484867138		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=81.624293574699		IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=81.624293574699		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-371.868276683867		IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=-294.193594814278	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175		
X3=0.5	S11=-294.193594814278	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-	
0.5	S11=16.1112068588975	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175		
X3=0.5	S11=16.1112068588975	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
408.28495886114		IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-875.779643715499		IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-875.779643715499		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-486.831272277835		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-486.831272277835		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-406.09745886114		IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-805.891556999697	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175		
X3=0.5	S11=-805.891556999697	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-	
0.5	S11=-471.957526134937	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175		
X3=0.5	S11=-471.957526134937	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
178.767857143078		IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2910.05010131493		IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2910.05010131493		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=769.752670245935		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=769.752670245935		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-176.580357143078		IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=2611.10218349619	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175		
X3=0.5	S11=2611.10218349619	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-	
0.5	S11=630.203461899705	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=630.203461899705		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
586.838934565086		IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1368.82846980124		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1368.82846980124		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-3863.84847076884		IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0			
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-3863.84847076884		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-584.49468888726		IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-1272.00053277734	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175		
X3=0.5	S11=-1272.00053277734	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-	
0.5	S11=-3556.90344678898	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.0875			
Frame=24	Station=0.0875	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-3556.90344678898		IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.0875			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
371.868276683395		IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0			

Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-294.193594813716	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-294.193594813716	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=16.111206859493	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=16.111206859493	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-369.680776683395	IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-311.960618882139	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-311.960618882139	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-37.2879436861007	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-37.2879436861007	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=406.097458860408	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-805.891556999081	IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-805.891556999081	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-471.957526134301	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-471.957526134301	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-403.909958860408	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-748.117406453488	IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-748.117406453488	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-449.815502065878	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-449.815502065878	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=176.580357142871	IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=2611.10218349632	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=2611.10218349632	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=630.203461899913	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=630.203461899913	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-174.392857142871	IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=2302.06672867666	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=2302.06672867666	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=502.768189723897	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=502.768189723897	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=584.494688886979	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1272.00053277668	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1272.00053277668	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-3556.9034467884	IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0			
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-3556.9034467884	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-582.150525932726	IsS11Max=Yes	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1187.286531923	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1187.286531923	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-3239.28305533518	IsS11Max=No	IsS11Min=Yes	FrameElem=25	ElemStation=0.0875			
Frame=25	Station=0.0875	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-3239.28305533518	IsS11Max=No	IsS11Min=No	FrameElem=25	ElemStation=0.0875			
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=319.680776682805	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0			
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1982.42542337864	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0			

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
S11=-1982.42542337864 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
S11=1728.3995914215 IsS11Max=Yes IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
S11=1728.3995914215 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0
X2=0 X3=0 S11=-317.493276682805 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1
X2=-0.175 X3=-0.5 S11=-2128.09185863671 IsS11Max=No IsS11Min=Yes FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2
X2=-0.175 X3=0.5 S11=-2128.09185863671 IsS11Max=No IsS11Min=No FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3
X2=0.175 X3=-0.5 S11=1876.73219040095 IsS11Max=Yes IsS11Min=No FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4
X2=0.175 X3=0.5 S11=1876.73219040095 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=8.75000000000004E-02

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-
353.909958859843 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
S11=-2436.21950914118 IsS11Max=No IsS11Min=Yes FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
S11=-2436.21950914118 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
S11=1343.06387001302 IsS11Max=Yes IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
S11=1343.06387001302 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0
X2=0 X3=0 S11=-351.722458859843 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1
X2=-0.175 X3=-0.5 S11=-2580.17710812063 IsS11Max=No IsS11Min=Yes FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2
X2=-0.175 X3=0.5 S11=-2580.17710812063 IsS11Max=No IsS11Min=No FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3
X2=0.175 X3=-0.5 S11=1470.2521055022 IsS11Max=Yes IsS11Min=No FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4
X2=0.175 X3=0.5 S11=1470.2521055022 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=8.75000000000004E-02

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0 S11=-
124.392857142747 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
S11=-470.34291382353 IsS11Max=No IsS11Min=Yes FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
S11=-470.34291382353 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
S11=4029.57135694854 IsS11Max=Yes IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
S11=4029.57135694854 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0
X2=0 X3=0 S11=-122.205357142747 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1
X2=-0.175 X3=-0.5 S11=-488.428622870169 IsS11Max=No IsS11Min=Yes FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2
X2=-0.175 X3=0.5 S11=-488.428622870169 IsS11Max=No IsS11Min=No FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3
X2=0.175 X3=-0.5 S11=4197.11780867153 IsS11Max=Yes IsS11Min=No FrameElem=27
ElemStation=8.75000000000004E-02

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4
X2=0.175 X3=0.5 S11=4197.11780867153 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=8.75000000000004E-02

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-
528.593470708868 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
S11=-5050.51582076836 IsS11Max=No IsS11Min=Yes FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
S11=-5050.51582076836 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
S11=221.557199538025 IsS11Max=Yes IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
S11=221.557199538025 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=0

Frame=27 Station=8.75000000000004E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0
X2=0 X3=0 S11=-526.25144932134 IsS11Max=No IsS11Min=No FrameElem=27 ElemStation=8.75000000000004E-02



Frame=27	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1							
X2=-0.175	X3=-0.5	S11=-5211.27002564104	IsS11Max=No	IsS11Min=Yes	FrameElem=27							
ElemStation=8.75000000000004E-02												
Frame=27	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2							
X2=-0.175	X3=0.5	S11=-5211.27002564104	IsS11Max=No	IsS11Min=No	FrameElem=27							
ElemStation=8.75000000000004E-02												
Frame=27	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3							
X2=0.175	X3=-0.5	S11=244.017908584664	IsS11Max=Yes	IsS11Min=No	FrameElem=27							
ElemStation=8.75000000000004E-02												
Frame=27	Station=8.75000000000004E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4							
X2=0.175	X3=0.5	S11=244.017908584664	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=8.75000000000004E-02						
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-317.493276682613	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=-2128.09185863649	IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=-2128.09185863649	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=1876.73219040155	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=1876.73219040155	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-315.305776682613	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=-2245.37096184957	IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=-2245.37096184957	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=2028.15776145549	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=2028.15776145549	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-351.722458859345	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-2580.17710812023	IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-2580.17710812023	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=1470.25210550279	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=1470.25210550279	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-349.534958859345	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	S11=-2727.22767917417	IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	S11=-2727.22767917417	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	S11=1568.71561171194	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	S11=1568.71561171194	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-122.205357142622	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=-488.428622870025	IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=-488.428622870025	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=4197.11780867434	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	S11=4197.11780867434	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-120.017857142622	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	S11=-508.481007448578	IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	S11=-508.481007448578	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02
Frame=28	Station=8.74999999999995E-02	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	S11=4341.47276210817	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=8.74999999999995E-02

Frame=28 Station=8.74999999999995E-02 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4
 X2=0.175 X3=0.5 S11=4341.47276210817 IsS11Max=No IsS11Min=No FrameElem=28 ElemStation=8.74999999999995E-02

Frame=28 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-526.251449320268 IsS11Max=No IsS11Min=No FrameElem=28 ElemStation=0

Frame=28 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
 S11=-5211.27002564147 IsS11Max=No IsS11Min=Yes FrameElem=28 ElemStation=0

Frame=28 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
 S11=-5211.27002564147 IsS11Max=No IsS11Min=No FrameElem=28 ElemStation=0

Frame=28 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
 S11=244.017908584768 IsS11Max=Yes IsS11Min=No FrameElem=28 ElemStation=0

Frame=28 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
 S11=244.017908584768 IsS11Max=No IsS11Min=No FrameElem=28 ElemStation=0

Frame=28 Station=8.74999999999995E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=0
 X2=0 X3=0 S11=-523.909525253528 IsS11Max=No IsS11Min=No FrameElem=28 ElemStation=8.74999999999995E-02

Frame=28 Station=8.74999999999995E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=1
 X2=-0.175 X3=-0.5 S11=-5349.09382279052 IsS11Max=No IsS11Min=Yes FrameElem=28
 ElemStation=8.74999999999995E-02

Frame=28 Station=8.74999999999995E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=2
 X2=-0.175 X3=0.5 S11=-5349.09382279052 IsS11Max=No IsS11Min=No FrameElem=28
 ElemStation=8.74999999999995E-02

Frame=28 Station=8.74999999999995E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=3
 X2=0.175 X3=-0.5 S11=268.445293163322 IsS11Max=Yes IsS11Min=No FrameElem=28
 ElemStation=8.74999999999995E-02

Frame=28 Station=8.74999999999995E-02 OutputCase=ENVETA CaseType=Combination StepType=Min Point=4
 X2=0.175 X3=0.5 S11=268.445293163322 IsS11Max=No IsS11Min=No FrameElem=28 ElemStation=8.74999999999995E-02

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0
 S11=6.51728650011854 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
 S11=2123.74990151733 IsS11Max=Yes IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
 S11=2123.74990151733 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
 S11=-1428.02544638076 IsS11Max=No IsS11Min=Yes FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
 S11=-1428.02544638076 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=0 X2=0 X3=0
 S11=6.51728650011854 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
 S11=908.175724344214 IsS11Max=Yes IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
 S11=908.175724344214 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
 S11=-325.919520790361 IsS11Max=No IsS11Min=Yes FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
 S11=-325.919520790361 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0 S11=-67.8500411350555
 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
 S11=1437.59913378565 IsS11Max=Yes IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
 S11=1437.59913378565 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
 S11=-2142.74276727066 IsS11Max=No IsS11Min=Yes FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
 S11=-2142.74276727066 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=0 X2=0 X3=0
 S11=-67.8500411350555 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=1 X2=-0.175 X3=-0.5
 S11=335.493208195249 IsS11Max=Yes IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=2 X2=-0.175 X3=0.5
 S11=335.493208195249 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=3 X2=0.175 X3=-0.5
 S11=-927.168590097544 IsS11Max=No IsS11Min=Yes FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA5 CaseType=Combination StepType=Min Point=4 X2=0.175 X3=0.5
 S11=-927.168590097544 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0
 S11=185.360357446708 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
 S11=5601.40385370912 IsS11Max=Yes IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=2 X2=-0.175 X3=0.5
 S11=5601.40385370912 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=3 X2=0.175 X3=-0.5
 S11=-202.883777264188 IsS11Max=No IsS11Min=Yes FrameElem=29 ElemStation=0

Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max Point=4 X2=0.175 X3=0.5
 S11=-202.883777264188 IsS11Max=No IsS11Min=No FrameElem=29 ElemStation=0

Frame=29 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max Point=0 X2=0 X3=0
 S11=185.110360561587 IsS11Max=No IsS11Min=Yes FrameElem=29 ElemStation=0.25

Frame=29 Station=0.25 OutputCase=ENVETA CaseType=Combination StepType=Max Point=1 X2=-0.175 X3=-0.5
 S11=4158.46492667589 IsS11Max=Yes IsS11Min=No FrameElem=29 ElemStation=0.25

Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=4158.46492667589	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0.25			
Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=342.726201661217	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0.25			
Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=342.726201661217	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0.25			
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0			
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=117.203521423848	Iss11Max=Yes	Iss11Min=No	FrameElem=29	ElemStation=0			
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=117.203521423848	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0			
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-5231.71324790711	Iss11Max=No	Iss11Min=Yes	FrameElem=29	ElemStation=0			
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-5231.71324790711	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0			
Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	Iss11Max=Yes	Iss11Min=No	FrameElem=29	ElemStation=0.25			
Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-428.406457501556	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0.25			
Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-428.406457501556	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0.25			
Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-3790.57342806849	Iss11Max=No	Iss11Min=Yes	FrameElem=29	ElemStation=0.25			
Frame=29	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-3790.57342806849	Iss11Max=No	Iss11Min=No	FrameElem=29	ElemStation=0.25			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011852	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=908.175724344212	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=908.175724344212	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-325.919520790379	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-325.919520790379	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011852	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-148.488724926455	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-148.488724926455	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=697.556235507954	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=697.556235507954	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=67.8500411350555	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=335.493208195267	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=335.493208195267	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-927.168590097542	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-927.168590097542	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-67.8500411350555	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-684.521662507717	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-684.521662507717	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=126.034973577776	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=126.034973577776	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=185.110360561587	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=4158.4649266759	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=4158.4649266759	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=342.726201661194	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=342.726201661194	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=184.860363721507	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=2418.65199194416	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=2418.65199194416	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			

Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1103.64732314776	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=1103.64732314776	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-428.406457501534	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-428.406457501534	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-3790.5734280685	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-3790.5734280685	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	Iss11Max=Yes	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1126.53255055832	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1126.53255055832	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-2060.29309846557	Iss11Max=No	Iss11Min=Yes	FrameElem=30	ElemStation=0.25			
Frame=30	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-2060.29309846557	Iss11Max=No	Iss11Min=No	FrameElem=30	ElemStation=0.25			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011851	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-148.488724926416	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-148.488724926416	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=697.556235508009	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=697.556235508009	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011851	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1044.90767223397	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-1044.90767223397	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1523.28378704733	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=1523.28378704733	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=67.8500411350555	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-684.521662507772	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-684.521662507772	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=126.034973577737	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=126.034973577737	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-67.8500411350555	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=0.5	S11=-1510.24921404709	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0.25		
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1510.24921404709	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=1022.45392088529	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=1022.45392088529	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=184.860363721507	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=2418.65199194425	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=2418.65199194425	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1103.64732314782	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=1103.64732314782	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0			
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=184.610366927454	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=572.498342471972	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=572.498342471972	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25			
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1872.20571077858	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0.25			

Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=1872.20571077858	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25					
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
115.477012757669	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0					
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-1126.53255055838	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0					
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-1126.53255055838	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0					
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-2060.29309846566	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0					
Frame=31	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-2060.29309846566	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0					
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
115.477012757669	Iss11Max=Yes	Iss11Min=No	FrameElem=31	ElemStation=0.25					
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-1895.09093818914	Iss11Max=No	Iss11Min=Yes	FrameElem=31	ElemStation=0.25					
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-1895.09093818914	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25					
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-234.880916905301	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25					
Frame=31	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-234.880916905301	Iss11Max=No	Iss11Min=No	FrameElem=31	ElemStation=0.25					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=6.51728650011853	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=-1044.907672234	Iss11Max=No	Iss11Min=Yes	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=-1044.907672234	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=1523.2837870473	Iss11Max=Yes	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=1523.2837870473	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=6.51728650011853	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-		
0.5	S11=-1722.3212294998	Iss11Max=No	Iss11Min=Yes	FrameElem=32	ElemStation=0.25				
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=-1722.3212294998	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=2099.08263995688	Iss11Max=Yes	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=2099.08263995688	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
67.8500411350554	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-1510.24921404706	Iss11Max=No	Iss11Min=Yes	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-1510.24921404706	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=1022.45392088533	Iss11Max=Yes	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=1022.45392088533	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0		
S11=-67.8500411350554	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-		
0.5	S11=-2086.04806695664	Iss11Max=No	Iss11Min=Yes	FrameElem=32	ElemStation=0.25				
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-2086.04806695664	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=1592.17838309806	Iss11Max=Yes	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=1592.17838309806	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=184.610366927454	Iss11Max=No	Iss11Min=Yes	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=572.498342471918	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=572.498342471918	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=1872.20571077856	Iss11Max=Yes	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=1872.20571077856	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0					
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=184.360370180442	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=-887.459121053746	Iss11Max=No	Iss11Min=Yes	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=-887.459121053746	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=2586.12308588935	Iss11Max=Yes	Iss11Min=No	FrameElem=32	ElemStation=0.25					
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=2586.12308588935	Iss11Max=No	Iss11Min=No	FrameElem=32	ElemStation=0.25					

Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
115.477012757669		IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1895.09093818912		IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1895.09093818912		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-234.880916905245		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-234.880916905245		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
115.477012757669		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.25			
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2358.45951193881		IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0.25			
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2358.45951193881		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.25			
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=662.062331406781		IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0.25			
Frame=32	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=662.062331406781		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.25			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=6.51728650011855		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-1722.32122949977		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-1722.32122949977		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2099.08263995685		IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2099.08263995685		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=6.51728650011855		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.25			
S11=-1992.2020032429		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-1992.2020032429		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2380.0797392474		IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2380.0797392474		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
67.8500411350555		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2086.04806695661		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2086.04806695661		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=1592.17838309803		IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=1592.17838309803		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-67.8500411350555		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.25			
S11=-2384.9097459529		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2384.9097459529		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=1856.50192097279		IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=1856.50192097279		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=184.360370180442		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-887.459121053705		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-887.459121053705		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2586.12308588928		IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2586.12308588928		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=184.110373481517		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-815.487309940777		IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-815.487309940777		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=4003.03036764872		IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=4003.03036764872		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25			
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
115.477012757669		IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			



Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2358.45951193878	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0				
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2358.45951193878	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0				
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=662.062331406737	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0				
Frame=33	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=662.062331406737	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0				
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
115.477012757669	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25				
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-3667.83347058929	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.25				
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-3667.83347058929	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25				
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=584.533284425439	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.25				
Frame=33	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=584.533284425439	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.25				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=6.51728650011851	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-1992.20200324284	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-1992.20200324284	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2380.07973924727	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2380.07973924727	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=6.51728650011851	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=-1920.59102785435	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0.25			
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-1920.59102785435	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2411.70391647629	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2411.70391647629	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
67.8500411350555	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2384.90974595277	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2384.90974595277	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=1856.50192097273	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=1856.50192097273	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-67.8500411350555	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-2416.53392318179	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0.25			
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2416.53392318179	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=1784.89094558424	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=1784.89094558424	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=184.110373481518	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-815.487309940722	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-815.487309940722	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=4003.03036764863	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=4003.03036764863	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=183.860376831755	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-582.515009087219	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-582.515009087219	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=4963.79591571463	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=4963.79591571463	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.25				
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
115.477012757669	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-3667.8334705892	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0				

Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-3667.8334705892	Iss11Max=No	Iss11Min=No	FrameElem=34	ElemStation=0			
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=584.533284425383	Iss11Max=Yes	Iss11Min=No	FrameElem=34	ElemStation=0			
Frame=34	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=584.533284425383	Iss11Max=No	Iss11Min=No	FrameElem=34	ElemStation=0			
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	Iss11Max=No	Iss11Min=No	FrameElem=34	ElemStation=0.25			
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-4608.54205814658	Iss11Max=No	Iss11Min=Yes	FrameElem=34	ElemStation=0.25			
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-4608.54205814658	Iss11Max=No	Iss11Min=No	FrameElem=34	ElemStation=0.25			
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=351.56098357188	Iss11Max=Yes	Iss11Min=No	FrameElem=34	ElemStation=0.25			
Frame=34	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=351.56098357188	Iss11Max=No	Iss11Min=No	FrameElem=34	ElemStation=0.25			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011855	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1920.59102785437	Iss11Max=No	Iss11Min=Yes	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-1920.59102785437	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=2411.70391647625	Iss11Max=Yes	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=2411.70391647625	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011855	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1459.40276890772	Iss11Max=No	Iss11Min=Yes	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-1459.40276890772	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=2001.06163925454	Iss11Max=Yes	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=2001.06163925454	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=67.8500411350556	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-2416.53392318175	Iss11Max=No	Iss11Min=Yes	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-2416.53392318175	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=1784.89094558426	Iss11Max=Yes	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=1784.89094558426	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-67.8500411350556	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-2005.89164596005	Iss11Max=No	Iss11Min=Yes	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-2005.89164596005	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=1323.70268663761	Iss11Max=Yes	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=1323.70268663761	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=183.860376831755	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-582.515009087219	Iss11Max=No	Iss11Min=Yes	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-582.515009087219	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=4963.79591571439	Iss11Max=Yes	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=4963.79591571439	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=183.610380232264	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-193.016760151261	Iss11Max=No	Iss11Min=Yes	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-193.016760151261	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=5223.60481315199	Iss11Max=Yes	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=5223.60481315199	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-4608.54205814634	Iss11Max=No	Iss11Min=Yes	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-4608.54205814634	Iss11Max=No	Iss11Min=No	FrameElem=35	ElemStation=0			



Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=351.56098357188	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=351.56098357188	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-4859.73561527874	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-4859.73561527874	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-37.9372653640776	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0.25			
Frame=35	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-37.9372653640776	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.25			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011905	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1459.40276890736	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-1459.40276890736	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=2001.06163925425	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=2001.06163925425	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=6.51728650011905	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-553.150646635098	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-553.150646635098	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1074.60483552189	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=1074.60483552189	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=67.8500411350566	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-2005.89164595975	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-2005.89164595975	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=1323.70268663725	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=1323.70268663725	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-67.8500411350566	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1079.43484222739	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1079.43484222739	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=417.450564364985	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=417.450564364985	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=183.610380232258	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-193.016760151152	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-193.016760151152	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=5223.60481315139	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=5223.60481315139	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=183.360383684179	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=354.568927277413	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=354.568927277413	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=4584.98450548988	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=4584.98450548988	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=115.477012757669	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-4859.73561527814	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-4859.73561527814	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0			
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-37.9372653641874	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0			



Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-37.9372653641874	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
115.47701275767	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.25				
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-4218.33572266865	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.25				
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-4218.33572266865	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25				
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-585.522952792753	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25				
Frame=36	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-585.522952792753	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.25				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
266.173086827984	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2112.48203959297	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2112.48203959297	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-2165.36824414249	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-2165.36824414249	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-259.923086827984	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=1372.70484344468	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.25			
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1372.70484344468	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1551.27438353002	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1551.27438353002	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
297.796187165344	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1610.60750290499	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1610.60750290499	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2685.65984634212	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2685.65984634212	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-291.546187165344	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=1009.01364229252	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.25			
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1009.01364229252	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1933.38265019383	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1933.38265019383	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
88.8001883520777	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=4869.03427149653	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=4869.03427149653	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-712.34115972889	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-712.34115972889	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
82.9973362029956	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=3325.52860806357	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=3325.52860806357	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-447.728449392962	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-447.728449392962	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
360.164310501924	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=363.555445442388	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=363.555445442388	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-5273.41125023122	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-5273.41125023122	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				



Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
353.914310501924		IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25			
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=111.442735106464		IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.25			
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=111.442735106464		IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25			
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-3734.02861927153		IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.25			
Frame=37	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-3734.02861927153		IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.25			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
259.92308682798		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1372.70484344472		IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1372.70484344472		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1551.27438352997		IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1551.27438352997		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-253.67308682798		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=872.492441099419	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=872.492441099419		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-1047.24564088056		IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-1047.24564088056		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
291.546187165265		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=1009.01364229256		IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=1009.01364229256		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1933.38265019381		IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1933.38265019381		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-285.296187165265		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=517.484899643158	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=517.484899643158		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1443.08481542993		IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-1443.08481542993		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
82.9973362036513		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=3325.52860806296		IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=3325.52860806296		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-447.728449392817		IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-447.728449392817		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
77.1937917861021		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1921.85263065527		IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1921.85263065527		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-255.80942789169		IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-255.80942789169		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
353.914310501737		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=111.442735106609		IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=111.442735106609		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-3734.02861927223		IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0			
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-3734.02861927223		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
347.664310501737		IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			

Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-67.9762863945182	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-67.9762863945182	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-2346.18712119341	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.25			
Frame=38	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-2346.18712119341	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.25			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-253.673086827959	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=872.49244109952	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=872.49244109952	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-1047.24564088053	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-1047.24564088053	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-247.423086827959	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-
S11=0.5	S11=510.589085067834	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.25		
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=510.589085067834	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-664.140867524336	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-664.140867524336	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-285.296187165169	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=517.484899643249	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=517.484899643249	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1443.08481542985	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-1443.08481542985	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-279.046187165169	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-
S11=0.5	S11=146.880126287054	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.25		
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=146.880126287054	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1068.68145939816	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-1068.68145939816	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-77.19379178641	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=1921.85263065525	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=1921.85263065525	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-255.809427891627	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-255.809427891627	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-71.3895421985538	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=686.914584966827	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=686.914584966827	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-147.44294655502	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-147.44294655502	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-347.664310501633	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-67.9762863944565	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-67.9762863944565	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-2346.1871211938	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0			
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-2346.1871211938	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-341.414310501633	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-163.842767730581	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.25			



Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-163.842767730581	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1213.36873808752	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.25			
Frame=39	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-1213.36873808752	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.25			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=247.423086827939	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=510.589085067902	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=510.589085067902	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-664.140867524403	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-664.140867524403	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-241.173086827939	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=0.5	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=220.883992809353	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-395.433793378901	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-395.433793378901	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=279.046187165148	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=146.880126287162	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=146.880126287162	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1068.68145939819	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-1068.68145939819	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-272.796187165148	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=0.5	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-109.32694785834	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-766.476367139637	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-766.476367139637	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=71.3895421984879	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=686.914584967195	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=686.914584967195	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=-147.442946555486	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=-147.442946555486	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=65.5845742370285	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=241.492558035955	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=241.492558035955	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=563.910058383252	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=563.910058383252	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=341.414310501613	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-163.842767730557	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-163.842767730557	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-1213.36873808752	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-1213.36873808752	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=335.164310501613	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-703.784728311536	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-703.784728311536	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.25			

Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-903.16400265227	Iss11Max=No	Iss11Min=Yes	FrameElem=40	ElemStation=0.25				
Frame=40	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-903.16400265227	Iss11Max=No	Iss11Min=No	FrameElem=40	ElemStation=0.25				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
241.173086828026	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=220.883992809221	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=220.883992809221	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-395.433793378947	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-395.433793378947	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-234.923086828026	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=30.8064007718507	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0.25			
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=30.8064007718507	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-144.896078551052	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-144.896078551052	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
272.796187165236	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-109.326947858468	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-109.326947858468	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-766.476367139678	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-766.476367139678	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-266.546187165236	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-324.950095105	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25			
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-324.950095105	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-563.898775102322	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-563.898775102322	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
65.5845742370716	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=241.492558035794	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=241.492558035794	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=563.91005838335	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=563.91005838335	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
59.7788743891151	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=155.047710809486	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=155.047710809486	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1390.91232594411	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1390.91232594411	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
335.164310501634	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-703.78472831175	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-703.78472831175	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-903.164002652279	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-903.164002652279	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
328.914310501634	Iss11Max=Yes	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1513.43637472009	Iss11Max=No	Iss11Min=Yes	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1513.43637472009	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				
Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-779.481946579438	Iss11Max=No	Iss11Min=No	FrameElem=41	ElemStation=0.25				

Frame=41	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5			
S11=-779.481946579438		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.25					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-		
234.923086827993		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5			
S11=30.8064007718914		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5			
S11=30.8064007718914		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5			
S11=-144.896078551103		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5			
S11=-144.896078551103		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0			
S11=-228.673086827993		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-			
0.5	S11=-91.6173574263922		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25				
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5			
S11=-91.6173574263922		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5			
S11=6.86757993679455		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5			
S11=6.86757993679455		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-		
266.546187165215		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5			
S11=-324.950095104882		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5			
S11=-324.950095104882		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5			
S11=-563.898775102321		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5			
S11=-563.898775102321		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0			
S11=-260.296187165215		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-			
0.5	S11=-464.21375359278		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0.25				
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5			
S11=-464.21375359278		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5			
S11=-428.975016904038		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5			
S11=-428.975016904038		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-		
59.7788743889283		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5			
S11=155.047710809505		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5			
S11=155.047710809505		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5			
S11=1390.9123259442		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5			
S11=1390.9123259442		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-		
53.9724288236055		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5			
S11=196.466875997521		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5			
S11=196.466875997521		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5			
S11=2044.11117779901		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5			
S11=2044.11117779901		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-		
328.914310501654		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5			
S11=-1513.43637471979		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5			
S11=-1513.43637471979		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5			
S11=-779.481946579439		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5			
S11=-779.481946579439		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-		
322.664310501654		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5			
S11=-2169.07302089232		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5			
S11=-2169.07302089232		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5			
S11=-734.161886972805		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					
Frame=42	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5			
S11=-734.161886972805		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.25					

Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
228.673086828018		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-91.6173574263673		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-91.6173574263673		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=6.86757993685245		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=6.86757993685245		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-222.423086828018		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5		S11=-149.307029011602	IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25		
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-149.307029011602		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=63.8123494613266		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=63.8123494613266		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
260.296187165107		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-464.213753592888		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-464.213753592888		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-428.975016903846		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-428.975016903846		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-254.046187165107		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5		S11=-508.658523117362	IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0.25		
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-508.658523117362		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-358.785345318612		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-358.785345318612		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
53.9724288237079		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=196.466875997562		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=196.466875997562		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2044.1111779891		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2044.1111779891		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
48.1652233835541		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=259.78747409917		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=259.78747409917		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2485.06603992874		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2485.06603992874		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
322.664310501529		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2169.07302089245		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2169.07302089245		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-734.161886972576		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-734.161886972576		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
316.414310501529		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2609.94584054299		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2609.94584054299		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-764.284076605856		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=43	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-764.284076605856		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.25			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
222.423086828018		IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0			

Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-149.307029011804	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-149.307029011804	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=63.8123494615554	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=63.8123494615554	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-216.173086828018	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=-105.578643922054	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25			
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-105.578643922054	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=32.4645001055648	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=32.4645001055648	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
254.046187165227	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-508.658523117591	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-508.658523117591	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-358.78534531865	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-358.78534531865	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-247.796187165227	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-464.810673761601	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.25			
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-464.810673761601	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-390.0137304084	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-390.0137304084	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
48.165223383598	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=259.787474099148	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=259.787474099148	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2485.06603992955	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2485.06603992955	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
42.3572435756837	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=381.693475176355	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=381.693475176355	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2685.49224465164	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2685.49224465164	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
316.414310501633	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2609.9458405439	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2609.9458405439	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-764.284076605858	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-764.284076605858	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
310.164310501633	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2806.61486098919	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2806.61486098919	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-906.532485541416	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=44	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-906.532485541416	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.25				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
369.68077668349	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-311.960618882281	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				

Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-311.960618882281		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=-37.2879436863158		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=-37.2879436863158		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-363.43077668349		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=-401.27471310513	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-401.27471310513		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=21.1008421328864		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=21.1008421328864		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
403.909958860679		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-748.11740645373		IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-748.11740645373		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-449.815502066011		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-449.815502066011		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-397.659958860679		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-794.006192272932	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-794.006192272932		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-348.001407843162		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-348.001407843162		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
174.392857142933		IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=2302.06672867647		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=2302.06672867647		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=502.768189723832		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=502.768189723832		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
168.142857142933		IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1377.84439301419		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1377.84439301419		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=371.571120834677		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=371.571120834677		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
582.150525932936		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1187.28653192325		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1187.28653192325		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-3239.28305533554		IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0			
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-3239.28305533554		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
575.453378082018		IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1156.20431686219		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1156.20431686219		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2285.86719429372		IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.25			
Frame=45	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2285.86719429372		IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.25			
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
363.430776683195		IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0			
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-401.274713104729		IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0			
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-401.274713104729		IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0			



Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=21.1008421331245	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=21.1008421331245	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-357.180776683195	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-504.026352320474	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-504.026352320474	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=131.216477545683	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=131.216477545683	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-397.659958860342
S11=131.216477545683	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-794.006192272581	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-794.006192272581	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-348.001407842889	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-348.001407842889	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-391.409958860342	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-891.621827685139	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-891.621827685139	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-210.335201045917	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-210.335201045917	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-168.142857142871
S11=1377.84439301521	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=1377.84439301521	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=1377.84439301521	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=371.571120834868	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=371.571120834868	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-161.892857142871
S11=371.571120834868	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=425.016102062742	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=425.016102062742	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=370.323286682717	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=370.323286682717	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-575.453378081295
S11=370.323286682717	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1156.2043168619	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1156.2043168619	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-2285.86719429332	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-2285.86719429332	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-568.756922498844
S11=-1176.84895139418	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1176.84895139418	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1292.14199471837	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.25				
Frame=46	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-1292.14199471837	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.25				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-357.180776682979
S11=131.216477545999	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-504.026352320241	IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-504.026352320241	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=131.216477545999	IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0				

Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=131.216477545999		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=-350.930776682979		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-		
0.5	S11=-599.775463652514		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.25			
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=-599.775463652514		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=273.18578208589		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=273.18578208589		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
391.409958860006		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-891.621827684824		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-891.621827684824		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-210.335201045718		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-210.335201045718		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0		
S11=-385.159958860006		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-		
0.5	S11=-1021.09113222472		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.25			
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-1021.09113222472		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-102.086089713445		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-102.086089713445		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
161.892857142788		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=425.016102063581		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=425.016102063581		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=370.323286682945		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=370.323286682945		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
155.642857142788		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=-147.442946555303		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=-147.442946555303		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=435.321590342537		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=435.321590342537		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
568.756922498349		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-1176.84895139391		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-1176.84895139391		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-1292.14199471826		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0				
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-1292.14199471826		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
562.061172086205		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5		
S11=-1259.73226201113		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5		
S11=-1259.73226201113		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5		
S11=-300.065877798514		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=47	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5		
S11=-300.065877798514		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.25				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
350.930776682688		IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5		
S11=-599.775463652149		IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5		
S11=-599.775463652149		IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5		
S11=273.18578208613		IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5		
S11=273.18578208613		IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				

Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-344.680776682688	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=-772.550845066914	IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0.25			
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-772.550845066914	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=444.520696699831	IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=444.520696699831	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
385.159958859707	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1021.09113222444	IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1021.09113222444	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-102.086089713228	IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-102.086089713228	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-378.909958859707	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-1179.92604683814	IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0.25			
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1179.92604683814	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=83.1892917015366	IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=83.1892917015366	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
155.642857142663	IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-147.442946555178	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-147.442946555178	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=435.321590342765	IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=435.321590342765	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
149.392857142663	IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-116.102735301527	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-116.102735301527	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1002.12458639611	IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1002.12458639611	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
562.061172085425	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1259.73226201028	IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1259.73226201028	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-300.065877798053	IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-300.065877798053	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
555.366140046884	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2104.1541100623	IsS11Max=No	IsS11Min=Yes	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2104.1541100623	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-182.682978983802	IsS11Max=Yes	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=48	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-182.682978983802	IsS11Max=No	IsS11Min=No	FrameElem=48	ElemStation=0.25				
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
344.680776682871	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0				
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-772.550845067172	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0				
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-772.550845067172	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0				
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=444.520696699591	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0				
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=444.520696699591	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0				
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-338.430776682871	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25				



Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
0.5	S11=-985.908930980721	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0.25		
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-985.908930980721	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=672.650457835147	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=672.650457835147	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-378.909958859889	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1179.92604683827	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1179.92604683827	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=83.1892917014281	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=83.1892917014281	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-372.659958859889	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1395.55580797381	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1395.55580797381	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=309.047377614966	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=309.047377614966	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-149.392857142747	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-116.102735301612	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-116.102735301612	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1002.12458639609	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=1002.12458639609	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-143.142857142747	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-125.345228546674	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-125.345228546674	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1864.29624779615	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=1864.29624779615	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-555.366140047253	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-2104.15411006301	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-2104.15411006301	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-182.682978983884	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-182.682978983884	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-548.671839895209	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-2958.74162563977	IsS11Max=No	IsS11Min=Yes	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-2958.74162563977	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-160.940485738833	IsS11Max=Yes	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=49	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-160.940485738833	IsS11Max=No	IsS11Min=No	FrameElem=49	ElemStation=0.25			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-338.430776682742	IsS11Max=No	IsS11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-985.908930980592	IsS11Max=No	IsS11Min=Yes	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-985.908930980592	IsS11Max=No	IsS11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=672.650457835134	IsS11Max=Yes	IsS11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=672.650457835134	IsS11Max=No	IsS11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-332.180776682742	IsS11Max=No	IsS11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1262.80905863919	IsS11Max=No	IsS11Min=Yes	FrameElem=50	ElemStation=0.25			



Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-1262.80905863919	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=948.405275825255	Iss11Max=Yes	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=948.405275825255	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=372.659958859794	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1395.55580797361	Iss11Max=No	Iss11Min=Yes	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1395.55580797361	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=309.047377615093	Iss11Max=Yes	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=309.047377615093	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-366.409958859794	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-1681.22519354483	Iss11Max=No	Iss11Min=Yes	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-1681.22519354483	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=598.447505273687	Iss11Max=Yes	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=598.447505273687	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=143.142857142684	Iss11Max=No	Iss11Min=Yes	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-125.345228546611	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-125.345228546611	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=1864.29624779617	Iss11Max=Yes	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=1864.29624779617	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=136.892857142684	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-198.129763536536	Iss11Max=No	Iss11Min=Yes	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-198.129763536536	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=2700.07151199262	Iss11Max=Yes	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=2700.07151199262	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=548.671839895046	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-2958.74162563948	Iss11Max=No	Iss11Min=Yes	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-2958.74162563948	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-160.940485738772	Iss11Max=Yes	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-160.940485738772	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=541.978285460368	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5
S11=-3767.17412533867	Iss11Max=No	Iss11Min=Yes	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5
S11=-3767.17412533867	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5
S11=-75.6559507488471	Iss11Max=Yes	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=50	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5
S11=-75.6559507488471	Iss11Max=No	Iss11Min=No	FrameElem=50	ElemStation=0.25			
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=332.180776682771	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0			
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1262.80905863907	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0			
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-1262.80905863907	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0			
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5
S11=948.405275825195	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0			
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5
S11=948.405275825195	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0			
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-325.930776682771	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25			
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5
S11=-1597.15664613259	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0.25			
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5
S11=-1597.15664613259	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25			



Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1323.13359949402	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1323.13359949402	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
366.409958859823	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-1681.22519354483	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-1681.22519354483	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=598.447505273514	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=598.447505273514	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-360.159958859823	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-2043.45351721366	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0.25			
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2043.45351721366	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=945.295092767037	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=945.295092767037	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
136.892857142747	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-198.129763536599	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-198.129763536599	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=2700.07151199258	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=2700.07151199258	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
130.642857142747	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-328.361758361525	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-328.361758361525	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=3435.99265289226	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=3435.99265289226	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
541.978285460282	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-3767.17412533846	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-3767.17412533846	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=-75.6559507489094	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=-75.6559507489094	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
535.285490900436	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-4478.19095412215	Iss11Max=No	Iss11Min=Yes	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-4478.19095412215	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=67.0760440760164	Iss11Max=Yes	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=51	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=67.0760440760164	Iss11Max=No	Iss11Min=No	FrameElem=51	ElemStation=0.25				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
325.930776682634	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-1597.15664613238	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-1597.15664613238	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1323.13359949405	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1323.13359949405	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-319.680776682634	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-	
0.5	S11=-1982.4254233784	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0.25			
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-1982.4254233784	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=1728.39959142168	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0.25				



Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=1728.39959142168	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
360.159958859619	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-2043.45351721328	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2043.45351721328	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=945.295092767101	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=945.295092767101	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-353.909958859619	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-	
0.5	S11=-2436.2195091409	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0.25			
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-2436.2195091409	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=1343.06387001312	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=1343.06387001312	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
130.642857142643	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-328.361758361419	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-328.361758361419	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=3435.99265289188	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=3435.99265289188	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
124.392857142643	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.175	X3=-0.5	
S11=-470.342913823427	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.175	X3=0.5	
S11=-470.342913823427	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.175	X3=-0.5	
S11=4029.57135694886	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.175	X3=0.5	
S11=4029.57135694886	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
535.285490900275	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-4478.19095412139	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-4478.19095412139	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=67.0760440761188	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=67.0760440761188	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
528.593470708188	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.175	X3=-0.5	
S11=-5050.51582076717	Iss11Max=No	Iss11Min=Yes	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.175	X3=0.5	
S11=-5050.51582076717	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.175	X3=-0.5	
S11=221.557199538129	Iss11Max=Yes	Iss11Min=No	FrameElem=52	ElemStation=0.25				
Frame=52	Station=0.25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.175	X3=0.5	
S11=221.557199538129	Iss11Max=No	Iss11Min=No	FrameElem=52	ElemStation=0.25				

TABLE: "ELEMENT JOINT FORCES - FRAMES"

Frame=1	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=24.5031406617852	F2=0	
F3=77.4454153922619	M1=0	M2=3.53779595299011	M3=0	FrameElem=1			
Frame=1	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-7.12504969760953	F2=0	
F3=-60.8501052385396	M1=0	M2=-0.504125249053615	M3=0	FrameElem=1			
Frame=1	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=6.49154968816964	F2=0	
F3=67.3613302889517	M1=0	M2=-5.96592250149357	M3=0	FrameElem=1			
Frame=1	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-25.1366406712251	F2=0	
F3=-70.4413903345065	M1=0	M2=-9.14704625731787	M3=0	FrameElem=1			
Frame=1	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=35.2311758434384	F2=0	
F3=97.3362586754699	M1=0	M2=55.673591532811	M3=0	FrameElem=1			
Frame=1	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-2.39671006246192	F2=0	F3=-
2.27532239266827	M1=0	M2=10.453179792949	M3=0	FrameElem=1			
Frame=1	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=1.63098223724263	F2=0	
F3=7.1419161607631	M1=0	M2=-17.3301083520533	M3=0	FrameElem=1			
Frame=1	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-35.2311758434384	F2=0	F3=-
89.3632586754699	M1=0	M2=-56.7398529846027	M3=0	FrameElem=1			
Frame=2	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=25.1366406712696	F2=0	
F3=70.4413903345304	M1=0	M2=9.14704625731869	M3=0	FrameElem=2			



Frame=2	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-7.7585497070916	F2=0	F3=-
54.3388801881353	M1=0	M2=-6.29993938015857	M3=0	FrameElem=2			
Frame=2	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=7.12504969765171	F2=0	
F3=60.8501052385474	M1=0	M2=0.504125249051255	M3=0	FrameElem=2			
Frame=2	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-25.7701406807095	F2=0	
F3=-63.437365276775	M1=0	M2=-14.247945796623	M3=0	FrameElem=2			
Frame=2	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=35.23117584344	F2=0	
F3=89.3632586755355	M1=0	M2=56.7398529846071	M3=0	FrameElem=2			
Frame=2	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-3.06871007241544	F2=0	
F3=2.61910677706461	M1=0	M2=7.1881993241986	M3=0	FrameElem=2			
Frame=2	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=2.39671006240186	F2=0	
F3=2.27532239261529	M1=0	M2=-10.4531797929505	M3=0	FrameElem=2			
Frame=2	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-35.23117584344	F2=0	F3=-
81.3902586755355	M1=0	M2=-57.4653910645721	M3=0	FrameElem=2			
Frame=4	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=40.2501408964532	F2=0	F3=-
90.5665716374124	M1=0	M2=-20.7952014124296	M3=0	FrameElem=4			
Frame=4	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-22.8720499322774	F2=0	
F3=107.581210427824	M1=0	M2=38.8247776977361	M3=0	FrameElem=4			
Frame=4	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=22.2385499228375	F2=0	F3=-
100.577185370069	M1=0	M2=-29.7178478815799	M3=0	FrameElem=4			
Frame=4	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-40.8836409058931	F2=0	
F3=97.0777966878245	M1=0	M2=29.5589081624993	M3=0	FrameElem=4			
Frame=4	Joint=24	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=44.2521643553459	F2=0	F3=-
35.7499999999835	M1=0	M2=-1.12745077708571	M3=0	FrameElem=4			
Frame=4	Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-6.2304548945706	F2=0	
F3=166.319802607297	M1=0	M2=84.6077924207545	M3=0	FrameElem=4			
Frame=4	Joint=24	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=6.2304548945706	F2=0	F3=-
157.649106776977	M1=0	M2=-71.173528823338	M3=0	FrameElem=4			
Frame=4	Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-45.044039355346	F2=0	
F3=38.8781249999835	M1=0	M2=4.39243124583452	M3=0	FrameElem=4			
Frame=5	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=40.8836409057952	F2=0	F3=-
97.0777966877479	M1=0	M2=-29.558908162496	M3=0	FrameElem=5			
Frame=5	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-23.5055499416216	F2=0	
F3=114.585235485444	M1=0	M2=48.5445597064317	M3=0	FrameElem=5			
Frame=5	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=22.8720499321817	F2=0	F3=-
107.581210427689	M1=0	M2=-38.8247776977313	M3=0	FrameElem=5			
Frame=5	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-41.517140915235	F2=0	
F3=103.58902173816	M1=0	M2=38.9354671051101	M3=0	FrameElem=5			
Frame=5	Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=45.0440393552239	F2=0	F3=-
38.8781249999508	M1=0	M2=-4.39243124583406	M3=0	FrameElem=5			
Frame=5	Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-6.23045489457155	F2=0	
F3=175.018333839056	M1=0	M2=98.8891640182629	M3=0	FrameElem=5			
Frame=5	Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=6.23045489457155	F2=0	F3=-
166.31980260715	M1=0	M2=-84.6077924207464	M3=0	FrameElem=5			
Frame=5	Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-45.8359143552239	F2=0	
F3=42.0062499999508	M1=0	M2=7.93112265208033	M3=0	FrameElem=5			
Frame=6	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=25.7701406807113	F2=0	
F3=63.4373652767566	M1=0	M2=14.2479457966241	M3=0	FrameElem=6			
Frame=6	Joint=3	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-9.56854973406653	F2=0	F3=-
35.7353800440828	M1=0	M2=-18.5398592408617	M3=0	FrameElem=6			
Frame=6	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=7.75854970709543	F2=0	
F3=54.3388801881174	M1=0	M2=6.29993938015824	M3=0	FrameElem=6			
Frame=6	Joint=3	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-27.5801407076824	F2=0	F3=-
43.4258651117412	M1=0	M2=-26.6252122635078	M3=0	FrameElem=6			
Frame=6	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=35.2311758434681	F2=0	
F3=81.3902586754949	M1=0	M2=57.4653910645675	M3=0	FrameElem=6			
Frame=6	Joint=3	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-4.98871010108653	F2=0	
F3=16.8132493602005	M1=0	M2=-0.632113175799324	M3=0	FrameElem=6			
Frame=6	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=3.0687100724763	F2=0	F3=-
2.6191067770979	M1=0	M2=-7.18819932419851	M3=0	FrameElem=6			
Frame=6	Joint=3	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-35.2311758434681	F2=0	F3=-
58.6102586754949	M1=0	M2=-59.8728527272576	M3=0	FrameElem=6			
Frame=7	Joint=3	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=27.5801407076668	F2=0	
F3=43.4258651117525	M1=0	M2=26.6252122635059	M3=0	FrameElem=7			
Frame=7	Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-11.3785497610219	F2=0	F3=-
17.1318799000559	M1=0	M2=-26.1289040655577	M3=0	FrameElem=7			
Frame=7	Joint=3	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=9.56854973405079	F2=0	
F3=35.7353800440905	M1=0	M2=18.5398592408608	M3=0	FrameElem=7			
Frame=7	Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-29.3901407346379	F2=0	F3=-
23.4143649467371	M1=0	M2=-34.1350019100369	M3=0	FrameElem=7			
Frame=7	Joint=3	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=35.2311758434373	F2=0	
F3=58.6102586755046	M1=0	M2=59.872852727261	M3=0	FrameElem=7			
Frame=7	Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-6.23045489457038	F2=0	
F3=31.5020051208453	M1=0	M2=-6.21805067579841	M3=0	FrameElem=7			
Frame=7	Joint=3	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=4.9887101010962	F2=0	F3=-
16.8132493601538	M1=0	M2=0.632113175798363	M3=0	FrameElem=7			
Frame=7	Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-35.2311758434373	F2=0	F3=-
35.8302586755046	M1=0	M2=-58.9431081563661	M3=0	FrameElem=7			
Frame=8	Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=29.3901407346705	F2=0	
F3=23.4143649467174	M1=0	M2=34.1350019100357	M3=0	FrameElem=8			
Frame=8	Joint=5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-13.1885497880256	F2=0	
F3=1.47162024398823	M1=0	M2=-29.0670738542435	M3=0	FrameElem=8			

Frame=8 Joint=4 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=11.3785497610545 F2=0		
F3=17.1318799000464 M1=0 M2=26.128904065558 M3=0 FrameElem=8		
Frame=8 Joint=5 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=-31.2001407616416 F2=0 F3=-		
3.40286478170192 M1=0 M2=-37.4871556260882 M3=0 FrameElem=8		
Frame=8 Joint=4 OutputCase=ENVETA CaseType=Combination StepType=Max F1=35.2311758434373 F2=0		
F3=35.8302586754827 M1=0 M2=58.943108156363 M3=0 FrameElem=8		
Frame=8 Joint=5 OutputCase=ENVETA CaseType=Combination StepType=Max F1=-6.23045489457044 F2=0		
F3=47.0773730252017 M1=0 M2=-9.56961317579562 M3=0 FrameElem=8		
Frame=8 Joint=4 OutputCase=ENVETA CaseType=Combination StepType=Min F1=6.23045489457044 F2=0 F3=-		
31.5020051208649 M1=0 M2=6.21805067579849 M3=0 FrameElem=8		
Frame=8 Joint=5 OutputCase=ENVETA CaseType=Combination StepType=Min F1=-35.2311758434373 F2=0 F3=-		
13.0502586754827 M1=0 M2=-53.5532723899366 M3=0 FrameElem=8		
Frame=9 Joint=5 OutputCase=ENVETA5 CaseType=Combination StepType=Max F1=31.2001407616276 F2=0		
F3=3.40286478170637 M1=0 M2=37.4871556260904 M3=0 FrameElem=9		
Frame=9 Joint=6 OutputCase=ENVETA5 CaseType=Combination StepType=Max F1=-14.9985498149828 F2=0		
F3=20.5311847100219 M1=0 M2=-27.3543686069235 M3=0 FrameElem=9		
Frame=9 Joint=5 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=13.1885497880117 F2=0 F3=-		
1.47162024397731 M1=0 M2=29.0670738542439 M3=0 FrameElem=9		
Frame=9 Joint=6 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=-33.0101407885987 F2=0		
F3=16.1525710612991 M1=0 M2=-35.8364343008896 M3=0 FrameElem=9		
Frame=9 Joint=5 OutputCase=ENVETA CaseType=Combination StepType=Max F1=35.2311758434664 F2=0		
F3=13.0502586754884 M1=0 M2=53.553272389939 M3=0 FrameElem=9		
Frame=9 Joint=6 OutputCase=ENVETA CaseType=Combination StepType=Max F1=-6.23045489457044 F2=0		
F3=64.0906951891329 M1=0 M2=-10.6868006757956 M3=0 FrameElem=9		
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Frame=9 Joint=6 OutputCase=ENVETA CaseType=Combination StepType=Min F1=-35.2311758434664 F2=0		
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Frame=10 Joint=6 OutputCase=ENVETA CaseType=Combination StepType=Max F1=35.2311758434372 F2=0		
F3=4.46887012402645E-13 M1=0 M2=43.0485726379947 M3=0 FrameElem=10		
Frame=10 Joint=7 OutputCase=ENVETA CaseType=Combination StepType=Max F1=-6.23045489457044 F2=0		
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Frame=11 Joint=8 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=-36.6301408425362 F2=0		
F3=53.3595713493486 M1=0 M2=-17.5263665267362 M3=0 FrameElem=11		
Frame=11 Joint=7 OutputCase=ENVETA CaseType=Combination StepType=Max F1=37.4646643553775 F2=0 F3=-		
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Frame=11 Joint=8 OutputCase=ENVETA CaseType=Combination StepType=Max F1=-6.23045489457045 F2=0		
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Frame=11 Joint=7 OutputCase=ENVETA CaseType=Combination StepType=Min F1=6.23045489457045 F2=0 F3=-		
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F3=80.5656852050463 M1=0 M2=7.57025794143973 M3=0 FrameElem=12		
Frame=12 Joint=8 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=18.6185498688597 F2=0 F3=-		
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F3=71.9630714933955 M1=0 M2=-0.86702007779628 M3=0 FrameElem=12		
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Frame=12 Joint=9 OutputCase=ENVETA CaseType=Combination StepType=Max F1=-6.2304548945704 F2=0		
F3=133.085749360152 M1=0 M2=39.6730827493467 M3=0 FrameElem=12		
Frame=12 Joint=8 OutputCase=ENVETA CaseType=Combination StepType=Min F1=6.2304548945704 F2=0 F3=-		
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F3=26.8124999999983 M1=0 M2=-8.42627145690184 M3=0 FrameElem=12		
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Frame=13 Joint=24 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=-40.2501408964738 F2=0
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 Frame=13 Joint=9 OutputCase=ENVETA CaseType=Combination StepType=Max F1=41.9896643553717 F2=0 F3=-
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 F3=35.7499999999987 M1=0 M2=1.12745077708596 M3=0 FrameElem=13
 Frame=14 Joint=1 OutputCase=ENVETA5 CaseType=Combination StepType=Max F1=23.7475143972694 F2=0 F3=-
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 Frame=14 Joint=1 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=-2.28105027504148 F2=0
 F3=-103.471589863877 M1=0 M2=46.0352464773869 M3=0 FrameElem=14
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 F3=122.809677870618 M1=0 M2=-7.94279219036042 M3=0 FrameElem=14
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 Frame=15 Joint=60 OutputCase=ENVETA CaseType=Combination StepType=Min F1=-40.4169544651843 F2=0
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 Frame=17 Joint=59 OutputCase=ENVETA5 CaseType=Combination StepType=Max F1=23.7475143972698 F2=0
 F3=108.696461351522 M1=0 M2=-9.90822069562625 M3=0 FrameElem=17
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 F3=-135.310806603764 M1=0 M2=-14.2805441597946 M3=0 FrameElem=17
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 F3=126.362038337522 M1=0 M2=-1.01043723646347 M3=0 FrameElem=18
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 Frame=18 Joint=13 OutputCase=ENVETA CaseType=Combination StepType=Min F1=-40.4169544651842 F2=0
 F3=-170.525972362551 M1=0 M2=-20.3460962727851 M3=0 FrameElem=18
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 F3=105.759915507771 M1=0 M2=-46.0352464773881 M3=0 FrameElem=19
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 F3=-93.9262053898076 M1=0 M2=54.977766491194 M3=0 FrameElem=19
 Frame=19 Joint=1 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=-74.6322022870003 F2=0
 F3=94.6918303898076 M1=0 M2=-61.3289536785405 M3=0 FrameElem=19
 Frame=19 Joint=29 OutputCase=ENVETA5 CaseType=Combination StepType=Min F1=42.7891508953558 F2=0
 F3=-104.994290507771 M1=0 M2=42.1969536346066 M3=0 FrameElem=19

Frame=19	Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-12.7440447720575	F2=0	
F3=127.588758675571	M1=0	M2=-13.0232854579357	M3=0	FrameElem=19			
Frame=19	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=135.233895957476	F2=0	F3=-
31.7908588894785	M1=0	M2=115.070562878281	M3=0	FrameElem=19			
Frame=19	Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-138.252033496001	F2=0	
F3=32.5016229022393	M1=0	M2=-126.981169275696	M3=0	FrameElem=19			
Frame=19	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=11.6539902507809	F2=0	F3=-
126.823133675571	M1=0	M2=11.9560529222512	M3=0	FrameElem=19			
Frame=20	Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-42.7891508953524	F2=0	
F3=104.994290507818	M1=0	M2=-42.1969536346078	M3=0	FrameElem=20			
Frame=20	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=66.530432037749	F2=0	F3=-
93.1605803897987	M1=0	M2=48.9810317522539	M3=0	FrameElem=20			
Frame=20	Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-70.548672215567	F2=0	
F3=93.9262053897987	M1=0	M2=-54.9777664911955	M3=0	FrameElem=20			
Frame=20	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=40.6557873156052	F2=0	
F3=-104.228665507818	M1=0	M2=38.5464190844431	M3=0	FrameElem=20			
Frame=20	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-11.6539902507808	F2=0	
F3=126.823133675572	M1=0	M2=-11.9560529222512	M3=0	FrameElem=20			
Frame=20	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=132.024482490353	F2=0	F3=-
31.0800659234507	M1=0	M2=103.441720142093	M3=0	FrameElem=20			
Frame=20	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-135.233895957459	F2=0	
F3=31.7908588894623	M1=0	M2=-115.070562878288	M3=0	FrameElem=20			
Frame=20	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=10.588826686951	F2=0	F3=-
126.057508675572	M1=0	M2=10.9831111777901	M3=0	FrameElem=20			
Frame=22	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=15.0492108013703	F2=0	
F3=86.7286655078501	M1=0	M2=5.07635073322897	M3=0	FrameElem=22			
Frame=22	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-1.5528041545049	F2=0	
F3=-74.894955389822	M1=0	M2=4.32854187312524	M3=0	FrameElem=22			
Frame=22	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-0.142832299908809	F2=0	
F3=75.660580389822	M1=0	M2=-2.90360817454664	M3=0	FrameElem=22			
Frame=22	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-17.5098206600394	F2=0	
F3=-85.9630405078501	M1=0	M2=-4.40646743290208	M3=0	FrameElem=22			
Frame=22	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=24.5530960560177	F2=0	
F3=108.557508675616	M1=0	M2=56.0280105373654	M3=0	FrameElem=22			
Frame=22	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=2.43913819395983	F2=0	F3=-
14.1134927370309	M1=0	M2=14.8740448225129	M3=0	FrameElem=22			
Frame=22	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-6.51449296267333	F2=0	
F3=14.8250352513959	M1=0	M2=-12.6304282227632	M3=0	FrameElem=22			
Frame=22	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-27.3197808964432	F2=0	
F3=-107.791883675616	M1=0	M2=-56.1914814134279	M3=0	FrameElem=22			
Frame=23	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=17.5098206600203	F2=0	
F3=85.9630405077308	M1=0	M2=4.40646743289929	M3=0	FrameElem=23			
Frame=23	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-3.22354965145318	F2=0	
F3=-74.1293303898341	M1=0	M2=5.96592250149123	M3=0	FrameElem=23			
Frame=23	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=1.5528041544863	F2=0	
F3=74.8949553898341	M1=0	M2=-4.32854187312624	M3=0	FrameElem=23			
Frame=23	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-19.9051406250722	F2=0	
F3=-85.1974155077308	M1=0	M2=-3.53779595298991	M3=0	FrameElem=23			
Frame=23	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=27.3197808964452	F2=0	
F3=107.791883675455	M1=0	M2=56.1914814134088	M3=0	FrameElem=23			
Frame=23	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=1.05801773113441	F2=0	F3=-
13.4019161608344	M1=0	M2=17.3301083520517	M3=0	FrameElem=23			
Frame=23	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-2.43913819394038	F2=0	
F3=14.1134927374755	M1=0	M2=-14.8740448225139	M3=0	FrameElem=23			
Frame=23	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-30.8567861521753	F2=0	
F3=-107.026258675455	M1=0	M2=-55.6735915328027	M3=0	FrameElem=23			
Frame=24	Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=17.8375143972702	F2=0	
F3=142.899735601399	M1=0	M2=9.7734985265041	M3=0	FrameElem=24			
Frame=24	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=5.62110479631705	F2=0	
F3=-130.153896839354	M1=0	M2=1.81467346556468	M3=0	FrameElem=24			
Frame=24	Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-4.53105027504045	F2=0	
F3=130.919521839354	M1=0	M2=-2.07368432431589	M3=0	FrameElem=24			
Frame=24	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-14.9782843440787	F2=0	
F3=-142.134110601399	M1=0	M2=-8.39127821438959	M3=0	FrameElem=24			
Frame=24	Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=34.5069544651843	F2=0	
F3=205.39362709778	M1=0	M2=20.3460962727868	M3=0	FrameElem=24			
Frame=24	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=72.7252077188172	F2=0	F3=-
61.8031250000773	M1=0	M2=62.8760741954896	M3=0	FrameElem=24			
Frame=24	Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-70.0248851461087	F2=0	
F3=62.5687500000773	M1=0	M2=-69.0676349309846	M3=0	FrameElem=24			
Frame=24	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-31.6477244119928	F2=0	
F3=-204.573141110541	M1=0	M2=-18.1452480386133	M3=0	FrameElem=24			
Frame=25	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=14.9782843440783	F2=0	
F3=142.134110601143	M1=0	M2=8.39127821438944	M3=0	FrameElem=25			
Frame=25	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=6.6862683601452	F2=0	F3=-
129.388271839188	M1=0	M2=1.40726859916703	M3=0	FrameElem=25			
Frame=25	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-5.62110479631541	F2=0	
F3=130.153896839188	M1=0	M2=-1.81467346556409	M3=0	FrameElem=25			
Frame=25	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-12.1843441845038	F2=0	
F3=-141.368485601143	M1=0	M2=-7.25638409908372	M3=0	FrameElem=25			
Frame=25	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=31.6477244119925	F2=0	
F3=204.573141110443	M1=0	M2=18.1452480386129	M3=0	FrameElem=25			



Frame=25	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=75.1036745757342	F2=0	F3=-
61.037500000005	M1=0	M2=56.4716678062482	M3=0	FrameElem=25			
Frame=25	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-72.7252077188015	F2=0	F3=-
F3=61.803125000005	M1=0	M2=-62.8760741954873	M3=0	FrameElem=25			
Frame=25	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-28.853784252418	F2=0	F3=-
203.752684076454	M1=0	M2=-16.1957326305381	M3=0	FrameElem=25			
Frame=27	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-21.7677680268247	F2=0	F3=-
F3=123.868485600945	M1=0	M2=42.5138199849102	M3=0	FrameElem=27			
Frame=27	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=38.1961209685264	F2=0	F3=-
F3=-111.122646838982	M1=0	M2=-36.9663877148928	M3=0	FrameElem=27			
Frame=27	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-36.9598111281008	F2=0	F3=-
F3=111.888271838982	M1=0	M2=33.947703203374	M3=0	FrameElem=27			
Frame=27	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=22.239104462995	F2=0	F3=-
123.102860600945	M1=0	M2=-45.4976157557433	M3=0	FrameElem=27			
Frame=27	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-4.49267297967647	F2=0	F3=-
F3=185.007714748104	M1=0	M2=92.6552667568645	M3=0	FrameElem=27			
Frame=27	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=42.5148944085397	F2=0	F3=-
42.7718749999614	M1=0	M2=-7.47705834193474	M3=0	FrameElem=27			
Frame=27	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-41.7136851715076	F2=0	F3=-
F3=43.5374999999614	M1=0	M2=7.06314699056588	M3=0	FrameElem=27			
Frame=27	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=4.96400941584668	F2=0	F3=-
184.188007262469	M1=0	M2=-96.0075634699031	M3=0	FrameElem=27			
Frame=28	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-22.2391044629994	F2=0	F3=-
F3=123.102860600771	M1=0	M2=45.4976157557438	M3=0	FrameElem=28			
Frame=28	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=39.3671409153387	F2=0	F3=-
F3=-110.357021838915	M1=0	M2=-38.9354671051064	M3=0	FrameElem=28			
Frame=28	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-38.1961209685302	F2=0	F3=-
F3=111.122646838915	M1=0	M2=36.9663877148917	M3=0	FrameElem=28			
Frame=28	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=22.6855499417228	F2=0	F3=-
F3=-122.337235600771	M1=0	M2=-48.5445597064271	M3=0	FrameElem=28			
Frame=28	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-4.96400941584684	F2=0	F3=-
F3=184.188007262094	M1=0	M2=96.007563469929	M3=0	FrameElem=28			
Frame=28	Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=43.6859143553532	F2=0	F3=-
42.0062499999176	M1=0	M2=-7.93112265207982	M3=0	FrameElem=28			
Frame=28	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-42.5148944085447	F2=0	F3=-
F3=42.7718749999176	M1=0	M2=7.47705834193435	M3=0	FrameElem=28			
Frame=28	Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=5.41045489457024	F2=0	F3=-
183.368333838735	M1=0	M2=-98.8891640182478	M3=0	FrameElem=28			
Frame=29	Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972694	F2=0	F3=-
F3=-88.9115672565477	M1=0	M2=43.5537793272105	M3=0	FrameElem=29			
Frame=29	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.28105027504149	F2=0	F3=-
F3=100.365641135804	M1=0	M2=-6.75192160839468	M3=0	FrameElem=29			
Frame=29	Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.28105027504149	F2=0	F3=-
F3=-98.1781411358039	M1=0	M2=29.253250922532	M3=0	FrameElem=29			
Frame=29	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972694	F2=0	F3=-
F3=91.0990672565477	M1=0	M2=-18.7358065432596	M3=0	FrameElem=29			
Frame=29	Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651843	F2=0	F3=-
43.4643982789087	M1=0	M2=110.5880104518	M3=0	FrameElem=29			
Frame=29	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.7886261965554	F2=0	F3=-
F3=142.873877833075	M1=0	M2=7.87197922895345	M3=0	FrameElem=29			
Frame=29	Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.8761251063477	F2=0	F3=-
F3=-140.51672728422	M1=0	M2=3.26755784077371	M3=0	FrameElem=29			
Frame=29	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651843	F2=0	F3=-
F3=45.6518982789087	M1=0	M2=-81.1451630327608	M3=0	FrameElem=29			
Frame=30	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972694	F2=0	F3=-
F3=-77.7581536736885	M1=0	M2=18.7358065432593	M3=0	FrameElem=30			
Frame=30	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.28105027504148	F2=0	F3=-
F3=91.8373241241563	M1=0	M2=14.1087118755769	M3=0	FrameElem=30			
Frame=30	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.28105027504148	F2=0	F3=-
F3=-89.6498241241563	M1=0	M2=6.75192160839507	M3=0	FrameElem=30			
Frame=30	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972694	F2=0	F3=-
F3=79.9456536736885	M1=0	M2=2.80242942222959	M3=0	FrameElem=30			
Frame=30	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651843	F2=0	F3=-
30.5415994080297	M1=0	M2=81.1451630327597	M3=0	FrameElem=30			
Frame=30	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.7011273025274	F2=0	F3=-
F3=161.548521315165	M1=0	M2=22.7664195440829	M3=0	FrameElem=30			
Frame=30	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.7886261965554	F2=0	F3=-
F3=-159.24040169576	M1=0	M2=-7.87197922895303	M3=0	FrameElem=30			
Frame=30	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651843	F2=0	F3=-
F3=32.7290994080297	M1=0	M2=-45.7160157577912	M3=0	FrameElem=30			
Frame=31	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972694	F2=0	F3=-
F3=-62.6901662588425	M1=0	M2=-2.80242942223024	M3=0	FrameElem=31			
Frame=31	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.28105027504148	F2=0	F3=-
F3=77.9517978136543	M1=0	M2=30.9673160528391	M3=0	FrameElem=31			
Frame=31	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.28105027504148	F2=0	F3=-
F3=-75.7642978136543	M1=0	M2=-14.1087118755779	M3=0	FrameElem=31			
Frame=31	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972694	F2=0	F3=-
F3=64.8776662588425	M1=0	M2=21.1043162630929	M3=0	FrameElem=31			
Frame=31	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651843	F2=0	F3=-
17.8047904489692	M1=0	M2=45.7160157577918	M3=0	FrameElem=31			
Frame=31	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.6136284246088	F2=0	F3=-
F3=167.433107862917	M1=0	M2=38.4578199582125	M3=0	FrameElem=31			



Frame=31	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.7011273025273	F2=0	
F3=-165.181298692915	M1=0	M2=-22.7664195440842	M3=0	FrameElem=31			
Frame=31	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651843	F2=0	
F3=19.9922904489692	M1=0	M2=-8.2238601169864	M3=0	FrameElem=31			
Frame=32	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972694	F2=0	
F3=-43.6550103542401	M1=0	M2=-21.1043162630932	M3=0	FrameElem=32			
Frame=32	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.28105027504149	F2=0	
F3=58.690669810078	M1=0	M2=42.7232092997421	M3=0	FrameElem=32			
Frame=32	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.28105027504149	F2=0	
F3=-56.503169810078	M1=0	M2=-30.9673160528384	M3=0	FrameElem=32			
Frame=32	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972694	F2=0	
F3=45.8425103542401	M1=0	M2=33.89224699476	M3=0	FrameElem=32			
Frame=32	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651842	F2=0	F3=-
5.19139554143463	M1=0	M2=8.22386011698563	M3=0	FrameElem=32			
Frame=32	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.5261295631548	F2=0	
F3=158.027243681333	M1=0	M2=49.7185872258999	M3=0	FrameElem=32			
Frame=32	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.6136284246088	F2=0	
F3=-155.819907454986	M1=0	M2=-38.4578199582117	M3=0	FrameElem=32			
Frame=32	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651842	F2=0	
F3=7.37889554143463	M1=0	M2=15.8747616100243	M3=0	FrameElem=32			
Frame=33	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972694	F2=0	
F3=-20.4926722597718	M1=0	M2=-33.8922469947592	M3=0	FrameElem=33			
Frame=33	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.2810502750415	F2=0	
F3=33.9832212483956	M1=0	M2=48.6426009947523	M3=0	FrameElem=33			
Frame=33	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.2810502750415	F2=0	
F3=-31.7957212483956	M1=0	M2=-42.7232092997419	M3=0	FrameElem=33			
Frame=33	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972694	F2=0	
F3=22.6801722597718	M1=0	M2=39.2888525597018	M3=0	FrameElem=33			
Frame=33	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651843	F2=0	
F3=7.42528883680708	M1=0	M2=-15.8747616100236	M3=0	FrameElem=33			
Frame=33	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.438630718531	F2=0	
F3=133.994166357913	M1=0	M2=78.2886715600251	M3=0	FrameElem=33			
Frame=33	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.5261295631547	F2=0	
F3=-131.826503124776	M1=0	M2=-49.7185872258993	M3=0	FrameElem=33			
Frame=33	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651843	F2=0	
F3=-5.23778883680708	M1=0	M2=14.2918769008214	M3=0	FrameElem=33			
Frame=34	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972694	F2=0	
F3=7.90882286157862	M1=0	M2=-39.2888525597008	M3=0	FrameElem=34			
Frame=34	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.28105027504148	F2=0	
F3=4.6432343452187	M1=0	M2=49.2882612798425	M3=0	FrameElem=34			
Frame=34	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.28105027504148	F2=0	
F3=-2.4557343452187	M1=0	M2=-48.6426009947505	M3=0	FrameElem=34			
Frame=34	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972694	F2=0	
F3=-5.72132286157862	M1=0	M2=37.826795145519	M3=0	FrameElem=34			
Frame=34	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651843	F2=0	
F3=21.6574816679001	M1=0	M2=-14.2918769008208	M3=0	FrameElem=34			
Frame=34	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.3511318911144	F2=0	
F3=95.1799639804871	M1=0	M2=97.7111445433588	M3=0	FrameElem=34			
Frame=34	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.4386307185311	F2=0	
F3=-93.0567780117341	M1=0	M2=-78.288671560024	M3=0	FrameElem=34			
Frame=34	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651843	F2=0	
F3=-19.4699816679001	M1=0	M2=9.5353590917281	M3=0	FrameElem=34			
Frame=35	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972695	F2=0	
F3=41.6116028437299	M1=0	M2=-37.8267951455192	M3=0	FrameElem=35			
Frame=35	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.28105027504149	F2=0	
F3=-29.5878909433554	M1=0	M2=40.9043147865654	M3=0	FrameElem=35			
Frame=35	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.28105027504149	F2=0	
F3=31.7753909433554	M1=0	M2=-49.2882612798425	M3=0	FrameElem=35			
Frame=35	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972695	F2=0	
F3=-39.4241028437299	M1=0	M2=28.4108681920237	M3=0	FrameElem=35			
Frame=35	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651843	F2=0	
F3=55.4429446270239	M1=0	M2=-9.53535909172843	M3=0	FrameElem=35			
Frame=35	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.2636330812924	F2=0	
F3=40.6387544487761	M1=0	M2=102.932825055458	M3=0	FrameElem=35			
Frame=35	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.3511318911143	F2=0	
F3=-38.5718849034415	M1=0	M2=-97.7111445433578	M3=0	FrameElem=35			
Frame=35	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651843	F2=0	
F3=-53.2554446270239	M1=0	M2=1.5831031759519	M3=0	FrameElem=35			
Frame=36	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=23.7475143972698	F2=0	
F3=80.0372916978662	M1=0	M2=-28.4108681920177	M3=0	FrameElem=36			
Frame=36	Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.28105027504167	F2=0	
F3=-69.633937259179	M1=0	M2=21.9891550436906	M3=0	FrameElem=36			
Frame=36	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.28105027504167	F2=0	
F3=71.821437259179	M1=0	M2=-40.9043147865596	M3=0	FrameElem=36			
Frame=36	Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-23.7475143972698	F2=0	
F3=-77.8497916978662	M1=0	M2=9.90822069562547	M3=0	FrameElem=36			
Frame=36	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=40.4169544651844	F2=0	
F3=92.4821417916532	M1=0	M2=-1.58310317595029	M3=0	FrameElem=36			
Frame=36	Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=64.1761342894628	F2=0	F3=-
27.3180112296999	M1=0	M2=89.8671909126671	M3=0	FrameElem=36			
Frame=36	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-64.2636330812902	F2=0	
F3=29.3358558959833	M1=0	M2=-102.932825055444	M3=0	FrameElem=36			

Frame=36	Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-40.4169544651844	F2=0	
F3=-90.2946417916532	M1=0	M2=-9.59677127571667	M3=0	FrameElem=36			
Frame=37	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-40.6557873156079	F2=0	
F3=104.22866550787	M1=0	M2=-38.546419084443	M3=0	FrameElem=37			
Frame=37	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=55.4095064537076	F2=0	
F3=-90.9730803897943	M1=0	M2=33.7496431642263	M3=0	FrameElem=37			
Frame=37	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-66.5304320377468	F2=0	
F3=93.1605803897943	M1=0	M2=-48.9810317522539	M3=0	FrameElem=37			
Frame=37	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=34.6976170573636	F2=0	
F3=-102.04116550787	M1=0	M2=26.1362735969381	M3=0	FrameElem=37			
Frame=37	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-10.5888266869511	F2=0	
F3=126.057508675674	M1=0	M2=-10.9831111777901	M3=0	FrameElem=37			
Frame=37	Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=121.800760324998	F2=0	F3=-
F3=29.0490676710484	M1=0	M2=71.9439185791949	M3=0	FrameElem=37			
Frame=37	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-132.024482490379	F2=0	
F3=31.0800659232272	M1=0	M2=-103.441720142095	M3=0	FrameElem=37			
Frame=37	Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=7.68265647418514	F2=0	F3=-
F3=123.870008675674	M1=0	M2=5.70820584176497	M3=0	FrameElem=37			
Frame=38	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-34.6976170573679	F2=0	
F3=102.041165507843	M1=0	M2=-26.1362735969382	M3=0	FrameElem=38			
Frame=38	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.8215595930812	F2=0	
F3=-88.785580389793	M1=0	M2=23.6381844937374	M3=0	FrameElem=38			
Frame=38	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-55.4095064537161	F2=0	
F3=90.973080389793	M1=0	M2=-33.7496431642267	M3=0	FrameElem=38			
Frame=38	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=28.9426382884853	F2=0	
F3=-99.8536655078426	M1=0	M2=15.9732909345132	M3=0	FrameElem=38			
Frame=38	Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-7.68265647418516	F2=0	
F3=123.870008675608	M1=0	M2=-5.70820584176497	M3=0	FrameElem=38			
Frame=38	Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=110.015602008526	F2=0	F3=-
F3=27.0178271251357	M1=0	M2=43.4145728179518	M3=0	FrameElem=38			
Frame=38	Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-121.800760325003	F2=0	
F3=29.049067671278	M1=0	M2=-71.9439185791964	M3=0	FrameElem=38			
Frame=38	Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=4.9796777507809	F2=0	F3=-
F3=121.682508675608	M1=0	M2=1.91746331945029	M3=0	FrameElem=38			
Frame=39	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-28.9426382884903	F2=0	
F3=99.8536655078092	M1=0	M2=-15.9732909345136	M3=0	FrameElem=39			
Frame=39	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=34.7665914558544	F2=0	
F3=-86.5980803897858	M1=0	M2=16.1217201414238	M3=0	FrameElem=39			
Frame=39	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.821559593085	F2=0	
F3=88.7855803897858	M1=0	M2=-23.6381844937375	M3=0	FrameElem=39			
Frame=39	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=23.3908510089693	F2=0	
F3=-97.6661655078092	M1=0	M2=8.27917264515852	M3=0	FrameElem=39			
Frame=39	Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-4.97967775078065	F2=0	
F3=121.682508675572	M1=0	M2=-1.91746331945027	M3=0	FrameElem=39			
Frame=39	Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=96.6690075414238	F2=0	F3=-
F3=24.9863397694938	M1=0	M2=18.5703560828496	M3=0	FrameElem=39			
Frame=39	Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-110.01560200855	F2=0	
F3=27.0178271252435	M1=0	M2=-43.4145728179533	M3=0	FrameElem=39			
Frame=39	Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=2.4798905167381	F2=0	F3=-
F3=119.495008675572	M1=0	M2=-0.167414841162244	M3=0	FrameElem=39			
Frame=40	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-23.390851008981	F2=0	
F3=97.6661655078019	M1=0	M2=-8.27917264515982	M3=0	FrameElem=40			
Frame=40	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=25.2446020420452	F2=0	
F3=-84.4105803897786	M1=0	M2=10.0793036744785	M3=0	FrameElem=40			
Frame=40	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-34.7665914558716	F2=0	
F3=86.5980803897786	M1=0	M2=-16.1217201414243	M3=0	FrameElem=40			
Frame=40	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=16.9404145785766	F2=0	
F3=-95.4786655078019	M1=0	M2=2.92067404802132	M3=0	FrameElem=40			
Frame=40	Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-2.47989051673783	F2=0	
F3=119.495008675564	M1=0	M2=0.167414841162178	M3=0	FrameElem=40			
Frame=40	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=81.7609769241859	F2=0	F3=-
F3=22.95460098296	M1=0	M2=11.5966603814093	M3=0	FrameElem=40			
Frame=40	Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-96.6690075415016	F2=0	
F3=24.9863397694708	M1=0	M2=-18.5703560828524	M3=0	FrameElem=40			
Frame=40	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-0.918545868188239	F2=0	
F3=-117.307508675564	M1=0	M2=-12.9118303054724	M3=0	FrameElem=40			
Frame=41	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-16.9404145785831	F2=0	
F3=95.4786655078325	M1=0	M2=-2.92067404802118	M3=0	FrameElem=41			
Frame=41	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=16.2555913516349	F2=0	
F3=-82.2230803898091	M1=0	M2=6.07094867038114	M3=0	FrameElem=41			
Frame=41	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-25.244602042057	F2=0	
F3=84.4105803898091	M1=0	M2=-10.0793036744782	M3=0	FrameElem=41			
Frame=41	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=8.39740389480686	F2=0	
F3=-93.2911655078325	M1=0	M2=-1.838051418988	M3=0	FrameElem=41			
Frame=41	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0.918545868188553	F2=0	
F3=117.307508675572	M1=0	M2=12.9118303054742	M3=0	FrameElem=41			
Frame=41	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.2915101571369	F2=0	F3=-
F3=20.9226060361903	M1=0	M2=9.19908923658742	M3=0	FrameElem=41			
Frame=41	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-81.7609769241666	F2=0	
F3=22.954600982975	M1=0	M2=-11.5966603814089	M3=0	FrameElem=41			
Frame=41	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-6.40955650648642	F2=0	
F3=-115.120008675572	M1=0	M2=-29.6405481129655	M3=0	FrameElem=41			



Frame=42	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-8.39740389481028	F2=0	
F3=93.2911655078253	M1=0	M2=1.83805141898648	M3=0	FrameElem=42			
Frame=42	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=10.309683467977	F2=0	F3=-
80.0355803897974	M1=0	M2=3.44385944049962	M3=0	FrameElem=42			
Frame=42	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-16.2555913516367	F2=0	
F3=82.2230803897974	M1=0	M2=-6.07094867038198	M3=0	FrameElem=42			
Frame=42	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0.263916962442224	F2=0	
F3=-91.1036655078253	M1=0	M2=-4.8089552797825	M3=0	FrameElem=42			
Frame=42	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=6.40955650648626	F2=0	
F3=115.120008675579	M1=0	M2=29.6405481129629	M3=0	FrameElem=42			
Frame=42	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=47.2606072409202	F2=0	F3=-
18.8903500882619	M1=0	M2=8.49249148201156	M3=0	FrameElem=42			
Frame=42	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.2915101571734	F2=0	
F3=20.9226060361249	M1=0	M2=-9.19908923658758	M3=0	FrameElem=42			
Frame=42	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-11.3675884213799	F2=0	
F3=-112.932508675579	M1=0	M2=-42.9780866659431	M3=0	FrameElem=42			
Frame=43	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-0.263916962445095	F2=0	
F3=91.1036655077874	M1=0	M2=4.80895527978282	M3=0	FrameElem=43			
Frame=43	Joint=38	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=5.12466213925964	F2=0	
F3=-77.8480803898062	M1=0	M2=2.13842447896551	M3=0	FrameElem=43			
Frame=43	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-10.3096834679796	F2=0	
F3=80.0355803898062	M1=0	M2=-3.44385944049929	M3=0	FrameElem=43			
Frame=43	Joint=38	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-7.65913628116853	F2=0	
F3=-88.9161655077874	M1=0	M2=-5.84397349090871	M3=0	FrameElem=43			
Frame=43	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=11.36758842138	F2=0	
F3=112.932508675535	M1=0	M2=42.9780866659372	M3=0	FrameElem=43			
Frame=43	Joint=38	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=27.668268175949	F2=0	F3=-
16.8578281842439	M1=0	M2=9.52615052382783	M3=0	FrameElem=43			
Frame=43	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-47.2606072409197	F2=0	
F3=18.8903500882978	M1=0	M2=-8.49249148201177	M3=0	FrameElem=43			
Frame=43	Joint=38	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-17.0155122945676	F2=0	
F3=-110.745008675535	M1=0	M2=-51.9734911561924	M3=0	FrameElem=43			
Frame=44	Joint=38	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=7.65913628116144	F2=0	
F3=88.9161655078295	M1=0	M2=5.84397349091198	M3=0	FrameElem=44			
Frame=44	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0.142832299908512	F2=0	
F3=-75.6605803898062	M1=0	M2=2.90360817454641	M3=0	FrameElem=44			
Frame=44	Joint=38	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-5.12466213926682	F2=0	
F3=77.8480803898062	M1=0	M2=-2.13842447896566	M3=0	FrameElem=44			
Frame=44	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-15.0492108013708	F2=0	
F3=-86.7286655078295	M1=0	M2=-5.07635073322747	M3=0	FrameElem=44			
Frame=44	Joint=38	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=17.0155122945761	F2=0	
F3=110.745008675572	M1=0	M2=51.9734911562091	M3=0	FrameElem=44			
Frame=44	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=6.51449296277026	F2=0	F3=-
14.8250352514893	M1=0	M2=12.6304282227626	M3=0	FrameElem=44			
Frame=44	Joint=38	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-27.6682681759358	F2=0	
F3=16.8578281842593	M1=0	M2=-9.52615052382753	M3=0	FrameElem=44			
Frame=44	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-24.5530960560497	F2=0	
F3=-108.557508675572	M1=0	M2=-56.0280105373623	M3=0	FrameElem=44			
Frame=45	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=12.1843441845057	F2=0	
F3=141.368485601238	M1=0	M2=7.25638409908387	M3=0	FrameElem=45			
Frame=45	Joint=39	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=10.6701756882373	F2=0	
F3=-127.200771839221	M1=0	M2=-0.543831657882589	M3=0	FrameElem=45			
Frame=45	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-6.68626836014604	F2=0	
F3=129.388271839221	M1=0	M2=-1.40726859916724	M3=0	FrameElem=45			
Frame=45	Joint=39	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-4.5614186525908	F2=0	
F3=-139.180985601238	M1=0	M2=-8.32088430955941	M3=0	FrameElem=45			
Frame=45	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=28.8537842524177	F2=0	
F3=203.752684076528	M1=0	M2=16.1957326305383	M3=0	FrameElem=45			
Frame=45	Joint=39	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=80.1258034883913	F2=0	F3=-
58.8500000000266	M1=0	M2=37.277432821383	M3=0	FrameElem=45			
Frame=45	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-75.1036745757526	F2=0	
F3=61.0375000000266	M1=0	M2=-56.4716678062485	M3=0	FrameElem=45			
Frame=45	Joint=39	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-21.2308587205028	F2=0	
F3=-201.408682328706	M1=0	M2=-15.2449511420013	M3=0	FrameElem=45			
Frame=46	Joint=39	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=4.56141865258487	F2=0	
F3=139.18098560112	M1=0	M2=8.3208843095581	M3=0	FrameElem=46			
Frame=46	Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=14.9237927095142	F2=0	
F3=-125.013271839118	M1=0	M2=-2.99809716926074	M3=0	FrameElem=46			
Frame=46	Joint=39	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-10.6701756882376	F2=0	
F3=127.200771839118	M1=0	M2=0.543831657881155	M3=0	FrameElem=46			
Frame=46	Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=2.52852815592577	F2=0	
F3=-136.99348560112	M1=0	M2=-10.4414743658978	M3=0	FrameElem=46			
Frame=46	Joint=39	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=21.230858720503	F2=0	
F3=201.408682328453	M1=0	M2=15.2449511420008	M3=0	FrameElem=46			
Frame=46	Joint=40	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=82.5205388034739	F2=0	F3=-
56.6625000000005	M1=0	M2=17.3739765156633	M3=0	FrameElem=46			
Frame=46	Joint=39	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-80.125803488409	F2=0	
F3=58.8500000000005	M1=0	M2=-37.2774328213905	M3=0	FrameElem=46			
Frame=46	Joint=40	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-14.1409119119924	F2=0	
F3=-199.064922874595	M1=0	M2=-15.7940499303681	M3=0	FrameElem=46			
Frame=47	Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-2.52852815592955	F2=0	
F3=136.993485601002	M1=0	M2=10.441474365898	M3=0	FrameElem=47			



Frame=47	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=18.8574629222941	F2=0	
F3=-122.825771839043	M1=0	M2=-5.08057902562816	M3=0	FrameElem=47			
Frame=47	Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-14.9237927095282	F2=0	
F3=125.013271839043	M1=0	M2=2.9980971692608	M3=0	FrameElem=47			
Frame=47	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=9.08549624103593	F2=0	
F3=-134.805985601002	M1=0	M2=-13.2124101669215	M3=0	FrameElem=47			
Frame=47	Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=14.1409119119925	F2=0	
F3=199.064922874422	M1=0	M2=15.794049930368	M3=0	FrameElem=47			
Frame=47	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=82.2878805214278	F2=0	F3=-
54.4749999999759	M1=0	M2=0.167414841161166	M3=0	FrameElem=47			
Frame=47	Joint=40	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-82.5205388034796	F2=0	
F3=56.6624999999759	M1=0	M2=-17.3739765156669	M3=0	FrameElem=47			
Frame=47	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-7.58394382688608	F2=0	
F3=-196.721410230172	M1=0	M2=-16.9934944634188	M3=0	FrameElem=47			
Frame=48	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-9.08549624103257	F2=0	
F3=134.805985600897	M1=0	M2=13.2124101669202	M3=0	FrameElem=48			
Frame=48	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=22.4711863265475	F2=0	
F3=-120.638271838941	M1=0	M2=-8.73568056284571	M3=0	FrameElem=48			
Frame=48	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-18.8574629222922	F2=0	
F3=122.825771838941	M1=0	M2=5.0805790256264	M3=0	FrameElem=48			
Frame=48	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=14.6132999416787	F2=0	
F3=-132.618485600897	M1=0	M2=-16.5828938402823	M3=0	FrameElem=48			
Frame=48	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=7.58394382688665	F2=0	
F3=196.721410229899	M1=0	M2=16.9934944634173	M3=0	FrameElem=48			
Frame=48	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=79.4278286427967	F2=0	F3=-
52.2874999999322	M1=0	M2=0.679673320923213	M3=0	FrameElem=48			
Frame=48	Joint=41	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-82.2878805214938	F2=0	
F3=54.4749999999322	M1=0	M2=-0.167414841161171	M3=0	FrameElem=48			
Frame=48	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-2.66179510542969	F2=0	
F3=-194.378149016409	M1=0	M2=-31.6807169003079	M3=0	FrameElem=48			
Frame=49	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-14.6132999416914	F2=0	
F3=132.618485600961	M1=0	M2=16.5828938402825	M3=0	FrameElem=49			
Frame=49	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=25.7649629223072	F2=0	
F3=-118.450771839005	M1=0	M2=-13.219345650248	M3=0	FrameElem=49			
Frame=49	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-22.4711863265626	F2=0	
F3=120.638271839005	M1=0	M2=8.73568056284616	M3=0	FrameElem=49			
Frame=49	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=16.7067041970106	F2=0	
F3=-130.430985600961	M1=0	M2=-21.1129389634668	M3=0	FrameElem=49			
Frame=49	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=2.66179510542942	F2=0	
F3=194.378149016539	M1=0	M2=31.6807169003161	M3=0	FrameElem=49			
Frame=49	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=73.9403831678544	F2=0	F3=-
50.0999999999614	M1=0	M2=0.363368250503299	M3=0	FrameElem=49			
Frame=49	Joint=42	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-79.4278286427104	F2=0	
F3=52.2874999999614	M1=0	M2=-0.679673320923192	M3=0	FrameElem=49			
Frame=49	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-0.568390850110267	F2=0	
F3=-192.035143963323	M1=0	M2=-49.2273338785979	M3=0	FrameElem=49			
Frame=50	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-16.7067041970093	F2=0	
F3=130.430985600928	M1=0	M2=21.1129389634645	M3=0	FrameElem=50			
Frame=50	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=28.7387927095395	F2=0	
F3=-116.26327183896	M1=0	M2=-19.0003274232754	M3=0	FrameElem=50			
Frame=50	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-25.7649629223055	F2=0	
F3=118.45077183896	M1=0	M2=13.2193456502474	M3=0	FrameElem=50			
Frame=50	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=18.5969169629667	F2=0	
F3=-128.243485600928	M1=0	M2=-26.8441443748196	M3=0	FrameElem=50			
Frame=50	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0.568390850110508	F2=0	
F3=192.035143963266	M1=0	M2=49.2273338785971	M3=0	FrameElem=50			
Frame=50	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=65.8255440974311	F2=0	F3=-
47.9124999999395	M1=0	M2=-1.250253505541	M3=0	FrameElem=50			
Frame=50	Joint=43	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-73.9403831679439	F2=0	
F3=50.0999999999395	M1=0	M2=-0.363368250503306	M3=0	FrameElem=50			
Frame=50	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=1.32182191584694	F2=0	F3=-
189.692399911129	M1=0	M2=-65.9884675479639	M3=0	FrameElem=50			
Frame=51	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-18.5969169629731	F2=0	
F3=128.243485600938	M1=0	M2=26.8441443748198	M3=0	FrameElem=51			
Frame=51	Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=33.0677366599928	F2=0	
F3=-114.07577183897	M1=0	M2=-25.9541948346007	M3=0	FrameElem=51			
Frame=51	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-28.738792709547	F2=0	
F3=116.26327183897	M1=0	M2=19.0003274232745	M3=0	FrameElem=51			
Frame=51	Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=20.2839382395689	F2=0	
F3=-126.055985600938	M1=0	M2=-34.3672434830569	M3=0	FrameElem=51			
Frame=51	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-1.32182191584713	F2=0	
F3=189.692399911099	M1=0	M2=65.9884675479614	M3=0	FrameElem=51			
Frame=51	Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=55.0833114317552	F2=0	F3=-
45.7249999999614	M1=0	M2=-4.03676089988323	M3=0	FrameElem=51			
Frame=51	Joint=44	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-65.8255440974066	F2=0	
F3=47.9124999999614	M1=0	M2=1.250253505541	M3=0	FrameElem=51			
Frame=51	Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=3.00884319244288	F2=0	F3=-
187.349921815152	M1=0	M2=-80.752574953221	M3=0	FrameElem=51			
Frame=52	Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-20.283938239574	F2=0	
F3=126.055985600867	M1=0	M2=34.3672434830539	M3=0	FrameElem=52			
Frame=52	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=36.9598111280831	F2=0	
F3=-111.888271838922	M1=0	M2=-33.9477032033727	M3=0	FrameElem=52			



Frame=52	Joint=45	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-33.067736659998	F2=0	
F3=114.075771838922	M1=0	M2=25.9541948345989	M3=0	FrameElem=52			
Frame=52	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=21.767768026808	F2=0	F3=-
123.868485600867	M1=0	M2=-42.5138199849096	M3=0	FrameElem=52			
Frame=52	Joint=45	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-3.00884319244289	F2=0	
F3=187.349921815096	M1=0	M2=80.7525749532043	M3=0	FrameElem=52			
Frame=52	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=41.7136851716042	F2=0	F3=-
43.5374999999249	M1=0	M2=-7.06314699056587	M3=0	FrameElem=52			
Frame=52	Joint=45	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-55.0833114318589	F2=0	
F3=45.7249999999249	M1=0	M2=4.0367608998832	M3=0	FrameElem=52			
Frame=52	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=4.49267297967693	F2=0	F3=-
185.007714747866	M1=0	M2=-92.6552667568633	M3=0	FrameElem=52			

TABLE: "OBJECTS AND ELEMENTS - JOINTS"

JointElem=1	JointObject=1	GlobalX=-1.175	GlobalY=0	GlobalZ=0
JointElem=2	JointObject=2	GlobalX=-1.0875	GlobalY=0	GlobalZ=0
JointElem=13	JointObject=13	GlobalX=1.175	GlobalY=0	GlobalZ=0
JointElem=14	JointObject=14	GlobalX=-1.175	GlobalY=0	GlobalZ=2.35
JointElem=15	JointObject=15	GlobalX=-1.0875	GlobalY=0	GlobalZ=2.35
JointElem=16	JointObject=16	GlobalX=-1	GlobalY=0	GlobalZ=2.35
JointElem=24	JointObject=24	GlobalX=1	GlobalY=0	GlobalZ=2.35
JointElem=25	JointObject=25	GlobalX=1.0875	GlobalY=0	GlobalZ=2.35
JointElem=26	JointObject=26	GlobalX=1.175	GlobalY=0	GlobalZ=2.35
JointElem=29	JointObject=29	GlobalX=-1.175	GlobalY=0	GlobalZ=0.0875
JointElem=30	JointObject=30	GlobalX=-1.175	GlobalY=0	GlobalZ=0.175
JointElem=31	JointObject=31	GlobalX=-1.175	GlobalY=0	GlobalZ=2.175
JointElem=32	JointObject=32	GlobalX=-1.175	GlobalY=0	GlobalZ=2.2625
JointElem=33	JointObject=33	GlobalX=1.175	GlobalY=0	GlobalZ=2.2625
JointElem=34	JointObject=34	GlobalX=1.175	GlobalY=0	GlobalZ=2.175
JointElem=35	JointObject=35	GlobalX=1.175	GlobalY=0	GlobalZ=0.175
JointElem=36	JointObject=36	GlobalX=1.175	GlobalY=0	GlobalZ=0.0875
JointElem=58	JointObject=58	GlobalX=1.0875	GlobalY=0	GlobalZ=0
JointElem=59	JointObject=59	GlobalX=1	GlobalY=0	GlobalZ=0
JointElem=60	JointObject=60	GlobalX=-1	GlobalY=0	GlobalZ=0
JointElem=3	JointObject=3	GlobalX=-0.75	GlobalY=0	GlobalZ=2.35
JointElem=4	JointObject=4	GlobalX=-0.5	GlobalY=0	GlobalZ=2.35
JointElem=5	JointObject=5	GlobalX=-0.25	GlobalY=0	GlobalZ=2.35
JointElem=6	JointObject=6	GlobalX=0	GlobalY=0	GlobalZ=2.35
JointElem=7	JointObject=7	GlobalX=0.25	GlobalY=0	GlobalZ=2.35
JointElem=8	JointObject=8	GlobalX=0.5	GlobalY=0	GlobalZ=2.35
JointElem=9	JointObject=9	GlobalX=0.75	GlobalY=0	GlobalZ=2.35
JointElem=10	JointObject=10	GlobalX=-0.75	GlobalY=0	GlobalZ=0
JointElem=11	JointObject=11	GlobalX=-0.5	GlobalY=0	GlobalZ=0
JointElem=12	JointObject=12	GlobalX=-0.25	GlobalY=0	GlobalZ=0
JointElem=17	JointObject=17	GlobalX=0	GlobalY=0	GlobalZ=0
JointElem=18	JointObject=18	GlobalX=0.25	GlobalY=0	GlobalZ=0
JointElem=19	JointObject=19	GlobalX=0.5	GlobalY=0	GlobalZ=0
JointElem=20	JointObject=20	GlobalX=0.75	GlobalY=0	GlobalZ=0
JointElem=21	JointObject=21	GlobalX=-1.175	GlobalY=0	GlobalZ=0.425
JointElem=22	JointObject=22	GlobalX=-1.175	GlobalY=0	GlobalZ=0.675
JointElem=23	JointObject=23	GlobalX=-1.175	GlobalY=0	GlobalZ=0.925
JointElem=27	JointObject=27	GlobalX=-1.175	GlobalY=0	GlobalZ=1.175
JointElem=28	JointObject=28	GlobalX=-1.175	GlobalY=0	GlobalZ=1.425
JointElem=37	JointObject=37	GlobalX=-1.175	GlobalY=0	GlobalZ=1.675
JointElem=38	JointObject=38	GlobalX=-1.175	GlobalY=0	GlobalZ=1.925
JointElem=39	JointObject=39	GlobalX=1.175	GlobalY=0	GlobalZ=0.425
JointElem=40	JointObject=40	GlobalX=1.175	GlobalY=0	GlobalZ=0.675
JointElem=41	JointObject=41	GlobalX=1.175	GlobalY=0	GlobalZ=0.925
JointElem=42	JointObject=42	GlobalX=1.175	GlobalY=0	GlobalZ=1.175
JointElem=43	JointObject=43	GlobalX=1.175	GlobalY=0	GlobalZ=1.425
JointElem=44	JointObject=44	GlobalX=1.175	GlobalY=0	GlobalZ=1.675
JointElem=45	JointObject=45	GlobalX=1.175	GlobalY=0	GlobalZ=1.925

TABLE: "OBJECTS AND ELEMENTS - FRAMES"

FrameElem=1	FrameObject=1	ElemJtI=14	ElemJtJ=15
FrameElem=2	FrameObject=2	ElemJtI=15	ElemJtJ=16
FrameElem=4	FrameObject=4	ElemJtI=24	ElemJtJ=25
FrameElem=5	FrameObject=5	ElemJtI=25	ElemJtJ=26
FrameElem=6	FrameObject=6	ElemJtI=16	ElemJtJ=3
FrameElem=7	FrameObject=7	ElemJtI=3	ElemJtJ=4
FrameElem=8	FrameObject=8	ElemJtI=4	ElemJtJ=5
FrameElem=9	FrameObject=9	ElemJtI=5	ElemJtJ=6
FrameElem=10	FrameObject=10	ElemJtI=6	ElemJtJ=7
FrameElem=11	FrameObject=11	ElemJtI=7	ElemJtJ=8
FrameElem=12	FrameObject=12	ElemJtI=8	ElemJtJ=9
FrameElem=13	FrameObject=13	ElemJtI=9	ElemJtJ=24
FrameElem=14	FrameObject=14	ElemJtI=1	ElemJtJ=2
FrameElem=15	FrameObject=15	ElemJtI=2	ElemJtJ=60
FrameElem=17	FrameObject=17	ElemJtI=59	ElemJtJ=58
FrameElem=18	FrameObject=18	ElemJtI=58	ElemJtJ=13
FrameElem=19	FrameObject=19	ElemJtI=1	ElemJtJ=29
FrameElem=20	FrameObject=20	ElemJtI=29	ElemJtJ=30



FrameElem=22	FrameObject=22	ElemJtI=31	ElemJtJ=32
FrameElem=23	FrameObject=23	ElemJtI=32	ElemJtJ=14
FrameElem=24	FrameObject=24	ElemJtI=13	ElemJtJ=36
FrameElem=25	FrameObject=25	ElemJtI=36	ElemJtJ=35
FrameElem=27	FrameObject=27	ElemJtI=34	ElemJtJ=33
FrameElem=28	FrameObject=28	ElemJtI=33	ElemJtJ=26
FrameElem=29	FrameObject=29	ElemJtI=60	ElemJtJ=10
FrameElem=30	FrameObject=30	ElemJtI=10	ElemJtJ=11
FrameElem=31	FrameObject=31	ElemJtI=11	ElemJtJ=12
FrameElem=32	FrameObject=32	ElemJtI=12	ElemJtJ=17
FrameElem=33	FrameObject=33	ElemJtI=17	ElemJtJ=18
FrameElem=34	FrameObject=34	ElemJtI=18	ElemJtJ=19
FrameElem=35	FrameObject=35	ElemJtI=19	ElemJtJ=20
FrameElem=36	FrameObject=36	ElemJtI=20	ElemJtJ=59
FrameElem=37	FrameObject=37	ElemJtI=30	ElemJtJ=21
FrameElem=38	FrameObject=38	ElemJtI=21	ElemJtJ=22
FrameElem=39	FrameObject=39	ElemJtI=22	ElemJtJ=23
FrameElem=40	FrameObject=40	ElemJtI=23	ElemJtJ=27
FrameElem=41	FrameObject=41	ElemJtI=27	ElemJtJ=28
FrameElem=42	FrameObject=42	ElemJtI=28	ElemJtJ=37
FrameElem=43	FrameObject=43	ElemJtI=37	ElemJtJ=38
FrameElem=44	FrameObject=44	ElemJtI=38	ElemJtJ=31
FrameElem=45	FrameObject=45	ElemJtI=35	ElemJtJ=39
FrameElem=46	FrameObject=46	ElemJtI=39	ElemJtJ=40
FrameElem=47	FrameObject=47	ElemJtI=40	ElemJtJ=41
FrameElem=48	FrameObject=48	ElemJtI=41	ElemJtJ=42
FrameElem=49	FrameObject=49	ElemJtI=42	ElemJtJ=43
FrameElem=50	FrameObject=50	ElemJtI=43	ElemJtJ=44
FrameElem=51	FrameObject=51	ElemJtI=44	ElemJtJ=45
FrameElem=52	FrameObject=52	ElemJtI=45	ElemJtJ=34

TABLE: "BASE REACTIONS"

```

OutputCase=ENVETA5 CaseType=Combination StepType=Max GlobalFX=-51.0088007602339 GlobalFY=0
GlobalFZ=265.299601782436 GlobalMX=0 GlobalMY=-81.1417412097555 GlobalMZ=0 GlobalX=0 GlobalY=0 GlobalZ=0
XCentroidFX=0
  YCentroidFX=0 ZCentroidFX=0 XCentroidFY=0 YCentroidFY=0 ZCentroidFY=0 XCentroidFZ=0
YCentroidFZ=0 ZCentroidFZ=0
OutputCase=ENVETA5 CaseType=Combination StepType=Min GlobalFX=-79.6664508166457 GlobalFY=0
GlobalFZ=250.096401555868 GlobalMX=0 GlobalMY=-108.150761258093 GlobalMZ=0 GlobalX=0 GlobalY=0 GlobalZ=0
XCentroidFX=0
  YCentroidFX=0 ZCentroidFX=0 XCentroidFY=0 YCentroidFY=0 ZCentroidFY=0 XCentroidFZ=0
YCentroidFZ=0 ZCentroidFZ=0
OutputCase=ENVETA CaseType=Combination StepType=Max GlobalFX=2.15538150430985E-12 GlobalFY=0
GlobalFZ=322.317499853295 GlobalMX=0 GlobalMY=-1.78805885844798E-11 GlobalMZ=0 GlobalX=0 GlobalY=0
GlobalZ=0
  XCentroidFX=0 YCentroidFX=0 ZCentroidFX=0 XCentroidFY=0 YCentroidFY=0 ZCentroidFY=0
XCentroidFZ=0 YCentroidFZ=0 ZCentroidFZ=0
OutputCase=ENVETA CaseType=Combination StepType=Min GlobalFX=-208.938499927075 GlobalFY=0
GlobalFZ=145.70000000125 GlobalMX=0 GlobalMY=-342.174099916233 GlobalMZ=0 GlobalX=0 GlobalY=0 GlobalZ=0
XCentroidFX=0
  YCentroidFX=0 ZCentroidFX=0 XCentroidFY=0 YCentroidFY=0 ZCentroidFY=0 XCentroidFZ=0
YCentroidFZ=0 ZCentroidFZ=0

```

END TABLE DATA