

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



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

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

Interferenze principali, stradali ed idrauliche

Tomb. Scat. 4.00 x 3.50m a Pk. 1+803 su racc. tec. Novi

Relazione di calcolo

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

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
I G 5 1	0 2	E	C V	C L	I N 4 1 0 X	0 0 1	A

Progettazione :

Rev	Descrizione	Redatto	Data	Verificato	Data	Progettista Integratore	Data	IL PROGETTISTA
A00	Prima Emissione	ALPINA <i>Adriano Mancarella</i>	27/09/2013	COCIV <i>[Signature]</i>	27/09/2013	A. Palomba <i>[Signature]</i>	30/09/2013	 Consorzio Collegamenti Integrati Veloci Dott. Ing. Adriano Mancarella Ordine Ingegneri Prov. TO n. 6271 R

n. Elab.:	File: IG51-02-E-CV-CL-IN41-0X-001-A00
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1. PREMESSA

Con la presente relazione si intende fornire i calcoli statici e le verifiche di sicurezza del sottovia ferroviario posto alla progressiva Pk. 1+803 su racc. tec. Novi.

Il sottovia in oggetto è previsto per la realizzazione di un nuovo binario e quindi si rende necessario prolungare il manufatto esistente, il quale dovrà essere parzialmente demolito, come riportato negli elaborati di progetto.

Le dimensioni nette interne sono pari a 4.00x3.50 m, ed il ricoprimento consiste nel solo ballast ferroviario, la struttura scatolare a sezione rettangolare è realizzata in calcestruzzo armato gettato in opera.

L'opera ricade in zona sismica di III categoria ($S=6$).

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 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	$\sigma_c = 12.20 \text{ N/mm}^2$
	$\tau_{c0} = 7.00 \text{ N/mm}^2$
	$\tau_{c1} = 21.10 \text{ N/mm}^2$

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	$\geq 450 \text{ MPa}$
Limite di rottura f_t	$\geq 540 \text{ MPa}$
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	$f_{yk} \geq 450 \text{ N/mm}^2$
Tensione caratteristica a rottura	$f_{tk} \geq 540 \text{ N/mm}^2$
Tensione ammissibile	$\sigma_s = 260.00 \text{ N/mm}^2$

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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) wk = 0.10 mm;
- superfici non in contatto permanente con il terreno (superfici interne) wk = 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

Il sottovia è realizzato in cemento armato gettato in opera, ha sezione scatolare cava di dimensioni interne nette $b \times h = 4.00 \times 3.50$ m. Le pareti laterali hanno spessore 50 cm, la soletta superiore ha spessore 50 cm e quella inferiore 60 cm.

L'estradosso della soletta superiore è a diretto contatto con il ballast ferroviario, essendo la distanza tra il piano ferro e la soletta di circa 0.80 m. Il ricoprimento ha quindi uno spessore pari a circa 0.80 m e coincide con il ballast ferroviario.

Si riporta nel seguito una sezione trasversale dell'opera.

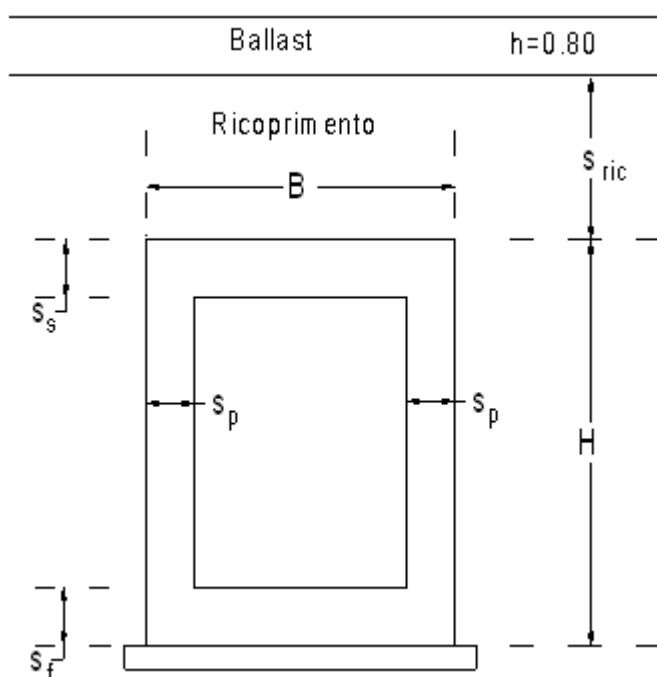


Figura 1 – Sezione trasversale dell'opera

B	= 5.00 m	larghezza scatolare
H	= 4.60 m	altezza totale
s_f	= 0.60 m	spessore soletta di fondazione
s_p	= 0.50 m	spessore pareti
s_s	= 0.50 m	spessore soletta superiore
s_{ric}	= 0.00 m	spessore del ricoprimento

L'opera non è interessata dalla presenza della falda posta al di sotto del fondo scavo.

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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:

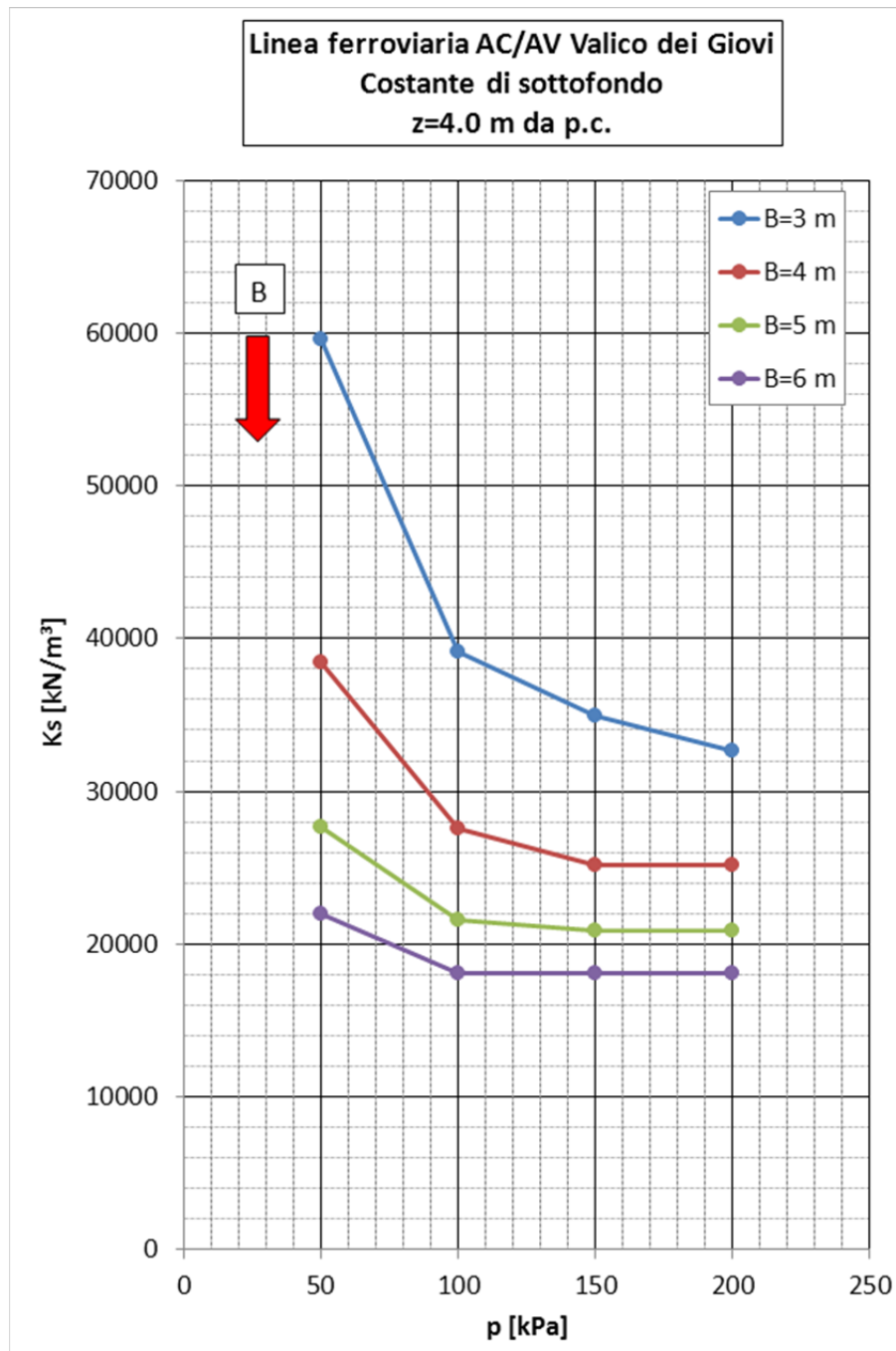
- comportamento rigido della fondazione;
- estensione dell'area di influenza lungo la quale è calcolato il cedimento fino alla quota in cui il carico trasmesso dalla fondazione comporta un incremento del 10% dello stato di sforzo iniziale presente nel terreno.

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 $z = 4.00$ m
- Pressione trasmessa dalla fondazione al terreno $p = 50, 100, 150, 200$ 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 $K_s = 26000 \text{ kN/m}^3$.



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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
acqua:	γ_w	= 10 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:

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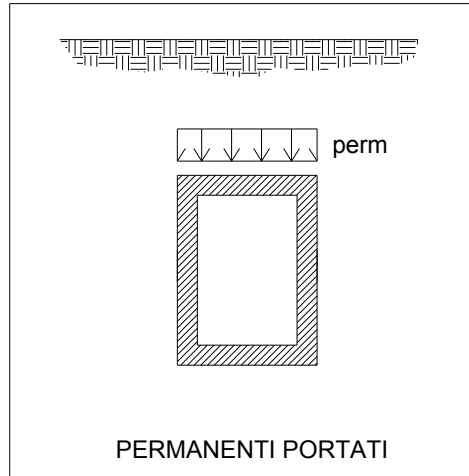


Figura 2 – Schema carichi permanenti

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:

$$\sigma_v(z) = h_b \cdot \gamma_b + h_s \cdot \gamma_s + (s_{ric} + z) \cdot \gamma_t \quad \text{sopra la quota di falda}$$

$$\sigma_v(z) = h_b \cdot \gamma_b + h_s \cdot \gamma_s + (s_{ric} + z) \cdot \gamma_t + (z - z_f) \cdot (\gamma_t - \gamma_w) \quad \text{sotto la quota di falda}$$

dove: s_{ric} = ricoprimento del manufatto

z = distanza dall'estradosso del manufatto

z_f = quota della falda

h_b = spessore del ballast

h_s = spessore del supercompattato

γ_t = peso specifico del terreno

γ_b = peso specifico del ballast

γ_w = peso specifico dell'acqua

γ_s = peso proprio del supercompattato

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

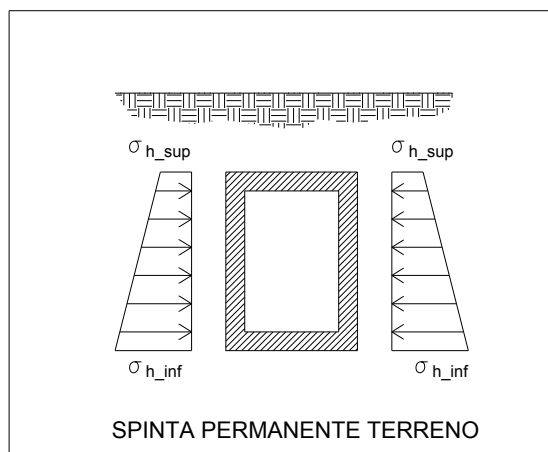


Figura 3 – Schema carichi spinta terreno

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

Un'opera interessata dalla presenza della falda è soggetta ad azioni idrostatiche sulla parte inferiore dei 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.

6.5. Sovraccarico accidentale LM71

Il sovraccarico accidentale LM71 è assunto come in figura.

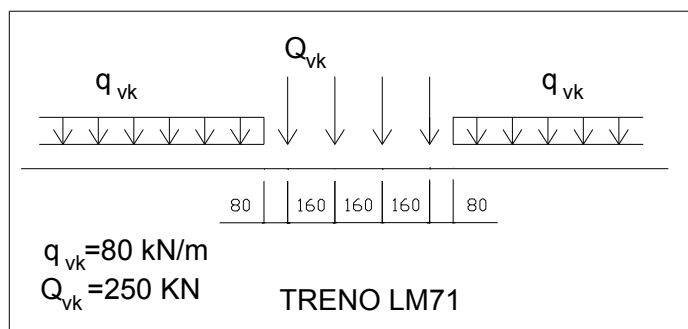


Figura 4 – Schema di carico treno LM71

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.

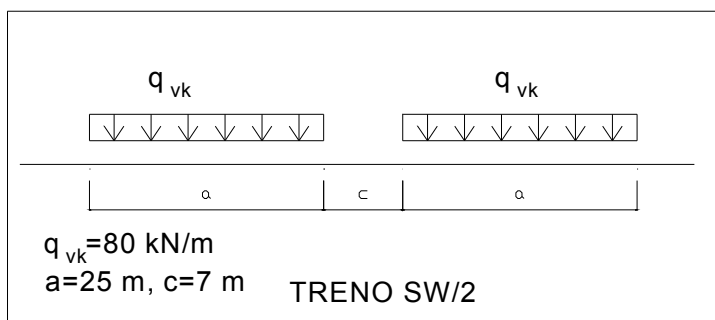


Figura 5 – Schema di carico treno SW2

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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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 inferiore a 1.0 m il coefficiente dinamico assume valore:

$$\phi_3 = 1.35$$

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

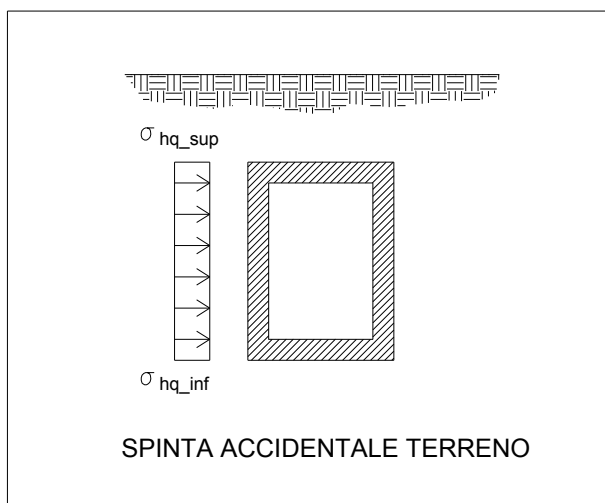


Figura 6 – Schema di carico spinta del terreno per sovraccarico ferroviario

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:

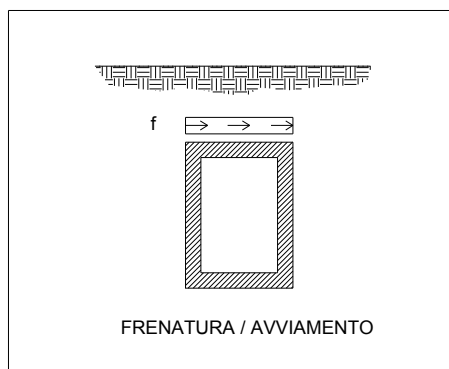


Figura 7 – Schema di carico avviamento LM71

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:

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

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

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

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

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

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

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

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

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

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

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

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:

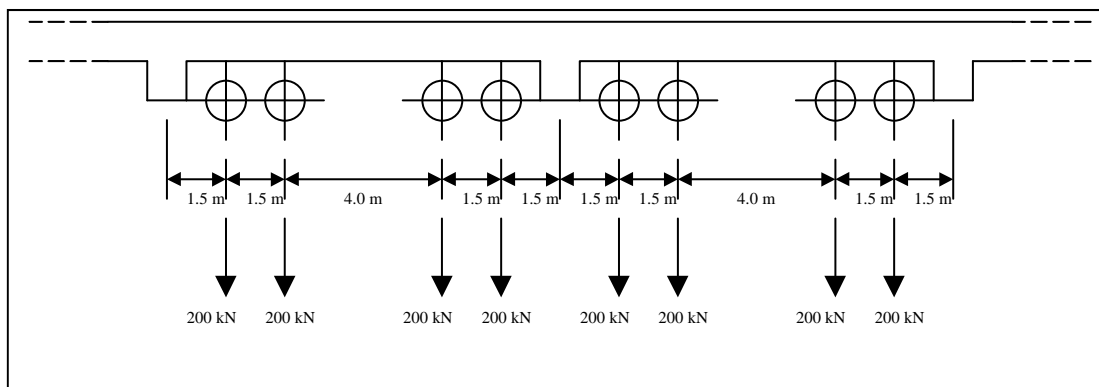


Figura 8 – Schema di carico treno sismico

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.

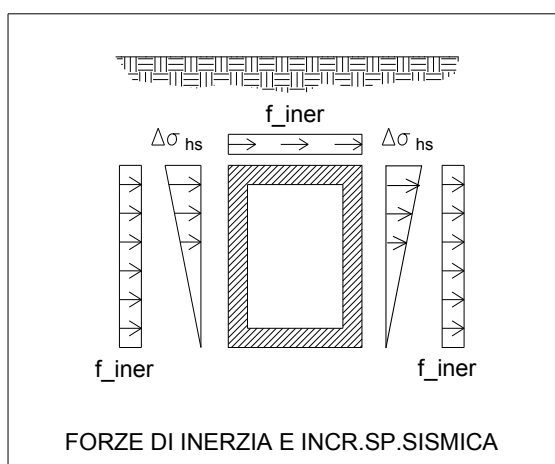


Figura 9 – Schema carichi forze di inerzia e incremento di spinta sismico

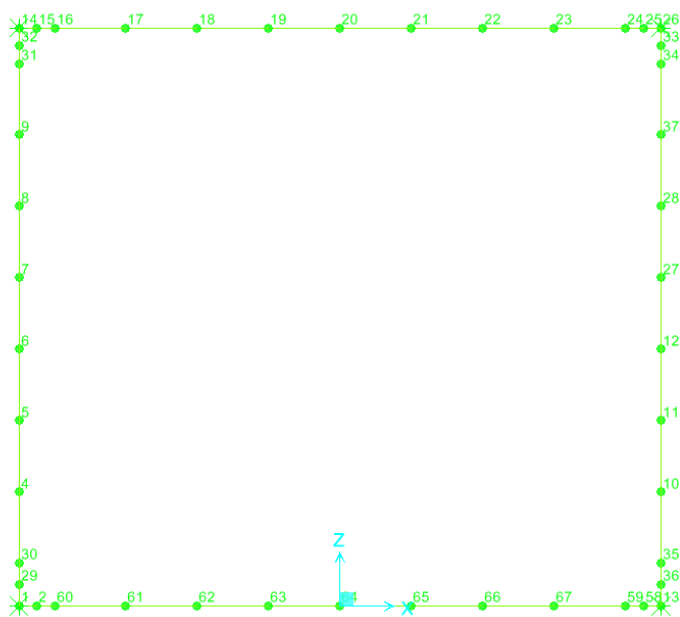
7. CALCOLO DELLE SOLLECITAZIONI

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

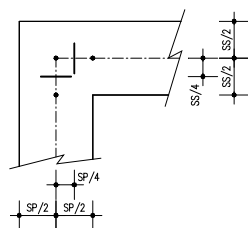
Il modello di calcolo è costituito da un telaio piano che rappresenta una striscia di scatolare di larghezza unitaria. Le solette, di copertura e fondazione, ed i montanti sono modellati da elementi trave, posti in corrispondenza della rispettiva linea media. L'elemento trave che rappresenta la soletta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

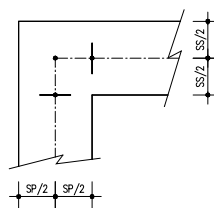


Le verifiche strutturali sono eseguite in corrispondenza delle sezioni più sollecitate. Con riferimento alle sezioni di incastro, i valori di sollecitazione flettente e tagliante – utilizzati per le verifiche – sono stati valutati come illustrato nel seguente schema:

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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 100x60 cm
- Soletta superiore: Sezione 100x50 cm
- Pareti laterali: Sezione 100x50 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

14. Treno sismico, spinta della terra, spinta idraulica e forze inerziali in fase sismica

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
Totale			14.40 kN/m

CONDIZIONE DI CARICO N°2: Spinta idraulica e sottopressione in esercizio

L'opera non è interessata dalla presenza della falda.

CONDIZIONE DI CARICO N°3: Spinta a riposo simmetrica

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

$$\sigma_{h1} = 0.426 \cdot [18 \cdot 0.8 + 20 \cdot 0.50/2] \cdot c = 8.27 \cdot c \text{ kN/m}$$

$$\sigma_{h2} = 0.426 \cdot [18 \cdot 0.8 + 20 \cdot (0.50 + 3.50 + 0.60/2)] \cdot c = 42.81 \cdot c \text{ kN/m}$$

$$F1 = 0.426 \cdot [(18 \cdot 0.8 + 20 \cdot 0.50/4) \cdot 0.50/2] \cdot c = 1.80 \cdot c \text{ kN}$$

$$F2 = 0.426 \cdot [(18 \cdot 0.8 + 20 \cdot (0.50 + 3.50 + 3 \cdot 0.60/4)) \cdot 0.60/2] \cdot c = 13.23 \cdot c \text{ kN}$$

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

Parete sinistra	Parete destra
$\sigma_{h1} = 8.27 \text{ kN/m}$	$\sigma_{h1} = 8.27 \text{ kN/m}$
$\sigma_{h2} = 42.81 \text{ kN/m}$	$\sigma_{h2} = 42.81 \text{ kN/m}$
F1 = 1.80 kN	F1 = 1.80 kN
F2 = 13.23 kN	F2 = 13.23 kN

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

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

$$\sigma_{h1} = 0.426 \cdot [18 \cdot 0.8 + 20 \cdot 0.50/2] \cdot c = 8.27 \cdot c \text{ kN/m}$$

$$\sigma_{h2} = 0.426 \cdot [18 \cdot 0.8 + 20 \cdot (0.50 + 3.50 + 0.60/2)] \cdot c = 42.81 \cdot c \text{ kN/m}$$

$$F1 = 0.426 \cdot [(18 \cdot 0.8 + 20 \cdot 0.50/4) \cdot 0.50/2] \cdot c = 1.80 \cdot c \text{ kN}$$

$$F2 = 0.426 \cdot [(18 \cdot 0.8 + 20 \cdot (0.50 + 3.50 + 3 \cdot 0.60/4)) \cdot 0.60/2] \cdot c = 13.23 \cdot c \text{ kN}$$

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

Parete sinistra

Parete destra

$$\sigma_{h1} = 8.27 \text{ kN/m}$$

$$\sigma_{h1} = 4.97 \text{ kN/m}$$

$$\sigma_{h2} = 42.81 \text{ kN/m}$$

$$\sigma_{h2} = 25.69 \text{ kN/m}$$

$$F1 = 1.80 \text{ kN}$$

$$F1 = 1.08 \text{ kN}$$

$$F2 = 13.23 \text{ kN}$$

$$F2 = 7.94 \text{ kN}$$

CONDIZIONE DI CARICO N°5: Spinta attiva simmetrica

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

$$\sigma_{h1} = 0.426 \cdot [18 \cdot 0.8 + 20 \cdot 0.50/2] \cdot c = 8.27 \cdot c \text{ kN/m}$$

$$\sigma_{h2} = 0.426 \cdot [18 \cdot 0.8 + 20 \cdot (0.50 + 3.50 + 0.60/2)] \cdot c = 42.81 \cdot c \text{ kN/m}$$

$$F1 = 0.426 \cdot [(18 \cdot 0.8 + 20 \cdot 0.50/4) \cdot 0.50/2] \cdot c = 1.80 \cdot c \text{ kN}$$

$$F2 = 0.426 \cdot [(18 \cdot 0.8 + 20 \cdot (0.50 + 3.50 + 3 \cdot 0.60/4)) \cdot 0.60/2] \cdot c = 13.23 \cdot c \text{ kN}$$

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

Parete sinistra

Parete destra

$$\sigma_{h1} = 3.15 \text{ kN/m}$$

$$\sigma_{h1} = 3.15 \text{ kN/m}$$

$$\sigma_{h2} = 16.32 \text{ kN/m}$$

$$\sigma_{h2} = 16.32 \text{ kN/m}$$

$$F1 = 0.69 \text{ kN}$$

$$F1 = 0.69 \text{ kN}$$

$$F2 = 5.04 \text{ kN}$$

$$F2 = 5.04 \text{ kN}$$

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Coefficiente dinamico

$$L_m = 1/3 \cdot (4.05 + 4.50 + 4.05) = 4.20 \text{ m} \quad (\text{le lunghezze sono valutate lungo la linea media})$$

$$L_\phi = 1.3 \cdot 4.20 = 5.46 \text{ m}$$

$$\phi_3 = \mathbf{1.350}$$

Ripartizione trasversale del carico:

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:

$$b_d = 2.60 + 2 (0.8/4 + 0.50/2) = \mathbf{3.50 \text{ m}}$$

Non si ha la sovrapposizione dei carichi dei tre binari che sono posti a interasse di 4.5 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:

$$q_{sf1} = \phi_3 \alpha q_1 / b_d = 1.350 \cdot 1.1 \cdot 156 / 3.50 = \mathbf{66.29 \text{ kN/m}} \text{ sulla soletta}$$

$$P_{sf1} = q_{sf1} \cdot sp / 2 = 66.29 \cdot 0.5 / 2 = \mathbf{16.57 \text{ kN}}$$

CONDIZIONE DI CARICO N°7: Treno LM71 in appoggio

Considerata la dimensione trasversale dello scatolare rispetto alla larghezza del carico LM71 ripartito la condizione di carico N°7 è la medesima della 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:

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$$\sigma_h = K \alpha q_1 / b_d = \mathbf{20.94 \text{ kN/m}}$$

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

$$\mathbf{F1 = \sigma_h \cdot ss/2 = 5.24 \text{ kN}}$$

$$\mathbf{F2 = \sigma_h \cdot ss/2 = 6.28 \text{ kN}}$$

CONDIZIONE DI CARICO N°9: Avviamento treno LM71

La forza di avviamento a metro lineare viene valutata come:

$$\mathbf{p = \max(1000, 33 \times L_{tot})/L_{calc}/b_d = \max(1000, 33 \cdot 5.00) / 4.50/ 3.50 = 10.48 \text{ kN/m}}$$

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

100 kN: massima forza di avviamento

$$L_{tot} = \text{larghezza totale del tombino} = 5.00 \text{ m}$$

$$L_{calc} = \text{larghezza di calcolo del tombino} = 4.50 \text{ m}$$

$$b_d = \text{larghezza trasversale collaborante} = 3.50 \text{ m}$$

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:

$$\mathbf{q_{sf} = \phi_3 \alpha q_1 / b_d = 57.86 \text{ kN/m}}$$

$$\mathbf{P_{sf1} = q_{sf} \cdot sp / 2 = 14.46 \text{ kN}}$$

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:

$$\sigma_h = K \alpha q_1 / b_d = \mathbf{18.28 \text{ kN/m}}$$

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

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$$F1 = \sigma_h \cdot ss/2 = 4.57 \text{ kN}$$

$$F2 = \sigma_h \cdot ss/2 = 5.48 \text{ kN}$$

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

La forza di frenatura viene valutata come

$$p = 35 \cdot L_{tot}/L_{calc} / b_d = 11.11 \text{ kN/m}$$

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

$$L_{tot} = \text{larghezza totale del tombino} = 5.00 \text{ m}$$

$$L_{calc} = \text{larghezza di calcolo del tombino} = 4.50 \text{ m}$$

$$b_d = \text{larghezza trasversale collaborante} = 3.50 \text{ m}$$

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

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

CONDIZIONE DI CARICO N°15: Azioni sismiche

Spinta sismica del terreno sul montante sinistro:

$$\Delta F_{s-ter} = 0.052 \cdot [(8.27 + 42.81)/2 \cdot 4.05] = 5.38 \text{ kN}$$

Per il calcolo della spinta dovuta al sovraccarico ferroviario (treno sismico), si è utilizzato l'equivalente tagliante $P_{2s} = 100.0 \text{ kN/m}$.

$$\Delta F_{s-treno} = 0.426 (1+0.052) \cdot 144 = 64.60 \text{ kN}$$

$$\Delta F_s = \Delta F_{s-ter} + \Delta F_{s-treno} = 69.98 \text{ kN}$$

$$\Delta \sigma_{hs1} = \Delta F_s \cdot 2 / 4.05 = 34.56 \text{ kN/m}$$

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

Sovraccarico ferroviario in fase sismica:

I binari ferroviari sono 3 da cui: $s = 2$. Dalla tabella B.17.1 dell'Istruzione 44b, si ricavano gli equivalenti flettenti e taglianti del carico sismico per la larghezza dello scatolare, $L = 5.00 \text{ m}$:

$$P_{1s} = 115.60 \text{ kN/m (equivalente flettente)}$$

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$$P_{2s} = 144.00 \text{ kN/m (equivalente tagliante)}$$

Dividendo per la larghezza di ripartizione, si ottiene:

$$P_{1s} = 115.60 / 3.50 = \mathbf{33.03 \text{ kN/m}}$$

$$P_{2s} = 144.00 / 3.50 = \mathbf{41.14 \text{ kN/m}}$$

In corrispondenza dei piedritti:

$$F_{11s} = F_{12s} = 33.03 \cdot 0.50 / 2 = \mathbf{8.26 \text{ kN}}$$

$$F_{21s} = F_{22s} = 41.14 \cdot 0.50 / 2 = \mathbf{10.29 \text{ kN}}$$

Forze di inerzia orizzontali:

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

$$f_{is} = 0.052 (1200 / 5.00 / 3.50 + 14.40) = \mathbf{4.31 \text{ kN/m}}$$

Forze di inerzia verticali:

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

$$f_{is} = \pm 0.104 (1200 / 5.00 / 3.50 + 14.40) = \mathbf{\pm 8.63 \text{ kN/m}}$$

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 $- \Delta T$, 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 $- \Delta T$.

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 $- \Delta T$, 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	TA1G1A1	1	1	-	-	1	-	1	-	-	-	-	0.6
2	TA1G1B1	1	1	-	-	-	1	1	-	-	-	-	0.6
3	TA1G1C1	1	1	-	-	-	-	-	-	1	1	-	0.6
4	TA1G1D1	1	1	-	-	1	-	1	-	-	-	-	-0.6
5	TA1G1E1	1	1	-	-	-	1	1	-	-	-	-	-0.6
6	TA1G1F1	1	1	-	-	-	-	-	-	1	1	-	-0.6
7	TA1G1A2	1	-	1	-	1	-	1	-	-	-	-	0.6
8	TA1G1B2	1	-	1	-	-	1	1	-	-	-	-	0.6
9	TA1G1C2	1	-	1	-	-	-	-	-	1	1	-	0.6
10	TA1G1D2	1	-	1	-	1	-	1	-	-	-	-	-0.6
11	TA1G1E2	1	-	1	-	-	1	1	-	-	-	-	-0.6
12	TA1G1F2	1	-	1	-	-	-	-	-	1	1	-	-0.6
13	TA1G1A3	1	-	-	1	1	-	1	-	-	-	-	0.6
14	TA1G1B3	1	-	-	1	-	1	1	-	-	-	-	0.6
15	TA1G1C3	1	-	-	1	-	-	-	-	1	1	-	0.6
16	TA1G1D3	1	-	-	1	1	-	1	-	-	-	-	-0.6
17	TA1G1E3	1	-	-	1	-	1	1	-	-	-	-	-0.6
18	TA1G1F3	1	-	-	1	-	-	-	-	1	1	-	-0.6
19	TA1G31A1	1	1	-	-	1	-	1	1	-	-	-	0.6
20	TA1G31B1	1	1	-	-	-	1	1	1	-	-	-	0.6
21	TA1G31C1	1	1	-	-	-	-	-	-	1	1	1	0.6
22	TA1G31D1	1	1	-	-	1	-	1	1	-	-	-	-0.6
23	TA1G31E1	1	1	-	-	-	1	1	1	-	-	-	-0.6
24	TA1G31F1	1	1	-	-	-	-	-	-	1	1	1	-0.6
25	TA1G31A2	1	-	1	-	1	-	1	1	-	-	-	0.6
26	TA1G31B2	1	-	1	-	-	1	1	1	-	-	-	0.6
27	TA1G31C2	1	-	1	-	-	-	-	-	1	1	1	0.6
28	TA1G31D2	1	-	1	-	1	-	1	1	-	-	-	-0.6
29	TA1G31E2	1	-	1	-	-	1	1	1	-	-	-	-0.6
30	TA1G31F2	1	-	1	-	-	-	-	-	1	1	1	-0.6
31	TA1G31A3	1	-	-	1	1	-	1	1	-	-	-	0.6
32	TA1G31B3	1	-	-	1	-	1	1	1	-	-	-	0.6
33	TA1G31C3	1	-	-	1	-	-	-	-	1	1	1	0.6
34	TA1G31D3	1	-	-	1	1	-	1	1	-	-	-	-0.6
35	TA1G31E3	1	-	-	1	-	1	1	1	-	-	-	-0.6
36	TA1G31F3	1	-	-	1	-	-	-	-	1	1	1	-0.6
37	TA1G32A1	1	1	-	-	0.7	-	0.7	1	-	-	-	0.6
38	TA1G32B1	1	1	-	-	-	0.7	0.7	1	-	-	-	0.6
39	TA1G32C1	1	1	-	-	-	-	-	-	0.7	0.7	1	0.6
40	TA1G32D1	1	1	-	-	0.7	-	0.7	1	-	-	-	-0.6
41	TA1G32E1	1	1	-	-	-	0.7	0.7	1	-	-	-	-0.6
42	TA1G32F1	1	1	-	-	-	-	-	-	0.7	0.7	1	-0.6
43	TA1G32A2	1	-	1	-	0.7	-	0.7	1	-	-	-	0.6
44	TA1G32B2	1	-	1	-	-	0.7	0.7	1	-	-	-	0.6
45	TA1G32C2	1	-	1	-	-	-	-	-	0.7	0.7	1	0.6
46	TA1G32D2	1	-	1	-	0.7	-	0.7	1	-	-	-	-0.6
47	TA1G32E2	1	-	1	-	-	0.7	0.7	1	-	-	-	-0.6
48	TA1G32F2	1	-	1	-	-	-	-	-	0.7	0.7	1	-0.6
49	TA1G32A3	1	-	-	1	0.7	-	0.7	1	-	-	-	0.6

50	TA1G32B3	1	-	-	1	-	0.7	0.7	1	-	-	-	0.6
51	TA1G32C3	1	-	-	1	-	-	-	-	0.7	0.7	1	0.6
52	TA1G32D3	1	-	-	1	0.7	-	0.7	1	-	-	-	-0.6
53	TA1G32E3	1	-	-	1	-	0.7	0.7	1	-	-	-	-0.6
54	TA1G32F3	1	-	-	1	-	-	-	-	0.7	0.7	1	-0.6

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

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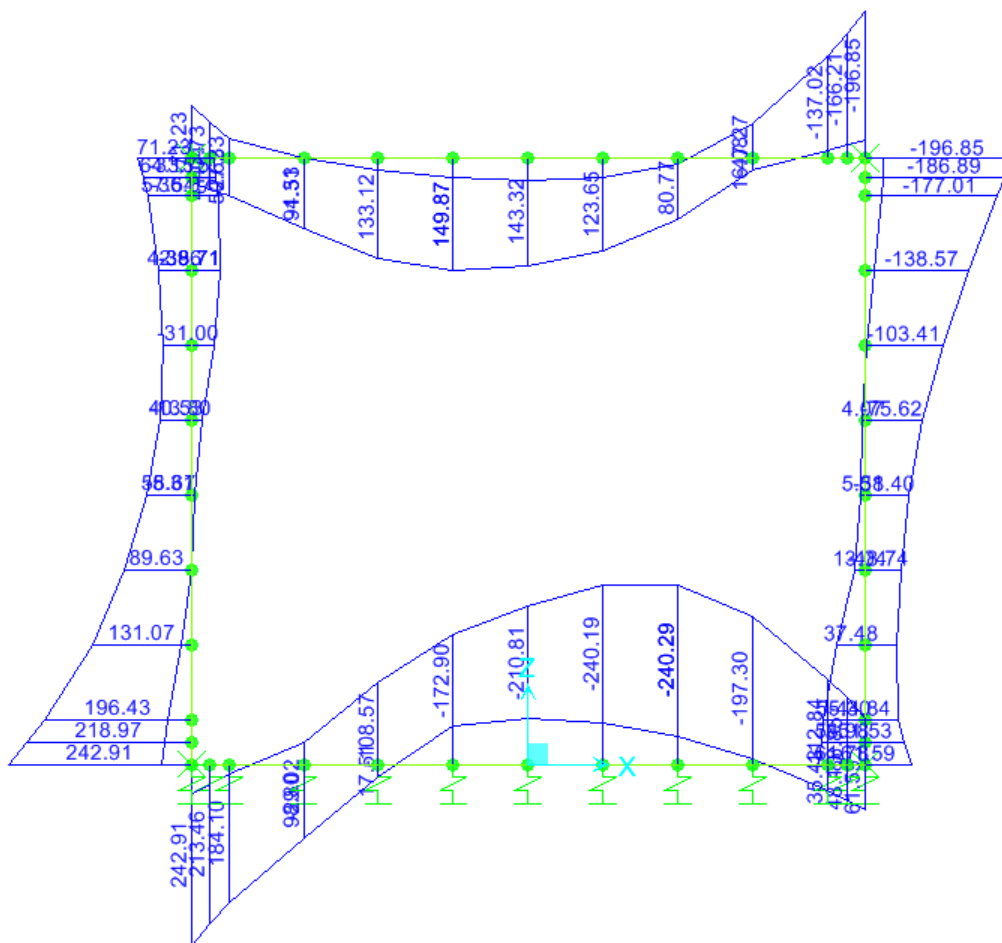
* Inerzia pos e inerzia neg sono date dalla radice della somma dei quadrati delle componenti di inerzia orizzontale e verticale ($\alpha = (\alpha_h^2 + \alpha_v^2)^{1/2}$), con la componente verticale rivolta rispettivamente verso l'alto e verso il basso.

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

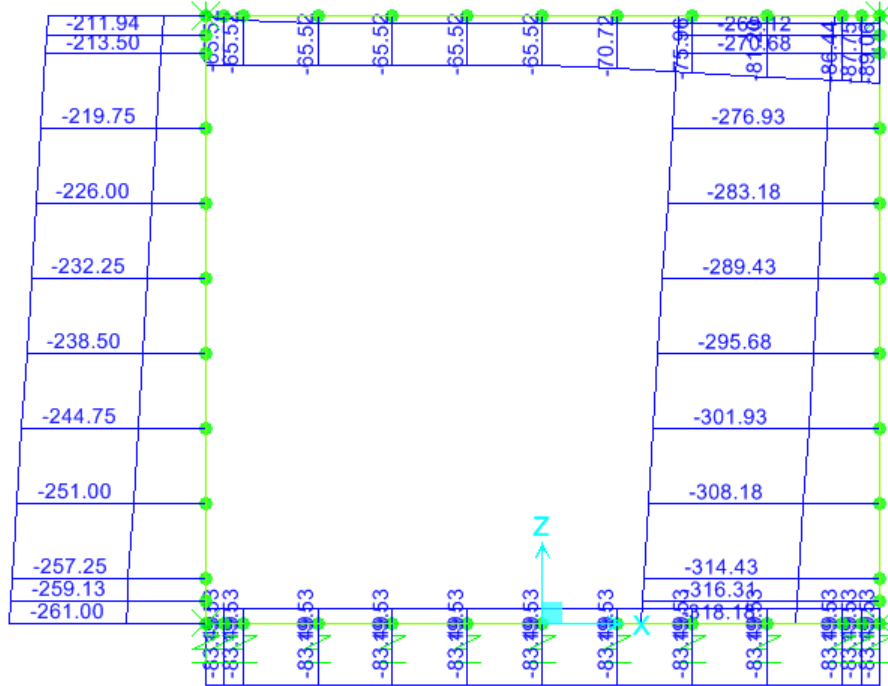
Di seguito si riportano i diagrammi delle sollecitazioni flettenti, taglianti e flessionali agenti sulla struttura nella condizione di involuppo delle combinazioni TA:

Momento flettente:

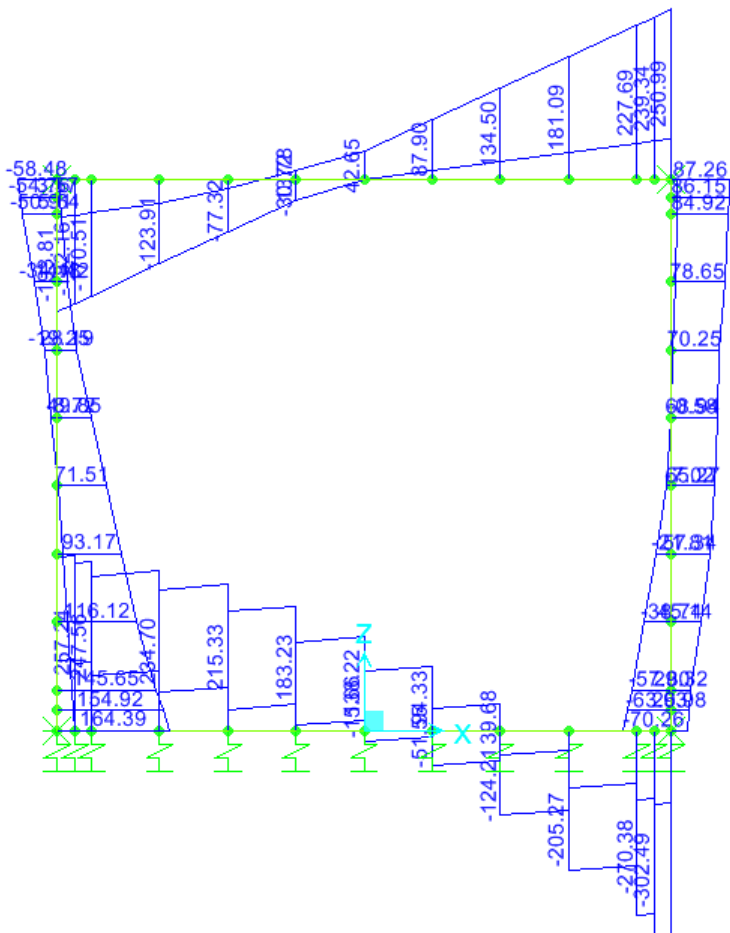




Azione assiale:

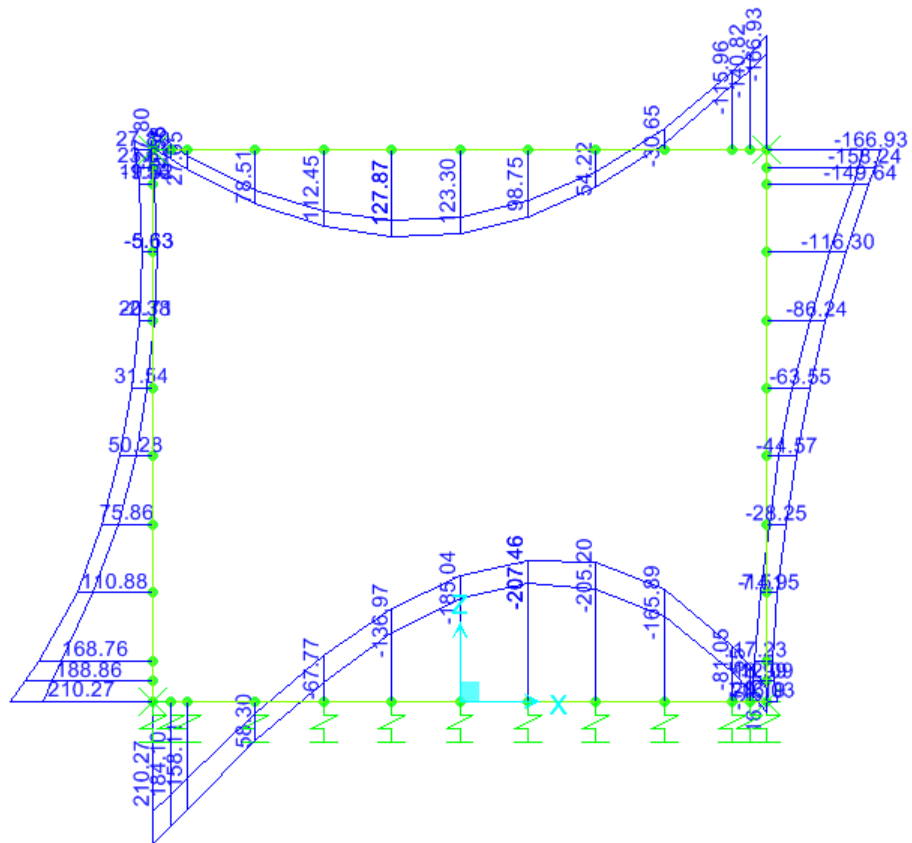


Azione tagliante:



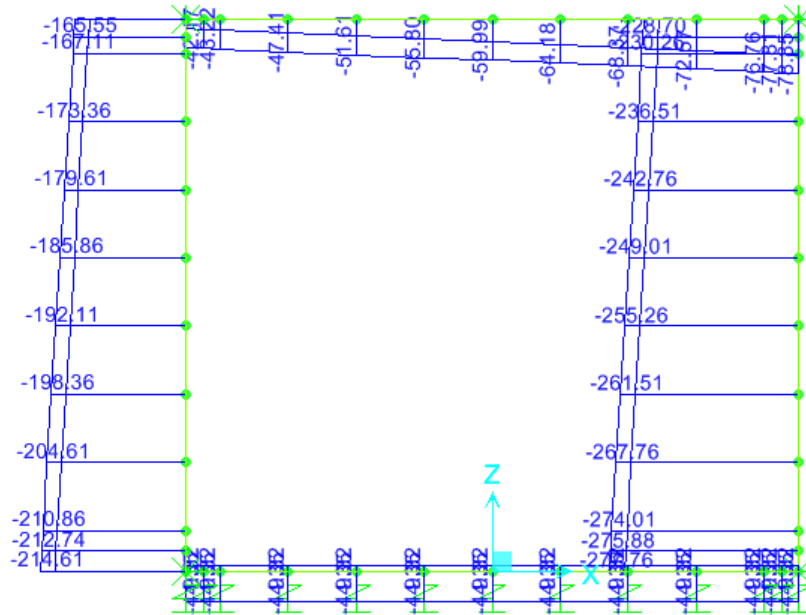
Di seguito si riportano i diagrammi delle sollecitazioni flettenti e flessionali agenti sulla struttura nella condizione di inviluppo delle combinazioni TA5:

Momento flettente:





Azione assiale:

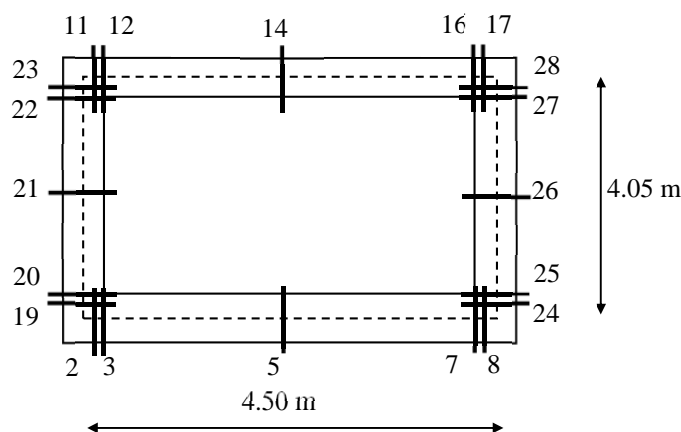


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8. VERIFICHE

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 56 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura longitudinale costituita da $\phi 16$), nei piedritti, il copriferro netto delle armature verticali è di 68 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura longitudinale costituita da $\phi 16$ e dello spillo costituito da $\phi 12$).

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 (lembo teso) costituita da $\phi 22/20$ e al lembo inferiore (lembo compresso) costituita da $\phi 22/20$;
- in mezzeria con un'armatura al lembo inferiore (lembo teso) costituita da $\phi 22/20$ e al lembo superiore (lembo compresso) costituita da $\phi 22/20$.

La soletta di fondazione è così armata:

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

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I piedritti sono armati con un'armatura al lembo esterno (lembo teso) costituita da $\phi 24/20$ e al lembo interno (lembo compresso) costituita da $\phi 16/20$.

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. 60 cm	2	213.46	-	$\phi 24/20$	$\phi 24/20$	145.0	-4.91	196.7
	5	-240.29	-	$\phi 24/20$	$\phi 24/20$	145.0	-5.53	221.4
Soletta superiore sp. 50 cm	14	149.87	-	$\phi 22/20$	$\phi 22/20$	121.2	-5.27	203.2
	17	-166.21	-	$\phi 22/20$	$\phi 22/20$	121.2	-5.84	225.4
Piedritto sinistro sp. 50 cm	19	218.97	-102.48	$\phi 24/20$	$\phi 16/20$	142.8	-8.15	237.3
	21	58.67	-83.73	$\phi 24/20$	$\phi 16/20$	164.5	-2.22	51.7
	23	64.15	-58.73	$\phi 24/20$	$\phi 16/20$	152.6	-2.41	63.4
Piedritto destro sp. 50 cm	24	-51.53	-107.40	$\phi 24/20$	$\phi 16/20$	181.4	-1.96	38.7
	26	-75.62	-88.65	$\phi 24/20$	$\phi 16/20$	158.5	-2.85	70.6
	28	-186.89	-63.65	$\phi 24/20$	$\phi 16/20$	140.1	-6.93	207.7

A_s : armatura tesa

A'_s : armatura compressa

X : posizione asse neutro da lembo compresso

Nelle verifiche flessionali delle solette si è trascurata la presenza della azione assiale.

	Sezione	T (kN)	b (mm)	d (mm)	τ (N/mm ²)	
Soletta inferiore	3	247.56	1000	544	0.51	$< \tau_{co} = 0.73 \text{ N/mm}^2$
	7	-270.38	1000	544	0.55	$< \tau_{co} = 0.73 \text{ N/mm}^2$
Soletta superiore	12	-170.51	1000	444	0.43	$< \tau_{co} = 0.73 \text{ N/mm}^2$
	16	227.69	1000	444	0.57	$< \tau_{co} = 0.73 \text{ N/mm}^2$
Piedritto sinistro	20	145.65	1000	432	0.37	$< \tau_{co} = 0.73 \text{ N/mm}^2$
	22	-50.91	1000	432	0.13	$< \tau_{co} = 0.73 \text{ N/mm}^2$
Piedritto destro	25	-57.80	1000	432	0.15	$< \tau_{co} = 0.73 \text{ N/mm}^2$
	27	84.92	1000	432	0.22	$< \tau_{co} = 0.73 \text{ N/mm}^2$

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Nella soletta superiore, nella soletta inferiore e nei piedritti la tensione tangenziale è sempre inferiore alla τ_{co} . Non è quindi necessario disporre un'apposita armatura a taglio. Si dispongono spilli $\phi 12$ a maglia 40×40 cm.

8.2. Verifiche a fessurazione

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

- a contatto con il terreno $w_k \leq 0.15$ mm;
- non a contatto con il terreno $w_k \leq 0.2$ 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	158.11	-	$\phi 24/20$	$\phi 24/20$	-	0.15
	5	-207.46	-	$\phi 24/20$	$\phi 24/20$	0.14	0.20
Soletta superiore	14	127.87	-	$\phi 22/20$	$\phi 22/20$	-	0.20
	16	-115.96	-	$\phi 22/20$	$\phi 22/20$	-	0.15
Piedritti	20	168.76	-189.71	$\phi 24/20$	$\phi 16/20$	-	0.15
	27	-149.64	-207.85	$\phi 24/20$	$\phi 16/20$	-	0.15

Nelle verifiche flessionali delle solette si è trascurata la presenza della azione assiale.

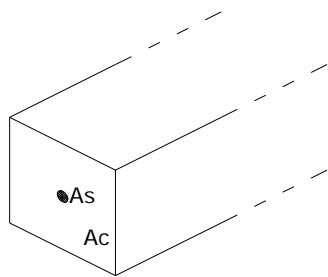
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9. VERIFICA EFFETTI LONGITUDINALI DA RITIRO

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:

Caratteristiche della sezione:

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

$$H = 60 \text{ cm}$$

$$A_{s, \text{long}} = 1 + 1 \varnothing 16 / 20 = 2010 \text{ mm}^2$$

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

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

Deformazione da ritiro:

$$\text{U.R.} = 75\%$$

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

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:

$$\sigma_s = -(1000 \times 600) \times 12940 \times 210000 \times 0.00035 / (2010 \times 210000 + 1000 \times 600 \times 12940) = -66.55 \text{ N/mm}^2$$

$$\sigma_c = 2010 \times 12940 \times 210000 \times 0.00035 / (2010 \times 210000 + 1000 \times 600 \times 12940) = 0.22 \text{ N/mm}^2$$

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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Soletta copertura:

Caratteristiche della sezione:

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

$$H = 50 \text{ cm}$$

$$A_{s, \text{long}} = 1 + 1 \varnothing 16 / 20 = 2010 \text{ mm}^2$$

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

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

Deformazione da ritiro:

$$\text{U.R.} = 75\%$$

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

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:

$$\sigma_s = -(1000 \times 500) \times 12940 \times 210000 \times 0.00035 / (2010 \times 210000 + 1000 \times 500 \times 12940) = -65.90 \text{ N/mm}^2$$

$$\sigma_c = 2010 \times 12940 \times 210000 \times 0.00035 / (2010 \times 210000 + 1000 \times 500 \times 12940) = 0.26 \text{ N/mm}^2$$

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.

10. VERIFICA MANUFATTO A U DI IMBOCCO

10.1. Geometria

Il manufatto a U di imbocco è realizzato da una soletta di fondazione su cui si innestano i piedritti, costituiti da setti continui in calcestruzzo armato a spessore costante. Il manufatto presenta un primo tratto con altezza interna costante pari a 1.80 m e un secondo tratto di altezza variabile da 1.80 m a 4.2 m.

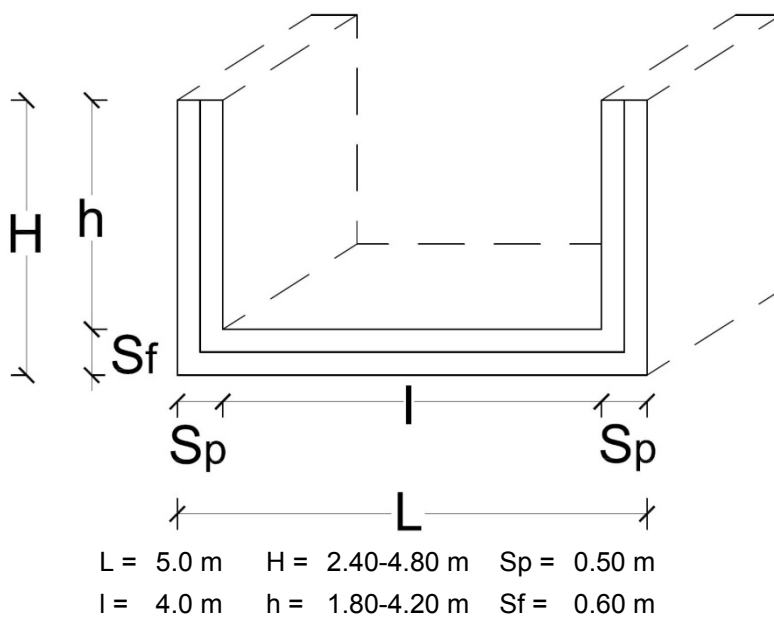


Figura 10 – Geometria manufatti a U

Per le caratteristiche dei materiali si rimanda a quanto riportato nel capitolo 2.

La definizione delle azioni sugli elementi strutturali che costituiscono il manufatto sono valutate considerando lo sviluppo degli elementi lungo la linea media.

Le verifiche sono condotte per $h=4.20 \text{ m}$.

10.2. Analisi dei carichi

Peso proprio (g_1)

Peso specifico cls:

$$\gamma_{\text{cls}} = 25.00 \text{ kN/m}^3$$

Peso unitario pareti:

$$g_{1,\text{pareti}} = 25 \cdot 0.50 = 12.50 \text{ kN/m}^2$$

Peso unitario fondazione:

$$g_{1,\text{fond}} = 25 \cdot 0.60 = 15.00 \text{ kN/m}^2$$

Totale peso struttura:

$$G_1 = 25 \cdot (2 \cdot h \cdot Sp + (2 \cdot Sp + I) \cdot Sf) = 180.00 \text{ kN/m}$$

Reazione terreno:

$$G_1 / l_{\text{media}} = 40.00 \text{ kN/m}^2$$

Idrostatica (q_{1w})

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L'azione dell'acqua di falda è valutata come una distribuzione di pressioni triangolare agente sul piedritto e come una sottospinta costante agente dal basso verso l'alto in corrispondenza di tutto lo sviluppo orizzontale della soletta di fondazione. Alla base del piedritto si ha:

$$q_w = h_w \cdot \gamma_w$$

La h_w è valutata rispetto alla linea media dell'elemento.

L'opera non è interessata dalla presenza della falda.

Spinta del terreno (q_3)

Il reinterro a ridosso dello scatolare verrà realizzato tramite materiale arido di buone caratteristiche meccaniche. La spinta del terreno è valutata come una pressione triangolare agente sul piedritto. La pressione massima si ha al piede del piedritto, il suo valore, riferito alla linea media della soletta di fondazione è pari a:

$$q_t = h_{\text{media}} \cdot \gamma_m \cdot K_0 = 4.50 \cdot 20 \cdot 0.426 = 38.38 \text{ kN/m}^2$$

Carico variabile verticale (q_1)

Si considera cautelativamente un carico distribuito di 10 kPa applicato ad un lato della struttura, questo carico simula i mezzi di cantiere che potrebbero insistere sul ricoprimento a lato. Tale carico comporta una pressione uniforme sul piedritto di intensità pari a:

$$q_1 = 10 \cdot K_0 = 10 \cdot 0.426 = 4.26 \text{ kN/m}^2$$

10.3. Calcolo delle azioni interne

Le azioni interne nei piedritti e nella soletta di fondazione sono calcolate ipotizzando il piedritto come elemento trave incastrato alla base e la fondazione come elemento trave vincolato alle due estremità.

carico	sezione base piedritto			sezione incastro fondazione			sezione mezzeria fondazione		
	M kNm/m	T kN/m	N kN/m	M kNm/m	T kN/m	N kN/m	M kNm/m	T kN/m	N kN/m
g_1	0.00	0.00	52.50	0.00	56.25	0.00	-63.28	0.00	0.00
$g_1 (w)$	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
g_3	129.53	86.35	0.00	129.53	0.00	86.35	129.53	0.00	86.35
q_1	43.18	19.19	0.00	43.18	0.00	19.19	43.18	0.00	19.19

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Le azioni sollecitanti di verifica sono:

	sezione base piedritto			sezione incastro fondazione			sezione mezzeria fondazione		
	M kNm/m	T kN/m	N kN/m	M kNm/m	T kN/m	N kN/m	M kNm/m	T kN/m	N kN/m
T.A.	172.70	105.54	52.50	172.70	56.25	-	109.42	0.00	-

10.4. Verifiche

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.

I piedritti sono armati con un'armatura al lembo esterno (lembo teso) costituita da $\phi 24/20 + \phi 24/40$ e al lembo interno (lembo compresso) costituita da $\phi 16/20$.

La soletta di fondazione è armata con un'armatura al lembo inferiore costituita da $\phi 20/20$ e al lembo superiore costituita da $\phi 20/20$.

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 longitudinale costituita da $\phi 16$), nei piedritti, il copriferro netto delle armature verticali è di 68 mm (allo spessore minimo del copriferro di 40 mm si è sommato il diametro dell'armatura longitudinale costituita da $\phi 16$ e dello spillo costituito da $\phi 12$).

Nel tratto con altezza dei piedritti costante pari a 1.80 m, che risulta essere poco sollecitato, si dispone in verticale un'armatura costituita da $\phi 16/20$ al lembo interno e esterno.

	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 (60 cm)	172.70	-	$\phi 20/20$	$\phi 20/20$	127.5	-4.71	225.3
Piedritto (50 cm)	172.70	-52.50	$\phi 24/20 + \phi 24/40$	$\phi 16/20$	163.1	-5.57	131.7

A_s : armatura tesa

A'_s : armatura compressa

X : posizione asse neutro da lembo compresso

	T (kN)	b (mm)	d (mm)	τ (N/mm ²)	
Soletta	56.25	1000	544	0.51	$< \tau_{co} = 0.73 \text{ N/mm}^2$
Piedritto	105.54	1000	432	0.27	$< \tau_{co} = 0.73 \text{ N/mm}^2$

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Nella soletta e nei piedritti la tensione tangenziale è sempre inferiore alla τ_{co} . Non è quindi necessario disporre un'apposita armatura a taglio. Si dispongono nei piedritti spilli $\phi 12$ a maglia 40×40 cm.

Verifiche a fessurazione:

Dovrà risultare:

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

Il prospetto seguente riassume i risultati delle verifiche.

	M (kNm)	N (kN)	A_s (mm ²)	A'_s (mm ²)	w (mm)	w_k (mm)
Soletta	172.70	-	$\phi 20/20$	$\phi 20/20$	-	0.15
Piedritti	172.70	-52.50	$\phi 24/20 + \phi 24/40$	$\phi 16/20$	0.123	0.15

Le verifiche risultano soddisfatte.

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11. TABULATI DI CALCOLO

11.1. Dati di input

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=7.84904737995992 E1=199947978.795958 A1=0.0000117
 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

<p>GENERAL CONTRACTOR</p>  <p>Consorzio Collegamenti Integrati Veloci</p>	<p>ALTA SORVEGLIANZA</p>  <p>GRUPPO FERROVIE DELLO STATO ITALIANE</p>	
<p>IG51-02-E-CV-CL-IN41-0X-001_A00</p> <p>Relazione di calcolo</p>		
		<p>Foglio 51 di 162</p>

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=100X50 Material=CONC Shape=Rectangular t3=0.5 t2=1 Area=0.5 TorsConst=2.86100260416667E-02
I33=1.04166666666667E-02 I22=4.16666666666667E-02 AS2=0.416666666666667 AS3=0.416666666666667
S33=4.16666666666667E-02 S22=8.33333333333333E-02 Z33=0.0625 Z22=0.125 R33=0.144337567297406
R22=0.288675134594813 ConcCol=Yes ConcBeam=No Color=Cyan TotalWt=157.5 TotalMass=15.1244105815887
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=67.5
TotalMass=6.48189024925232 FromFile=No AMod=1 A2Mod=1 A3Mod=1 JMod=1 I2Mod=1 I3Mod=1 MMod=1 WMod=1

TABLE: "FRAME SECTION PROPERTIES 02 - CONCRETE COLUMN"

SectionName=100X50 RebarMatL=A615Gr60 RebarMatC=REBAR ReinfConfig=Rectangular LatReinf=Ties Cover=0.04
NumBars3Dir=3 NumBars2Dir=3 BarSizeL=#9 BarSizeC=#4 SpacingC=0.15 NumCBars2=3 NumCBars3=3
ReinfType=Check

TABLE: "FRAME SECTION PROPERTIES 03 - CONCRETE BEAM"

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=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=INERZIAP ComboType=SRSS AutoDesign=No CaseType="Linear Static" CaseName=INERZIAH
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=INERZIAP CaseType="Linear Static" CaseName=INERZIAV ScaleFactor=1
 ComboName=INERZIAN 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=INERZIAP 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=ENVVISMA ComboType=Envelope AutoDesign=No CaseType="Response Combo" CaseName=TASISMAP
 ScaleFactor=1 SteelDesign=None ConcDesign=None AlumDesign=None ColdDesign=None
 ComboName=ENVVISMA 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=ENVVISMA 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=21.6063008308411 SelfWeight=225 TotalMassX=21.6063008308411
 TotalMassY=21.6063008308411 TotalMassZ=21.6063008308411

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=-2.25	Y=0	Z=0	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=0							
Joint=2	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.125	Y=0	Z=0	SpecialJt=No	GlobalX=-2.125	
GlobalY=0	GlobalZ=0							
Joint=4	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=0.8	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=0.8							
Joint=5	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=1.3	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=1.3							
Joint=6	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=1.8	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=1.8							
Joint=7	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=2.3	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=2.3							
Joint=8	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=2.8	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=2.8							
Joint=9	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=3.3	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=3.3							
Joint=10	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=0.8	SpecialJt=No	GlobalX=2.25	
GlobalY=0	GlobalZ=0.8							
Joint=11	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=1.3	SpecialJt=No	GlobalX=2.25	
GlobalY=0	GlobalZ=1.3							
Joint=12	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=1.8	SpecialJt=No	GlobalX=2.25	
GlobalY=0	GlobalZ=1.8							
Joint=13	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=0	SpecialJt=No	GlobalX=2.25	
GlobalY=0	GlobalZ=0							
Joint=14	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=4.05	SpecialJt=No	GlobalX=-2.25	
GlobalY=0	GlobalZ=4.05							
Joint=15	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.125	Y=0	Z=4.05	SpecialJt=No	GlobalX=-2.125	
GlobalY=0	GlobalZ=4.05							
Joint=16	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2	Y=0	Z=4.05	SpecialJt=No	GlobalX=-2	GlobalY=0
GlobalZ=4.05								
Joint=17	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.5	Y=0	Z=4.05	SpecialJt=No	GlobalX=-1.5	
GlobalY=0	GlobalZ=4.05							
Joint=18	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1	Y=0	Z=4.05	SpecialJt=No	GlobalX=-1	GlobalY=0
GlobalZ=4.05								
Joint=19	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.5	Y=0	Z=4.05	SpecialJt=No	GlobalX=-0.5	
GlobalY=0	GlobalZ=4.05							
Joint=20	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0	Y=0	Z=4.05	SpecialJt=No	GlobalX=0	GlobalY=0
GlobalZ=4.05								
Joint=21	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.5	Y=0	Z=4.05	SpecialJt=No	GlobalX=0.5	
GlobalY=0	GlobalZ=4.05							

Joint=22	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1	Y=0	Z=4.05	SpecialJt=No	GlobalX=1	GlobalY=0	GlobalZ=4.05
Joint=23	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.5	Y=0	Z=4.05	SpecialJt=No	GlobalX=1.5	GlobalY=0	GlobalZ=4.05
Joint=24	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2	Y=0	Z=4.05	SpecialJt=No	GlobalX=2	GlobalY=0	GlobalZ=4.05
Joint=25	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.125	Y=0	Z=4.05	SpecialJt=No	GlobalX=2.125	GlobalY=0	GlobalZ=4.05
Joint=26	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=4.05	SpecialJt=No	GlobalX=2.25	GlobalY=0	GlobalZ=4.05
Joint=27	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=2.3	SpecialJt=No	GlobalX=2.25	GlobalY=0	GlobalZ=2.3
Joint=28	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=2.8	SpecialJt=No	GlobalX=2.25	GlobalY=0	GlobalZ=2.8
Joint=29	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=0.15	SpecialJt=Yes	GlobalX=-2.25	GlobalY=0	GlobalZ=0.15
Joint=30	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=0.3	SpecialJt=Yes	GlobalX=-2.25	GlobalY=0	GlobalZ=0.3
Joint=31	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=3.8	SpecialJt=Yes	GlobalX=-2.25	GlobalY=0	GlobalZ=3.8
Joint=32	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2.25	Y=0	Z=3.925	SpecialJt=Yes	GlobalX=-2.25	GlobalY=0	GlobalZ=3.925
Joint=33	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=3.925	SpecialJt=Yes	GlobalX=2.25	GlobalY=0	GlobalZ=3.925
Joint=34	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=3.8	SpecialJt=Yes	GlobalX=2.25	GlobalY=0	GlobalZ=3.8
Joint=35	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=0.3	SpecialJt=Yes	GlobalX=2.25	GlobalY=0	GlobalZ=0.3
Joint=36	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=0.15	SpecialJt=Yes	GlobalX=2.25	GlobalY=0	GlobalZ=0.15
Joint=37	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.25	Y=0	Z=3.3	SpecialJt=No	GlobalX=2.25	GlobalY=0	GlobalZ=3.3
Joint=58	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2.125	Y=0	Z=0	SpecialJt=Yes	GlobalX=2.125	GlobalY=0	GlobalZ=0
Joint=59	CoordSys=GLOBAL	CoordType=Cartesian	XorR=2	Y=0	Z=0	SpecialJt=Yes	GlobalX=2	GlobalY=0	GlobalZ=0
Joint=60	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-2	Y=0	Z=0	SpecialJt=Yes	GlobalX=-2	GlobalY=0	GlobalZ=0
Joint=61	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1.5	Y=0	Z=0	SpecialJt=No	GlobalX=-1.5	GlobalY=0	GlobalZ=0
Joint=62	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-1	Y=0	Z=0	SpecialJt=No	GlobalX=-1	GlobalY=0	GlobalZ=0
Joint=63	CoordSys=GLOBAL	CoordType=Cartesian	XorR=-0.5	Y=0	Z=0	SpecialJt=No	GlobalX=-0.5	GlobalY=0	GlobalZ=0
Joint=64	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0	Y=0	Z=0	SpecialJt=No	GlobalX=0	GlobalY=0	GlobalZ=0
Joint=65	CoordSys=GLOBAL	CoordType=Cartesian	XorR=0.5	Y=0	Z=0	SpecialJt=No	GlobalX=0.5	GlobalY=0	GlobalZ=0
Joint=66	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1	Y=0	Z=0	SpecialJt=No	GlobalX=1	GlobalY=0	GlobalZ=0
Joint=67	CoordSys=GLOBAL	CoordType=Cartesian	XorR=1.5	Y=0	Z=0	SpecialJt=No	GlobalX=1.5	GlobalY=0	GlobalZ=0

TABLE: "CONNECTIVITY - FRAME"

Frame=1	JointI=1	JointJ=2	IsCurved=No	Length=0.125	CentroidX=-2.1875	CentroidY=0	CentroidZ=0
Frame=12	JointI=1	JointJ=29	IsCurved=No	Length=0.15	CentroidX=-2.25	CentroidY=0	CentroidZ=0.075
Frame=13	JointI=14	JointJ=15	IsCurved=No	Length=0.125	CentroidX=-2.1875	CentroidY=0	CentroidZ=4.05
Frame=14	JointI=15	JointJ=16	IsCurved=No	Length=0.125	CentroidX=-2.0625	CentroidY=0	CentroidZ=4.05
Frame=15	JointI=16	JointJ=17	IsCurved=No	Length=0.5	CentroidX=-1.75	CentroidY=0	CentroidZ=4.05
Frame=16	JointI=17	JointJ=18	IsCurved=No	Length=0.5	CentroidX=-1.25	CentroidY=0	CentroidZ=4.05
Frame=17	JointI=18	JointJ=19	IsCurved=No	Length=0.5	CentroidX=-0.75	CentroidY=0	CentroidZ=4.05
Frame=18	JointI=19	JointJ=20	IsCurved=No	Length=0.5	CentroidX=-0.25	CentroidY=0	CentroidZ=4.05
Frame=19	JointI=20	JointJ=21	IsCurved=No	Length=0.5	CentroidX=0.25	CentroidY=0	CentroidZ=4.05
Frame=20	JointI=21	JointJ=22	IsCurved=No	Length=0.5	CentroidX=0.75	CentroidY=0	CentroidZ=4.05
Frame=21	JointI=22	JointJ=23	IsCurved=No	Length=0.5	CentroidX=1.25	CentroidY=0	CentroidZ=4.05
Frame=22	JointI=23	JointJ=24	IsCurved=No	Length=0.5	CentroidX=1.75	CentroidY=0	CentroidZ=4.05
Frame=23	JointI=24	JointJ=25	IsCurved=No	Length=0.125	CentroidX=2.0625	CentroidY=0	CentroidZ=4.05
Frame=24	JointI=25	JointJ=26	IsCurved=No	Length=0.125	CentroidX=2.1875	CentroidY=0	CentroidZ=4.05
Frame=25	JointI=29	JointJ=30	IsCurved=No	Length=0.15	CentroidX=-2.25	CentroidY=0	CentroidZ=0.225
Frame=27	JointI=31	JointJ=32	IsCurved=No	Length=0.125	CentroidX=-2.25	CentroidY=0	CentroidZ=3.8625
Frame=28	JointI=32	JointJ=14	IsCurved=No	Length=0.125	CentroidX=-2.25	CentroidY=0	CentroidZ=3.9875
Frame=29	JointI=13	JointJ=36	IsCurved=No	Length=0.15	CentroidX=2.25	CentroidY=0	CentroidZ=0.075
Frame=30	JointI=36	JointJ=35	IsCurved=No	Length=0.15	CentroidX=2.25	CentroidY=0	CentroidZ=0.225
Frame=32	JointI=34	JointJ=33	IsCurved=No	Length=0.125	CentroidX=2.25	CentroidY=0	CentroidZ=3.8625
Frame=33	JointI=33	JointJ=26	IsCurved=No	Length=0.125	CentroidX=2.25	CentroidY=0	CentroidZ=3.9875
Frame=34	JointI=30	JointJ=4	IsCurved=No	Length=0.5	CentroidX=-2.25	CentroidY=0	CentroidZ=0.55
Frame=35	JointI=4	JointJ=5	IsCurved=No	Length=0.5	CentroidX=-2.25	CentroidY=0	CentroidZ=1.05
Frame=36	JointI=5	JointJ=6	IsCurved=No	Length=0.5	CentroidX=-2.25	CentroidY=0	CentroidZ=1.55
Frame=37	JointI=6	JointJ=7	IsCurved=No	Length=0.5	CentroidX=-2.25	CentroidY=0	CentroidZ=2.05
Frame=38	JointI=7	JointJ=8	IsCurved=No	Length=0.5	CentroidX=-2.25	CentroidY=0	CentroidZ=2.55
Frame=39	JointI=8	JointJ=9	IsCurved=No	Length=0.5	CentroidX=-2.25	CentroidY=0	CentroidZ=3.05
Frame=40	JointI=9	JointJ=31	IsCurved=No	Length=0.5	CentroidX=-2.25	CentroidY=0	CentroidZ=3.55



Frame=41	JointI=35	JointJ=10	IsCurved=No	Length=0.5	CentroidX=2.25	CentroidY=0	CentroidZ=0.55
Frame=42	JointI=10	JointJ=11	IsCurved=No	Length=0.5	CentroidX=2.25	CentroidY=0	CentroidZ=1.05
Frame=43	JointI=11	JointJ=12	IsCurved=No	Length=0.5	CentroidX=2.25	CentroidY=0	CentroidZ=1.55
Frame=44	JointI=12	JointJ=27	IsCurved=No	Length=0.5	CentroidX=2.25	CentroidY=0	CentroidZ=2.05
Frame=45	JointI=27	JointJ=28	IsCurved=No	Length=0.5	CentroidX=2.25	CentroidY=0	CentroidZ=2.55
Frame=46	JointI=28	JointJ=37	IsCurved=No	Length=0.5	CentroidX=2.25	CentroidY=0	CentroidZ=3.05
Frame=47	JointI=37	JointJ=34	IsCurved=No	Length=0.5	CentroidX=2.25	CentroidY=0	CentroidZ=3.55
Frame=66	JointI=2	JointJ=60	IsCurved=No	Length=0.125	CentroidX=-2.0625	CentroidY=0	CentroidZ=0
Frame=68	JointI=59	JointJ=58	IsCurved=No	Length=0.125	CentroidX=2.0625	CentroidY=0	CentroidZ=0
Frame=69	JointI=58	JointJ=13	IsCurved=No	Length=0.125	CentroidX=2.1875	CentroidY=0	CentroidZ=0
Frame=70	JointI=60	JointJ=61	IsCurved=No	Length=0.5	CentroidX=-1.75	CentroidY=0	CentroidZ=0
Frame=71	JointI=61	JointJ=62	IsCurved=No	Length=0.5	CentroidX=-1.25	CentroidY=0	CentroidZ=0
Frame=72	JointI=62	JointJ=63	IsCurved=No	Length=0.5	CentroidX=-0.75	CentroidY=0	CentroidZ=0
Frame=73	JointI=63	JointJ=64	IsCurved=No	Length=0.5	CentroidX=-0.25	CentroidY=0	CentroidZ=0
Frame=74	JointI=64	JointJ=65	IsCurved=No	Length=0.5	CentroidX=0.25	CentroidY=0	CentroidZ=0
Frame=75	JointI=65	JointJ=66	IsCurved=No	Length=0.5	CentroidX=0.75	CentroidY=0	CentroidZ=0
Frame=76	JointI=66	JointJ=67	IsCurved=No	Length=0.5	CentroidX=1.25	CentroidY=0	CentroidZ=0
Frame=77	JointI=67	JointJ=59	IsCurved=No	Length=0.5	CentroidX=1.75	CentroidY=0	CentroidZ=0

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=Local	U1=0	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=2	CoordSys=Local	U1=0	U2=0	U3=0	R1=0	R2=0	R3=0
Joint=13	CoordSys=Local	U1=0	U2=0	U3=0	R1=0	R2=0	R3=0

TABLE: "JOINT LOADS - FORCE"

Joint=1	LoadPat=8SPLM71	CoordSys=GLOBAL	F1=6.28	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=11SPSW2	CoordSys=GLOBAL	F1=5.48	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=13.23	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=4TERRASI	CoordSys=GLOBAL	F1=13.23	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=1	LoadPat=5TERRATT	CoordSys=GLOBAL	F1=5.04	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=13	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=-13.23	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=13	LoadPat=4TERRASI	CoordSys=GLOBAL	F1=-7.94	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=13	LoadPat=5TERRATT	CoordSys=GLOBAL	F1=-5.04	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=4TERRASI	CoordSys=GLOBAL	F1=1.8	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=5TERRATT	CoordSys=GLOBAL	F1=0.69	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=8SPLM71	CoordSys=GLOBAL	F1=5.24	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=10SW2CEN	CoordSys=GLOBAL	F1=0	F2=0	F3=-14.46	M1=0	M2=0	M3=0
Joint=14	LoadPat=11SPSW2	CoordSys=GLOBAL	F1=4.57	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=14	LoadPat=SOVRSISM	CoordSys=GLOBAL	F1=0	F2=0	F3=-8.26	M1=0	M2=0	M3=0
Joint=14	LoadPat=SOVRSISV	CoordSys=GLOBAL	F1=0	F2=0	F3=-10.29	M1=0	M2=0	M3=0
Joint=14	LoadPat=6LM71CEN	CoordSys=GLOBAL	F1=0	F2=0	F3=-16.57	M1=0	M2=0	M3=0
Joint=14	LoadPat=7LM71DIS	CoordSys=GLOBAL	F1=0	F2=0	F3=-16.57	M1=0	M2=0	M3=0
Joint=14	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=1.8	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=26	LoadPat=3TERRSIM	CoordSys=GLOBAL	F1=-1.8	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=26	LoadPat=4TERRASI	CoordSys=GLOBAL	F1=-1.08	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=26	LoadPat=5TERRATT	CoordSys=GLOBAL	F1=-0.69	F2=0	F3=0	M1=0	M2=0	M3=0
Joint=26	LoadPat=10SW2CEN	CoordSys=GLOBAL	F1=0	F2=0	F3=-14.46	M1=0	M2=0	M3=0
Joint=26	LoadPat=SOVRSISM	CoordSys=GLOBAL	F1=0	F2=0	F3=-8.26	M1=0	M2=0	M3=0
Joint=26	LoadPat=SOVRSISV	CoordSys=GLOBAL	F1=0	F2=0	F3=-10.29	M1=0	M2=0	M3=0
Joint=26	LoadPat=6LM71CEN	CoordSys=GLOBAL	F1=0	F2=0	F3=-16.57	M1=0	M2=0	M3=0
Joint=26	LoadPat=7LM71DIS	CoordSys=GLOBAL	F1=0	F2=0	F3=-16.57	M1=0	M2=0	M3=0

TABLE: "FRAME SECTION ASSIGNMENTS"

Frame=1	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X60	DesignSect=100X60	MatProp=Default
Frame=12	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=13	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=14	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=15	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=16	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=17	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=18	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=19	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=20	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=21	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=22	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=23	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=24	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=25	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=27	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=28	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=29	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=30	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=32	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=33	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=34	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default
Frame=35	SectionType=Rectangular	AutoSelect=N.A.	AnalSect=100X50	DesignSect=100X50	MatProp=Default



Frame=23	LoadPat=9AVVLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=10.48	FOverLB=10.48				
Frame=23	LoadPat=10SW2CEN	CoordSys=GLOBAL	Type=Force	Dir=Gravity	DistType=RelDist	RelDistA=0	
RelDistB=1	AbsDistA=0	AbsDistB=0.125	FOverLA=57.86	FOverLB=57.86			
Frame=23	LoadPat=12FRESW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=11.11	FOverLB=11.11				
Frame=23	LoadPat=SOVRSISM	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-33.03	FOverLB=-33.03				
Frame=23	LoadPat=SOVRSISV	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-41.14	FOverLB=-41.14				
Frame=23	LoadPat=6LM71CEN	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-66.29	FOverLB=-66.29				
Frame=23	LoadPat=7LM71DIS	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-66.29	FOverLB=-66.29				
Frame=23	LoadPat=INERZIAV	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=8.63	FOverLB=8.63				
Frame=23	LoadPat=INERZIAH	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=4.31	FOverLB=4.31				
Frame=24	LoadPat=2PERMAN	CoordSys=GLOBAL	Type=Force	Dir=Gravity	DistType=RelDist	RelDistA=0	
RelDistB=1	AbsDistA=0	AbsDistB=0.125	FOverLA=14.4	FOverLB=14.4			
Frame=24	LoadPat=9AVVLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=10.48	FOverLB=10.48				
Frame=24	LoadPat=10SW2CEN	CoordSys=GLOBAL	Type=Force	Dir=Gravity	DistType=RelDist	RelDistA=0	
RelDistB=1	AbsDistA=0	AbsDistB=0.125	FOverLA=57.86	FOverLB=57.86			
Frame=24	LoadPat=12FRESW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=11.11	FOverLB=11.11				
Frame=24	LoadPat=SOVRSISM	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-33.03	FOverLB=-33.03				
Frame=24	LoadPat=SOVRSISV	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-41.14	FOverLB=-41.14				
Frame=24	LoadPat=6LM71CEN	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-66.29	FOverLB=-66.29				
Frame=24	LoadPat=7LM71DIS	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-66.29	FOverLB=-66.29				
Frame=24	LoadPat=INERZIAV	CoordSys=GLOBAL	Type=Force	Dir=Z	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=8.63	FOverLB=8.63				
Frame=24	LoadPat=INERZIAH	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=4.31	FOverLB=4.31				
Frame=12	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=42.81	FOverLB=41.5307407407407				
Frame=12	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=42.81	FOverLB=41.5307407407407				
Frame=12	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=16.32	FOverLB=15.8322222222222				
Frame=12	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=20.94	FOverLB=20.94				
Frame=12	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=18.28	FOverLB=18.28				
Frame=12	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=0	FOverLB=1.28				
Frame=25	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=41.5307407407407	FOverLB=40.2514814814815				
Frame=25	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=41.5307407407407	FOverLB=40.2514814814815				
Frame=25	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=15.8322222222222	FOverLB=15.3444444444444				
Frame=25	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=20.94	FOverLB=20.94				
Frame=25	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=18.28	FOverLB=18.28				
Frame=25	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=1.28	FOverLB=2.56				
Frame=27	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=10.4020987654321	FOverLB=9.33604938271605				
Frame=27	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=10.4020987654321	FOverLB=9.33604938271605				
Frame=27	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=3.96296296296296	FOverLB=3.55648148148148				
Frame=27	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=20.94	FOverLB=20.94				
Frame=27	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=18.28	FOverLB=18.28				
Frame=27	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=32.4266666666667	FOverLB=33.4933333333333				
Frame=28	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=9.33604938271605	FOverLB=8.27				
Frame=28	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=9.33604938271605	FOverLB=8.27				
Frame=28	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=3.55648148148148	FOverLB=3.15				
Frame=28	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=20.94	FOverLB=20.94				



Frame=28	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=18.28	FOverLB=18.28				
Frame=28	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=33.4933333333333	FOverLB=34.56				
Frame=29	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=-42.81	FOverLB=-41.5307407407407				
Frame=29	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=-25.69	FOverLB=-24.9222222222222				
Frame=29	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=-16.32	FOverLB=-15.8322222222222				
Frame=29	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=0	FOverLB=1.28				
Frame=30	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=-41.5307407407407	FOverLB=-40.2514814814815				
Frame=30	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=-24.9222222222222	FOverLB=-24.1544444444444				
Frame=30	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=-15.8322222222222	FOverLB=-15.3444444444444				
Frame=30	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.15	FOverLA=1.28	FOverLB=2.56				
Frame=32	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-10.4020987654321	FOverLB=-9.33604938271605				
Frame=32	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-6.23962962962963	FOverLB=-5.59981481481482				
Frame=32	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-3.96296296296296	FOverLB=-3.55648148148148				
Frame=32	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=32.4266666666667	FOverLB=33.4933333333333				
Frame=33	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-9.33604938271605	FOverLB=-8.27				
Frame=33	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-5.59981481481482	FOverLB=-4.96				
Frame=33	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=-3.55648148148148	FOverLB=-3.15				
Frame=33	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.125	FOverLA=33.4933333333333	FOverLB=34.56				
Frame=34	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=40.2514814814815	FOverLB=35.9872839506173				
Frame=34	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=40.2514814814815	FOverLB=35.9872839506173				
Frame=34	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=15.3444444444444	FOverLB=13.7185185185185				
Frame=34	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
RelDistB=0.875	AbsDistA=0	AbsDistB=0.4375	FOverLA=20.94	FOverLB=20.94			
Frame=34	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.875	RelDistB=1
RelDistB=1	AbsDistA=0.4375	AbsDistB=0.5	FOverLA=20.94	FOverLB=20.94			
Frame=34	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
RelDistB=0.875	AbsDistA=0	AbsDistB=0.4375	FOverLA=18.28	FOverLB=18.28			
Frame=34	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.875	RelDistB=1
RelDistB=1	AbsDistA=0.4375	AbsDistB=0.5	FOverLA=18.28	FOverLB=18.28			
Frame=34	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=2.56	FOverLB=6.82666666666667				
Frame=35	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=35.9872839506173	FOverLB=31.7230864197531				
Frame=35	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=35.9872839506173	FOverLB=31.7230864197531				
Frame=35	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=13.7185185185185	FOverLB=12.0925925925926				
Frame=35	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=0.75
AbsDistA=0	AbsDistB=0.375	FOverLA=20.94	FOverLB=20.94				
Frame=35	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.75	RelDistB=1
AbsDistA=0.375	AbsDistB=0.5	FOverLA=20.94	FOverLB=20.94				
Frame=35	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=0.75
AbsDistA=0	AbsDistB=0.375	FOverLA=18.28	FOverLB=18.28				
Frame=35	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.75	RelDistB=1
AbsDistA=0.375	AbsDistB=0.5	FOverLA=18.28	FOverLB=18.28				
Frame=35	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=6.82666666666667	FOverLB=11.0933333333333				
Frame=36	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=31.7230864197531	FOverLB=27.4588888888889				
Frame=36	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=31.7230864197531	FOverLB=27.4588888888889				
Frame=36	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=12.0925925925926	FOverLB=10.4666666666667				
Frame=36	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
RelDistB=0.625	AbsDistA=0	AbsDistB=0.3125	FOverLA=20.94	FOverLB=20.94			
Frame=36	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.625	RelDistB=1
RelDistB=1	AbsDistA=0.3125	AbsDistB=0.5	FOverLA=20.94	FOverLB=20.94			
Frame=36	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
RelDistB=0.625	AbsDistA=0	AbsDistB=0.3125	FOverLA=18.28	FOverLB=18.28			
Frame=36	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.625	RelDistB=1
RelDistB=1	AbsDistA=0.3125	AbsDistB=0.5	FOverLA=18.28	FOverLB=18.28			



Frame=36	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=11.0933333333333	FOverLB=15.36				
Frame=37	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=27.4588888888889	FOverLB=23.1946913580247				
Frame=37	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=27.4588888888889	FOverLB=23.1946913580247				
Frame=37	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=10.4666666666667	FOverLB=8.84074074074074				
Frame=37	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	
RelDistB=0.499999999999999	AbsDistA=0	AbsDistB=0.25	FOverLA=20.94	FOverLB=20.94			
Frame=37	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.499999999999999	
RelDistB=0.8	AbsDistA=0.25	AbsDistB=0.4	FOverLA=20.94	FOverLB=20.94			
Frame=37	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.8	RelDistB=1
AbsDistA=0.4	AbsDistB=0.5	FOverLA=20.94	FOverLB=20.94				
Frame=37	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	
RelDistB=0.499999999999999	AbsDistA=0	AbsDistB=0.25	FOverLA=18.28	FOverLB=18.28			
Frame=37	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.499999999999999	
RelDistB=0.8	AbsDistA=0.25	AbsDistB=0.4	FOverLA=18.28	FOverLB=18.28			
Frame=37	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.8	RelDistB=1
AbsDistA=0.4	AbsDistB=0.5	FOverLA=18.28	FOverLB=18.28				
Frame=37	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=15.36	FOverLB=19.6266666666667				
Frame=38	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=23.1946913580247	FOverLB=18.9304938271605				
Frame=38	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=23.1946913580247	FOverLB=18.9304938271605				
Frame=38	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=8.84074074074074	FOverLB=7.21481481481482				
Frame=38	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	
RelDistB=0.375	AbsDistA=0	AbsDistB=0.1875	FOverLA=20.94	FOverLB=20.94			
Frame=38	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.375	
RelDistB=1	AbsDistA=0.1875	AbsDistB=0.5	FOverLA=20.94	FOverLB=20.94			
Frame=38	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	
RelDistB=0.375	AbsDistA=0	AbsDistB=0.1875	FOverLA=18.28	FOverLB=18.28			
Frame=38	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.375	
RelDistB=1	AbsDistA=0.1875	AbsDistB=0.5	FOverLA=18.28	FOverLB=18.28			
Frame=38	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=19.6266666666667	FOverLB=23.8933333333333				
Frame=39	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=18.9304938271605	FOverLB=14.6662962962963				
Frame=39	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=18.9304938271605	FOverLB=14.6662962962963				
Frame=39	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=7.21481481481482	FOverLB=5.58888888888889				
Frame=39	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=0.25
AbsDistA=0	AbsDistB=0.125	FOverLA=20.94	FOverLB=20.94				
Frame=39	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.25	RelDistB=1
AbsDistA=0.125	AbsDistB=0.5	FOverLA=20.94	FOverLB=20.94				
Frame=39	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=0.25
AbsDistA=0	AbsDistB=0.125	FOverLA=18.28	FOverLB=18.28				
Frame=39	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.25	RelDistB=1
AbsDistA=0.125	AbsDistB=0.5	FOverLA=18.28	FOverLB=18.28				
Frame=39	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=23.8933333333333	FOverLB=28.16				
Frame=40	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=14.6662962962963	FOverLB=10.4020987654321				
Frame=40	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=14.6662962962963	FOverLB=10.4020987654321				
Frame=40	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=5.58888888888889	FOverLB=3.96296296296296				
Frame=40	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	
RelDistB=0.125	AbsDistA=0	AbsDistB=6.25000000000002E-02	FOverLA=20.94	FOverLB=20.94			
Frame=40	LoadPat=8SPLM71	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.125	
RelDistB=0.999999999999999	AbsDistA=6.25000000000002E-02	AbsDistB=0.5	FOverLA=20.94	FOverLB=20.94			
Frame=40	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	
RelDistB=0.125	AbsDistA=0	AbsDistB=6.25000000000002E-02	FOverLA=18.28	FOverLB=18.28			
Frame=40	LoadPat=11SPSW2	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0.125	
RelDistB=0.999999999999999	AbsDistA=6.25000000000002E-02	AbsDistB=0.5	FOverLA=18.28	FOverLB=18.28			
Frame=40	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=28.16	FOverLB=32.4266666666667				
Frame=41	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-40.2514814814815	FOverLB=-35.9872839506173				
Frame=41	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-24.1544444444444	FOverLB=-21.5951851851852				
Frame=41	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-15.3444444444444	FOverLB=-13.7185185185185				
Frame=41	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=2.56	FOverLB=6.82666666666667				
Frame=42	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-35.9872839506173	FOverLB=-31.7230864197531				
Frame=42	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-21.5951851851852	FOverLB=-19.0359259259259				



Frame=42	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-13.7185185185185	FOverLB=-12.0925925925926				
Frame=42	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=6.82666666666667	FOverLB=11.0933333333333				
Frame=43	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-31.7230864197531	FOverLB=-27.4588888888889				
Frame=43	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-19.0359259259259	FOverLB=-16.4766666666667				
Frame=43	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-12.0925925925926	FOverLB=-10.4666666666667				
Frame=43	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=11.0933333333333	FOverLB=15.36				
Frame=44	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-27.4588888888889	FOverLB=-23.1946913580247				
Frame=44	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-16.4766666666667	FOverLB=-13.9174074074074				
Frame=44	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-10.4666666666667	FOverLB=-8.84074074074074				
Frame=44	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=15.36	FOverLB=19.6266666666667				
Frame=45	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-23.1946913580247	FOverLB=-18.9304938271605				
Frame=45	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-13.9174074074074	FOverLB=-11.3581481481481				
Frame=45	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-8.84074074074074	FOverLB=-7.21481481481482				
Frame=45	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=19.6266666666667	FOverLB=23.8933333333333				
Frame=46	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-18.9304938271605	FOverLB=-14.6662962962963				
Frame=46	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-11.3581481481481	FOverLB=-8.79888888888889				
Frame=46	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-7.21481481481482	FOverLB=-5.58888888888889				
Frame=46	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=23.8933333333333	FOverLB=28.16				
Frame=47	LoadPat=3TERRSIM	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-14.6662962962963	FOverLB=-10.4020987654321				
Frame=47	LoadPat=4TERRASI	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-8.79888888888889	FOverLB=-6.23962962962963				
Frame=47	LoadPat=5TERRATT	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=-5.58888888888889	FOverLB=-3.96296296296296				
Frame=47	LoadPat=SPSISMIC	CoordSys=GLOBAL	Type=Force	Dir=X	DistType=RelDist	RelDistA=0	RelDistB=1
AbsDistA=0	AbsDistB=0.5	FOverLA=28.16	FOverLB=32.4266666666667				

TABLE: "FRAME LOADS - TEMPERATURE"

Frame=13	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=14	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=15	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=16	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=17	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=18	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=19	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=20	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=21	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=22	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=23	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None
Frame=24	LoadPat=13TEMPER	Type=Temperature	Temp=5	JtPattern=None

TABLE: "FRAME DESIGN PROCEDURES"

Frame=1	DesignProc="From Material"
Frame=12	DesignProc="From Material"
Frame=13	DesignProc="From Material"
Frame=14	DesignProc="From Material"
Frame=15	DesignProc="From Material"
Frame=16	DesignProc="From Material"
Frame=17	DesignProc="From Material"
Frame=18	DesignProc="From Material"
Frame=19	DesignProc="From Material"
Frame=20	DesignProc="From Material"
Frame=21	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=32	DesignProc="From Material"
Frame=33	DesignProc="From Material"
Frame=34	DesignProc="From Material"



Frame=36 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=37 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=38 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=39 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=40 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=41 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=42 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=43 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=44 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=45 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=46 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			
Frame=47 DesignSect="Program Determined"	FrameType="Program Determined"	RLLF=0	XLMajor=0	XLMinor=0
XKMajor=0 XKMinor=0 CmMajor=0 CmMinor=0	DnsMajor=0 DnsMinor=0 DsMajor=0 DsMinor=0			

END TABLE DATA

11.2. Dati di output

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=-5.98322610428424E-04
R1=0 R2=1.80056953809266E-03	R3=0				
Joint=1 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=0	U2=0	U3=-1.60876815434841E-03
R1=0 R2=1.32858156502645E-03	R3=0				
Joint=1 OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=0	U2=0	U3=1.37429546231153E-03
R2=2.40804573674129E-03	R3=0				R1=0
Joint=1 OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=0	U2=0	U3=-3.52128931902717E-03
R2=-1.42173841537738E-04	R3=0				R1=0
Joint=2 OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.38891399377992E-08	U2=0	U3=-
8.13621481181005E-04	R1=0 R2=1.76258178404045E-03	R3=0			
Joint=2 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-2.56301733707566E-07	U2=0	U3=-
1.77386645038462E-03	R1=0 R2=1.29995737008096E-03	R3=0			
Joint=2 OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.12837366429263E-07	U2=0	
U3=1.08290614625533E-03	R1=0 R2=2.36742109652492E-03	R3=0			
Joint=2 OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.8249171983535E-07	U2=0	U3=-
3.60238877116299E-03	R1=0 R2=-1.48489097697277E-04	R3=0			
Joint=4 OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.60405938374323E-03	U2=0	U3=-
6.06687151619535E-04	R1=0 R2=2.13627051041453E-03	R3=0			
Joint=4 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=1.1904295547865E-03	U2=0	U3=-
1.61807135805501E-03	R1=0 R2=1.60137370770808E-03	R3=0			
Joint=4 OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.09849614698117E-03	U2=0	
U3=1.3682578399832E-03	R1=0 R2=2.76033008616228E-03	R3=0			
Joint=4 OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.28854835145293E-05	U2=0	U3=-
3.53265141270989E-03	R1=0 R2=-7.69866498214143E-05	R3=0			
Joint=5 OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.71063596492595E-03	U2=0	U3=-
6.1168960823046E-04	R1=0 R2=0.002252742603063	R3=0			
Joint=5 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.02492484202691E-03	U2=0	U3=-
1.62366047873811E-03	R1=0 R2=1.71178095476869E-03	R3=0			
Joint=5 OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=3.51877308544828E-03	U2=0	
U3=1.36470210196902E-03	R1=0 R2=2.87764675789495E-03	R3=0			
Joint=5 OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.13478950712409E-04	U2=0	U3=-
3.53952733962807E-03	R1=0 R2=-5.00279097319316E-05	R3=0			
Joint=6 OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.86008800781531E-03	U2=0	U3=-
6.16518694354062E-04	R1=0 R2=2.3178842298362E-03	R3=0			
Joint=6 OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.90444862751603E-03	U2=0	U3=-
1.6290762289339E-03	R1=0 R2=1.78706076516218E-03	R3=0			
Joint=6 OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=4.97993038223182E-03	U2=0	
U3=1.36131386742679E-03	R1=0 R2=2.93312004266774E-03	R3=0			
Joint=6 OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.32561178637731E-04	U2=0	U3=-
3.54622989605892E-03	R1=0 R2=-2.84191855209166E-05	R3=0			



Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.03082921977499E-03	U2=0	U3=-
6.21174409990344E-04	R1=0	R2=2.34712164301615E-03	R3=0			
Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=3.81367762866816E-03	U2=0	U3=-
1.63431860864236E-03	R1=0	R2=1.81866260446606E-03	R3=0			
Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=6.45462931640405E-03	U2=0	U3=-
U3=1.3580931202712E-03	R1=0	R2=2.9450440554813E-03	R3=0			
Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.41783717103174E-04	U2=0	U3=-
3.55275908200245E-03	R1=0	R2=-2.55789220960648E-05	R3=0			
Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=6.20863157702782E-03	U2=0	U3=-
6.25656755139302E-04	R1=0	R2=2.35446166575722E-03	R3=0			
Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=4.7414645447968E-03	U2=0	U3=-
1.6393876178635E-03	R1=0	R2=1.82615003206767E-03	R3=0			
Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=7.92273993483087E-03	U2=0	U3=-
U3=1.3550398458189E-03	R1=0	R2=2.92905405962541E-03	R3=0			
Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.41056089264802E-04	U2=0	U3=-
3.55911489745867E-03	R1=0	R2=-2.68114705552463E-05	R3=0			
Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.38591561009187E-03	U2=0	U3=-
6.29965729800937E-04	R1=0	R2=2.3524916920862E-03	R3=0			
Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.68056744504737E-03	U2=0	U3=-
1.64428325659731E-03	R1=0	R2=1.83116285690567E-03	R3=0			
Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=9.37134479433157E-03	U2=0	U3=-
U3=1.35215402980199E-03	R1=0	R2=2.89490147402566E-03	R3=0			
Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.28816403689391E-04	U2=0	U3=-
3.56529734242755E-03	R1=0	R2=-1.53449324450065E-05	R3=0			
Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.90627362423947E-03	U2=0	U3=-
8.11585980167203E-03	R1=0	R2=2.3914123539176E-03	R3=0			
Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=1.47242821773003E-03	U2=0	U3=-
9.3516174429563E-03	R1=0	R2=1.84965494043326E-03	R3=0			
Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.33546481101147E-03	U2=0	U3=-
2.5839778278385E-03	R1=0	R2=2.95581844277544E-03	R3=0			
Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.47577286236296E-06	U2=0	U3=-
1.08429783146176E-02	R1=0	R2=-1.328486216643E-05	R3=0			
Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.10432507154074E-03	U2=0	U3=-
8.12257906114666E-03	R1=0	R2=2.38748939880549E-03	R3=0			
Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.39684216359917E-03	U2=0	U3=-
9.35895816985489E-03	R1=0	R2=1.84422543363744E-03	R3=0			
Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=3.82448604631554E-03	U2=0	U3=-
2.58669697056166E-03	R1=0	R2=2.97898759928751E-03	R3=0			
Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.16268079530849E-05	U2=0	U3=-
1.08514403559675E-02	R1=0	R2=-2.6765580061663E-05	R3=0			
Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=4.2952914322685E-03	U2=0	U3=-
8.12912495013396E-03	R1=0	R2=2.3591011254463E-03	R3=0			
Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=3.31734160091652E-03	U2=0	U3=-
9.36612552626616E-03	R1=0	R2=1.82737949034832E-03	R3=0			
Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=5.31664485648981E-03	U2=0	U3=-
2.5892427427975E-03	R1=0	R2=2.96440384644169E-03	R3=0			
Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.62036855448216E-05	U2=0	U3=-
1.08597290268301E-02	R1=0	R2=-2.56056480482617E-05	R3=0			
Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.94000903776071E-06	U2=0	U3=-
8.10474837589899E-03	R1=0	R2=2.36399928843524E-03	R3=0			
Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-9.22686241347242E-06	U2=0	U3=-
9.33951166930492E-03	R1=0	R2=1.86325587176198E-03	R3=0			
Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=4.06214519145339E-06	U2=0	U3=-
2.57926658886781E-03	R1=0	R2=2.86159779517031E-03	R3=0			
Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.73697019140727E-05	U2=0	U3=-
0.010829078437844	R1=0	R2=6.73967466373481E-05	R3=0			
Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.14873016942563E-03	U2=0	U3=-
6.36104122129662E-04	R1=0	R2=2.35612228637185E-03	R3=0			
Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.10142767257462E-03	U2=0	U3=-
1.65130164503431E-03	R1=0	R2=1.85653449595519E-03	R3=0			
Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14973077815622E-02	U2=0	U3=-
U3=1.34813926014995E-03	R1=0	R2=2.84129638294394E-03	R3=0			
Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.46148106217881E-05	U2=0	U3=-
3.57424594021716E-03	R1=0	R2=3.75093898258873E-05	R3=0			
Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.14401761959519E-03	U2=0	U3=-
9.22651029157266E-04	R1=0	R2=2.35594479397592E-03	R3=0			
Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.10566586663959E-03	U2=0	U3=-
0.001903399754575	R1=0	R2=1.86119106102004E-03	R3=0			
Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=0.011497109239798	U2=0	U3=-
U3=1.00667510538337E-03	R1=0	R2=2.83212489175805E-03	R3=0			
Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.03787013257528E-05	U2=0	U3=-
3.75473024390747E-03	R1=0	R2=4.92999415096141E-05	R3=0			
Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.13929780207382E-03	U2=0	U3=-
1.20848778714962E-03	R1=0	R2=2.35011574730444E-03	R3=0			
Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.10989635611999E-03	U2=0	U3=-
2.15534107100335E-03	R1=0	R2=1.86056177763939E-03	R3=0			
Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14969065284784E-02	U2=0	U3=-
U3=6.68146773821282E-04	R1=0	R2=2.82188388100512E-03	R3=0			
Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-7.61425920297174E-05	U2=0	U3=-
3.93661396801246E-03	R1=0	R2=5.87120234777652E-05	R3=0			
Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.12034585507896E-03	U2=0	U3=-
2.33042869484874E-03	R1=0	R2=2.27859872782093E-03	R3=0			

Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.12674126819587E-03	U2=0	U3=-
3.15098826607803E-03	R1=0	R2=1.81279934326927E-03	R3=0			
Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14960539876461E-02	U2=0	U3=-
6.46487254612145E-04	R1=0	R2=2.73397096884969E-03	R3=0			
Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.9198154845576E-05	U2=0	U3=-
4.66350001514005E-03	R1=0	R2=7.53738538600121E-05	R3=0			
Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.1012776250291E-03	U2=0	U3=-
0.003394424690563	R1=0	R2=2.14991567975992E-03	R3=0			
Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.14346290691861E-03	U2=0	U3=-
4.10323612521783E-03	R1=0	R2=1.71091606820094E-03	R3=0			
Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14951347339275E-02	U2=0	U3=-
1.87613065758657E-03	R1=0	R2=2.5983534516372E-03	R3=0			
Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.22537176614346E-05	U2=0	U3=-
5.35654883267194E-03	R1=0	R2=6.51729674546022E-05	R3=0			
Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.08209311192426E-03	U2=0	U3=-
4.39099001676307E-03	R1=0	R2=1.99067367498635E-03	R3=0			
Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.1600612722882E-03	U2=0	U3=-
4.97866928616641E-03	R1=0	R2=1.57927413997821E-03	R3=0			
Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14941487673226E-02	U2=0	U3=-
2.5992642755583E-03	R1=0	R2=2.45093832945414E-03	R3=0			
Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.53092804772932E-05	U2=0	U3=-
5.97241972697669E-03	R1=0	R2=3.70636031907567E-05	R3=0			
Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.06311232343765E-03	U2=0	U3=-
5.28126804986384E-03	R1=0	R2=1.82747978536513E-03	R3=0			
Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.17621635663143E-03	U2=0	U3=-
5.76702412610237E-03	R1=0	R2=1.44223574614482E-03	R3=0			
Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14930960878312E-02	U2=0	U3=-
2.74519507839352E-03	R1=0	R2=2.30983844972234E-03	R3=0			
Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.68485096637302E-06	U2=0	U3=-
6.49341864704064E-03	R1=0	R2=-2.3364201295804E-15	R3=0			
Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.07960991154714E-03	U2=0	U3=-
5.96798808714886E-03	R1=0	R2=1.69416336783545E-03	R3=0			
Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.15665350797042E-03	U2=0	U3=-
0.006574489755497	R1=0	R2=1.31236783490542E-03	R3=0			
Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14919766954534E-02	U2=0	U3=-
2.73522776220864E-03	R1=0	R2=2.21483629007091E-03	R3=0			
Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.76550811065514E-05	U2=0	U3=-
7.48064379537281E-03	R1=0	R2=-5.60811276088766E-05	R3=0			
Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.09599121660165E-03	U2=0	U3=-
6.60268702312329E-03	R1=0	R2=1.61010920918798E-03	R3=0			
Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.13696738595626E-03	U2=0	U3=-
7.3853392113889E-03	R1=0	R2=1.22582783314296E-03	R3=0			
Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14907905901891E-02	U2=0	U3=-
2.70756437338863E-03	R1=0	R2=2.16874746423862E-03	R3=0			
Joint=22	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.66253112467298E-05	U2=0	U3=-
8.46113023995239E-03	R1=0	R2=-1.03208016286213E-04	R3=0			
Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.11225623860117E-03	U2=0	U3=-
7.21311935941156E-03	R1=0	R2=1.60192438128761E-03	R3=0			
Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.11715799058897E-03	U2=0	U3=-
8.16534933683197E-03	R1=0	R2=1.20697792840123E-03	R3=0			
Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14895377720383E-02	U2=0	U3=-
2.66892059113038E-03	R1=0	R2=2.19079682401825E-03	R3=0			
Joint=23	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.55955413869083E-05	U2=0	U3=-
9.40638764985094E-03	R1=0	R2=-1.3242642710511E-04	R3=0			
Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.12840497754569E-03	U2=0	U3=-
7.82937248790755E-03	R1=0	R2=1.69621595599927E-03	R3=0			
Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.09722532186853E-03	U2=0	U3=-
8.96895476866845E-03	R1=0	R2=1.27607676780097E-03	R3=0			
Joint=24	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14882220717079E-02	U2=0	U3=-
2.62064101059301E-03	R1=0	R2=2.30021794859341E-03	R3=0			
Joint=24	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.45657715270867E-05	U2=0	U3=-
1.03787900918809E-02	R1=0	R2=-1.34782121136347E-04	R3=0			
Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.13242399305448E-03	U2=0	U3=-
7.99046188427113E-03	R1=0	R2=1.73891880381948E-03	R3=0			
Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.09222289322699E-03	U2=0	U3=-
9.17975771807225E-03	R1=0	R2=1.31163156567769E-03	R3=0			
Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14878855957656E-02	U2=0	U3=-
2.6090803082324E-03	R1=0	R2=2.34352418877862E-03	R3=0			
Joint=25	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.93083290621313E-05	U2=0	U3=-
1.06334874418798E-02	R1=0	R2=-1.30124420271568E-04	R3=0			
Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.13643574087233E-03	U2=0	U3=-
8.15643599079622E-03	R1=0	R2=1.79010510429238E-03	R3=0			
Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=7.08721276000088E-03	U2=0	U3=-
9.39623317033625E-03	R1=0	R2=1.35546532715319E-03	R3=0			
Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.14875449502679E-02	U2=0	U3=-
2.59855325807816E-03	R1=0	R2=2.39384075846337E-03	R3=0			
Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-9.40508865971759E-05	U2=0	U3=-
1.08948825859311E-02	R1=0	R2=-1.23088249691215E-04	R3=0			
Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.46532894181506E-03	U2=0	U3=-
8.13549746863394E-03	R1=0	R2=2.30033697177555E-03	R3=0			
Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=4.22553343630861E-03	U2=0	U3=-
9.3731195121901E-03	R1=0	R2=1.78926711898197E-03	R3=0			

Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=6.79127800539099E-03	U2=0	U3=-
2.59161514454602E-03	R1=0	R2=2.91066138774607E-03	R3=0			
Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.75709558100832E-05	U2=0	U3=-
1.08678443272053E-02	R1=0	R2=-3.68281679984871E-05	R3=0			
Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=6.59785153055247E-03	U2=0	U3=-
8.1416966166466E-03	R1=0	R2=2.20613827977664E-03	R3=0			
Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.10845443789189E-03	U2=0	U3=-
9.37994012762673E-03	R1=0	R2=1.72145775708202E-03	R3=0			
Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=8.22579076022746E-03	U2=0	U3=-
2.59381417580721E-03	R1=0	R2=2.81653440200085E-03	R3=0			
Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-5.5663307431454E-05	U2=0	U3=-
1.08757862570933E-02	R1=0	R2=-5.73814947123371E-05	R3=0			
Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=2.79445464943063E-04	U2=0	U3=-
5.99924769146785E-04	R1=0	R2=1.88023995156986E-03	R3=0			
Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.05991983918935E-04	U2=0	U3=-
1.61054631228842E-03	R1=0	R2=1.39019214637955E-03	R3=0			
Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=3.70946824627616E-04	U2=0	U3=-
U3=1.37313073892769E-03	R1=0	R2=2.49167828477581E-03	R3=0			
Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.96019776780985E-05	U2=0	U3=-
3.52345351883771E-03	R1=0	R2=-1.27162629215497E-04	R3=0			
Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.70012540326317E-04	U2=0	U3=-
6.01511324521287E-04	R1=0	R2=1.95162227048118E-03	R3=0			
Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=4.20732642347042E-04	U2=0	U3=-
1.61230886688458E-03	R1=0	R2=1.44667522397993E-03	R3=0			
Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=7.53642884039378E-04	U2=0	U3=-
U3=1.37198109403386E-03	R1=0	R2=2.56676630837998E-03	R3=0			
Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-3.71165885074751E-05	U2=0	U3=-
3.52560211530439E-03	R1=0	R2=-1.1359129530456E-04	R3=0			
Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=8.56104068921675E-03	U2=0	U3=-
6.34101333975251E-04	R1=0	R2=2.35237968690226E-03	R3=0			
Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=6.62737915632985E-03	U2=0	U3=-
1.64900552484381E-03	R1=0	R2=1.8441606936664E-03	R3=0			
Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.07947426219063E-02	U2=0	U3=-
U3=1.34943565836638E-03	R1=0	R2=2.85706402584278E-03	R3=0			
Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.02301966421743E-04	U2=0	U3=-
3.57130641690912E-03	R1=0	R2=1.44123964357748E-05	R3=0			
Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=8.85480038778608E-03	U2=0	U3=-
6.35108145880185E-04	R1=0	R2=2.3538155883464E-03	R3=0			
Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=6.86518805182749E-03	U2=0	U3=-
1.65015900276678E-03	R1=0	R2=1.84974839634296E-03	R3=0			
Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.11466727582724E-02	U2=0	U3=-
U3=1.34878222713906E-03	R1=0	R2=2.8487284432842E-03	R3=0			
Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-9.30267410733926E-05	U2=0	U3=-
3.57278159639087E-03	R1=0	R2=2.52297918273363E-05	R3=0			
Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=8.90792935526422E-03	U2=0	U3=-
8.15501081383082E-03	R1=0	R2=1.84422295755363E-03	R3=0			
Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=6.91044646146549E-03	U2=0	U3=-
9.39465262651486E-03	R1=0	R2=1.40252486157924E-03	R3=0			
Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.11886834596706E-02	U2=0	U3=-
2.59812811030062E-03	R1=0	R2=2.44676933448115E-03	R3=0			
Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.65971388018692E-05	U2=0	U3=-
1.08930217134969E-02	R1=0	R2=-1.15019640415399E-04	R3=0			
Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=8.67285185413049E-03	U2=0	U3=-
8.15357480120995E-03	R1=0	R2=1.8954621689677E-03	R3=0			
Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=6.72803860693027E-03	U2=0	U3=-
9.39306124703801E-03	R1=0	R2=1.4474918007281E-03	R3=0			
Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.08829575770845E-02	U2=0	U3=-
2.59769212686763E-03	R1=0	R2=2.49760859847178E-03	R3=0			
Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.03544146403987E-05	U2=0	U3=-
1.08911500054072E-02	R1=0	R2=-1.0734591736732E-04	R3=0			
Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.11812597928117E-04	U2=0	U3=-
8.10896717171008E-03	R1=0	R2=2.37763245689507E-03	R3=0			
Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.47213003608691E-04	U2=0	U3=-
9.34410334557038E-03	R1=0	R2=1.85493743144736E-03	R3=0			
Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=8.66889312486052E-04	U2=0	U3=-
2.58108531462802E-03	R1=0	R2=2.90303137927913E-03	R3=0			
Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.66588317402586E-06	U2=0	U3=-
1.08343429027803E-02	R1=0	R2=2.61059263490031E-05	R3=0			
Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.55334464767618E-04	U2=0	U3=-
8.10686557547646E-03	R1=0	R2=2.37116249202138E-03	R3=0			
Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=2.69231138008188E-04	U2=0	U3=-
9.34181530910958E-03	R1=0	R2=1.85835335791056E-03	R3=0			
Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=4.32326296691362E-04	U2=0	U3=-
2.58018375341984E-03	R1=0	R2=2.88298872994776E-03	R3=0			
Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.05432608844558E-05	U2=0	U3=-
1.08317184719841E-02	R1=0	R2=4.48354739109779E-05	R3=0			
Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.67395677585648E-03	U2=0	U3=-
8.14772239417194E-03	R1=0	R2=2.07229829548093E-03	R3=0			
Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=5.94928094983654E-03	U2=0	U3=-
9.38658737257603E-03	R1=0	R2=1.6034775690992E-03	R3=0			
Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=9.59708005564726E-03	U2=0	U3=-
2.59583983658108E-03	R1=0	R2=2.67775204874879E-03	R3=0			



Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.42758530377871E-05	U2=0	U3=-
1.08835548164939E-02	R1=0	R2=-8.01770801764097E-05	R3=0			
Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.8861198978229E-06	U2=0	U3=-
7.86791136431669E-03	R1=0	R2=2.35724503455366E-03	R3=0			
Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-8.97056067976485E-06	U2=0	U3=-
9.04016465563465E-03	R1=0	R2=1.86311571800208E-03	R3=0			
Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=3.94930782502412E-06	U2=0	U3=-
2.56843339330687E-03	R1=0	R2=2.84809073215217E-03	R3=0			
Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.68872101942374E-05	U2=0	U3=-
1.04705855758913E-02	R1=0	R2=7.79661179832347E-05	R3=0			
Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.8322307578851E-06	U2=0	U3=-
7.63182381960285E-03	R1=0	R2=2.34447660725764E-03	R3=0			
Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-8.71425894605728E-06	U2=0	U3=-
8.74248342424469E-03	R1=0	R2=1.85740667551352E-03	R3=0			
Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=3.83647045859486E-06	U2=0	U3=-
2.55654139351043E-03	R1=0	R2=2.82907607880368E-03	R3=0			
Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.6404718474402E-05	U2=0	U3=-
1.01142189679922E-02	R1=0	R2=8.60153569623104E-05	R3=0			
Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.07778279875598E-07	U2=0	U3=-
1.02467237290717E-03	R1=0	R2=1.72961790819262E-03	R3=0			
Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-5.12603467415131E-07	U2=0	U3=-
1.93556977034362E-03	R1=0	R2=1.27603814557472E-03	R3=0			
Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.25674732858525E-07	U2=0	U3=-
U3=7.96875499191295E-04	R1=0	R2=2.33052262156085E-03	R3=0			
Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-9.649834396707E-07	U2=0	U3=-
3.68071941201914E-03	R1=0	R2=-1.52288171803179E-04	R3=0			
Joint=61	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=3.23334839626795E-07	U2=0	U3=-
1.83793390142107E-03	R1=0	R2=1.64658731348669E-03	R3=0			
Joint=61	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-1.53781040224539E-06	U2=0	U3=-
2.56070993375193E-03	R1=0	R2=1.22498509236273E-03	R3=0			
Joint=61	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=6.77024198575576E-07	U2=0	U3=-
3.01370312081084E-04	R1=0	R2=2.22255059064138E-03	R3=0			
Joint=61	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-2.8949503190121E-06	U2=0	U3=-
3.9804095859408E-03	R1=0	R2=-1.46502544011392E-04	R3=0			
Joint=62	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=5.38891399377979E-07	U2=0	U3=-
2.62532623025033E-03	R1=0	R2=1.63792903247875E-03	R3=0			
Joint=62	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-2.56301733707566E-06	U2=0	U3=-
3.19144124420057E-03	R1=0	R2=1.24054344228538E-03	R3=0			
Joint=62	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.12837366429261E-06	U2=0	U3=-
1.34267253852518E-03	R1=0	R2=2.17959958912318E-03	R3=0			
Joint=62	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-4.82491719835351E-06	U2=0	U3=-
4.30108508784834E-03	R1=0	R2=-1.12894481322708E-04	R3=0			
Joint=63	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=7.54447959129162E-07	U2=0	U3=-
3.42415435260864E-03	R1=0	R2=1.69422020255606E-03	R3=0			
Joint=63	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-3.58822427190593E-06	U2=0	U3=-
3.84949734343417E-03	R1=0	R2=1.31235363694977E-03	R3=0			
Joint=63	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=1.57972313000965E-06	U2=0	U3=-
2.24584533029337E-03	R1=0	R2=2.19997061038757E-03	R3=0			
Joint=63	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-6.75488407769491E-06	U2=0	U3=-
4.66525782928827E-03	R1=0	R2=-6.09837849667287E-05	R3=0			
Joint=64	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=9.70004518880347E-07	U2=0	U3=-
4.25238298298191E-03	R1=0	R2=1.80196295428416E-03	R3=0			
Joint=64	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-4.6134312067362E-06	U2=0	U3=-
4.55338207465039E-03	R1=0	R2=1.42697267649607E-03	R3=0			
Joint=64	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.03107259572668E-06	U2=0	U3=-
2.38037713777974E-03	R1=0	R2=2.27650653104733E-03	R3=0			
Joint=64	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-8.68485095703632E-06	U2=0	U3=-
0.005089573932871	R1=0	R2=-2.2772040599568E-15	R3=0			
Joint=65	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.18556107863153E-06	U2=0	U3=-
4.99754702550711E-03	R1=0	R2=1.94862941895036E-03	R3=0			
Joint=65	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-5.63863814156647E-06	U2=0	U3=-
5.47871936203364E-03	R1=0	R2=1.55138745142069E-03	R3=0			
Joint=65	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.48242206144372E-06	U2=0	U3=-
2.39655915883667E-03	R1=0	R2=2.40889805661741E-03	R3=0			
Joint=65	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.06148178363777E-05	U2=0	U3=-
6.2040212359676E-03	R1=0	R2=4.46824857069255E-05	R3=0			
Joint=66	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.40111763838272E-06	U2=0	U3=-
5.81911373920527E-03	R1=0	R2=2.10685180875998E-03	R3=0			
Joint=66	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-6.66384507639674E-06	U2=0	U3=-
6.48884332833031E-03	R1=0	R2=1.68149346362639E-03	R3=0			
Joint=66	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=2.93377152716076E-06	U2=0	U3=-
2.44285374826986E-03	R1=0	R2=2.56405283376987E-03	R3=0			
Joint=66	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.25447847157192E-05	U2=0	U3=-
7.41616503878571E-03	R1=0	R2=8.01606255025255E-05	R3=0			
Joint=67	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	U1=1.6166741981339E-06	U2=0	U3=-
6.70627703454992E-03	R1=0	R2=2.24957879656118E-03	R3=0			
Joint=67	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	U1=-7.68905201122702E-06	U2=0	U3=-
7.58042104463969E-03	R1=0	R2=1.79300221363792E-03	R3=0			
Joint=67	OutputCase=ENVETA	CaseType=Combination	StepType=Max	U1=3.3851209928778E-06	U2=0	U3=-
2.50394433820313E-03	R1=0	R2=2.71518908166929E-03	R3=0			
Joint=67	OutputCase=ENVETA	CaseType=Combination	StepType=Min	U1=-1.44747515950606E-05	U2=0	U3=-
8.72366271417684E-03	R1=0	R2=9.71143853103441E-05	R3=0			



Joint=64 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=59.1939669704551	M1=0
Joint=64 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=55.2809787787649	M1=0
Joint=64 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=66.164461127323	M1=0
Joint=64 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=30.9449027911366	M1=0
Joint=65 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=71.2233517064373	M1=0
Joint=65 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=64.9681113315924	M1=0
Joint=65 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=80.6522760675789	M1=0
Joint=65 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=31.1552690648767	M1=0
Joint=66 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=84.354963268294	M1=0
Joint=66 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=75.6484786096684	M1=0
Joint=66 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=96.4101455042143	M1=0
Joint=66 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=31.7570987275081	M1=0
Joint=67 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=98.5454735803159	M1=0
Joint=67 M2=0 M3=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=87.1816014491489	M1=0
Joint=67 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0	F2=0	F3=113.407615284299	M1=0
Joint=67 M2=0 M3=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=0	F2=0	F3=32.5512763966407	M1=0

TABLE: "ASSEMBLED JOINT MASSES"

Joint=1	U1=0.180052506923676	U2=0.180052506923676	U3=0.180052506923676	R1=0	R2=0	R3=0
Joint=2	U1=0.180052506923676	U2=0.180052506923676	U3=0.180052506923676	R1=0	R2=0	R3=0
Joint=4	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=5	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=6	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=7	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=8	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=9	U1=0.600175023078919	U2=0.600175023078919	U3=0.600175023078919	R1=0	R2=0	R3=0
Joint=10	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=11	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=12	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=13	U1=0.180052506923676	U2=0.180052506923676	U3=0.180052506923676	R1=0	R2=0	R3=0
Joint=14	U1=0.15004375576973	U2=0.15004375576973	U3=0.15004375576973	R1=0	R2=0	R3=0
Joint=15	U1=0.15004375576973	U2=0.15004375576973	U3=0.15004375576973	R1=0	R2=0	R3=0
Joint=16	U1=0.375109389424324	U2=0.375109389424324	U3=0.375109389424324	R1=0	R2=0	R3=0
Joint=17	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=18	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=19	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=20	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=21	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=22	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=23	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=24	U1=0.375109389424324	U2=0.375109389424324	U3=0.375109389424324	R1=0	R2=0	R3=0
Joint=25	U1=0.15004375576973	U2=0.15004375576973	U3=0.15004375576973	R1=0	R2=0	R3=0
Joint=26	U1=0.15004375576973	U2=0.15004375576973	U3=0.15004375576973	R1=0	R2=0	R3=0
Joint=27	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=28	U1=0.600175023078918	U2=0.600175023078918	U3=0.600175023078918	R1=0	R2=0	R3=0
Joint=29	U1=0.180052506923676	U2=0.180052506923676	U3=0.180052506923676	R1=0	R2=0	R3=0
Joint=30	U1=0.390113765001297	U2=0.390113765001297	U3=0.390113765001297	R1=0	R2=0	R3=0
Joint=31	U1=0.375109389424324	U2=0.375109389424324	U3=0.375109389424324	R1=0	R2=0	R3=0
Joint=32	U1=0.15004375576973	U2=0.15004375576973	U3=0.15004375576973	R1=0	R2=0	R3=0
Joint=33	U1=0.15004375576973	U2=0.15004375576973	U3=0.15004375576973	R1=0	R2=0	R3=0
Joint=34	U1=0.375109389424324	U2=0.375109389424324	U3=0.375109389424324	R1=0	R2=0	R3=0
Joint=35	U1=0.390113765001297	U2=0.390113765001297	U3=0.390113765001297	R1=0	R2=0	R3=0
Joint=36	U1=0.180052506923676	U2=0.180052506923676	U3=0.180052506923676	R1=0	R2=0	R3=0
Joint=37	U1=0.600175023078919	U2=0.600175023078919	U3=0.600175023078919	R1=0	R2=0	R3=0
Joint=58	U1=0.180052506923676	U2=0.180052506923676	U3=0.180052506923676	R1=0	R2=0	R3=0
Joint=59	U1=0.450131267309189	U2=0.450131267309189	U3=0.450131267309189	R1=0	R2=0	R3=0
Joint=60	U1=0.450131267309189	U2=0.450131267309189	U3=0.450131267309189	R1=0	R2=0	R3=0
Joint=61	U1=0.720210027694702	U2=0.720210027694702	U3=0.720210027694702	R1=0	R2=0	R3=0
Joint=62	U1=0.720210027694702	U2=0.720210027694702	U3=0.720210027694702	R1=0	R2=0	R3=0
Joint=63	U1=0.720210027694702	U2=0.720210027694702	U3=0.720210027694702	R1=0	R2=0	R3=0
Joint=64	U1=0.720210027694702	U2=0.720210027694702	U3=0.720210027694702	R1=0	R2=0	R3=0
Joint=65	U1=0.720210027694702	U2=0.720210027694702	U3=0.720210027694702	R1=0	R2=0	R3=0
Joint=66	U1=0.720210027694702	U2=0.720210027694702	U3=0.720210027694702	R1=0	R2=0	R3=0
Joint=67	U1=0.720210027694702	U2=0.720210027694702	U3=0.720210027694702	R1=0	R2=0	R3=0

TABLE: "ELEMENT FORCES - FRAMES"



Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146126
 V2=212.087761481896 V3=0 T=0 M2=0 M3=210.266489786402 S11Max=3499.05375912314 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-2668.69188645575 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1 ElemStation=0
 Frame=1 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146126
 V2=213.962761481896 V3=0 T=0 M2=0 M3=184.098122468642 S11Max=3062.91430382714 PtS11Max=1 x2S11Max=-0.3
 _
 x3S11Max=-0.5 S11Min=-2258.23869956048 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1
 ElemStation=0.125
 Frame=1 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420659
 V2=192.462638438659 V3=0 T=0 M2=0 M3=160.887840891947 S11Max=2694.23614327581 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-3509.82923375692 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1 ElemStation=0
 Frame=1 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420659
 V2=194.337638438659 V3=0 T=0 M2=0 M3=136.260649678231 S11Max=2283.78295638055 PtS11Max=1 x2S11Max=-0.3
 _
 x3S11Max=-0.5 S11Min=-3073.68977846092 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1
 ElemStation=0.125
 Frame=1 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302421
 V2=255.369234325471 V3=0 T=0 M2=0 M3=242.912219912477 S11Max=4060.14991323902 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-710.82964839293 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1 ElemStation=0
 Frame=1 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302421
 V2=257.244234325471 V3=0 T=0 M2=0 M3=213.458569411721 S11Max=3569.25573822643 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-486.23217533607 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1 ElemStation=0.125
 Frame=1 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417
 V2=103.251895796222 V3=0 T=0 M2=0 M3=39.5021188882142 S11Max=605.907647880878 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-4036.92408384353 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1 ElemStation=0
 Frame=1 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417
 V2=105.126895796222 V3=0 T=0 M2=0 M3=26.0262705048027 S11Max=381.310174824018 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-3546.02990883094 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=1 ElemStation=0.125
 Frame=12 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-193.463385737867
 V2=147.148994026764 V3=0 T=0 M2=0 M3=210.266489786405 S11Max=4626.99964250934 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-4258.06405053139 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12 ElemStation=0
 Frame=12 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-191.588385737867
 V2=138.310638433765 V3=0 T=0 M2=0 M3=188.859415962977 S11Max=4116.97987074705 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-3937.99170243419 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12
 ElemStation=0.15
 Frame=12 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-214.612605006708
 V2=90.1759244877866 V3=0 T=0 M2=0 M3=160.887840891946 S11Max=3464.55231228204 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-5465.79186723821 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12 ElemStation=0
 Frame=12 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-212.737605006708
 V2=85.5709077884328 V3=0 T=0 M2=0 M3=147.707743054563 S11Max=3151.97996418485 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-4948.27209547592 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12
 ElemStation=0.15
 Frame=12 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-106.235451175758
 V2=164.390001182552 V3=0 T=0 M2=0 M3=242.912219912481 S11Max=5358.76586688622 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-1170.35085331759 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12 ElemStation=0
 Frame=12 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-104.360451175758
 V2=154.923445626997 V3=0 T=0 M2=0 M3=218.966110012876 S11Max=4787.80922929569 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-1075.79159276458 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12
 ElemStation=0.15
 Frame=12 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-261.001924742914
 V2=26.4366001536136 V3=0 T=0 M2=0 M3=39.5021188882141 S11Max=725.750853316687 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-6301.02068891299 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12 ElemStation=0
 Frame=12 Station=0.15 OutputCase=ENVETA CaseType=Combination StepType=Min P=-259.126924742914
 V2=24.025183486947 V3=0 T=0 M2=0 M3=35.7183996985054 S11Max=638.691592763678 PtS11Max=1 x2S11Max=-0.25
 _
 x3S11Max=-0.5 S11Min=-5722.56405132246 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=12
 ElemStation=0.15
 Frame=13 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-12.8240264495805 V2=-
 131.270385565518 V3=0 T=0 M2=0 M3=-2.8827982155673 S11Max=584.933416956623 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-121.578989849367 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=13 ElemStation=0
 Frame=13 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-13.9350264661357 V2=-
 122.1218854793 V3=0 T=0 M2=0 M3=12.9542187247338 S11Max=256.287416684749 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-27.8700529322715 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=13
 ElemStation=0.125
 Frame=13 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-41.1266186164035 V2=-
 150.731604809119 V3=0 T=0 M2=0 M3=-27.7994439245596 S11Max=16.7953244978628 PtS11Max=3 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-749.439891422236 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=13
 ElemStation=0



Frame=13 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-42.1746186320199 V2=-
 140.74010471034 V3=0 T=0 M2=0 M3=-9.58246207959352 S11Max=-84.3492372640398 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-365.515082102474 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=13 ElemStation=0.125
 Frame=13 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-2.34064046630451 V2=-
 55.6104511756855 V3=0 T=0 M2=0 M3=30.7665967861976 S11Max=1578.38837802412 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-4.68128093260902 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=13 ElemStation=0
 Frame=13 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-3.72939046630451 V2=-
 52.2479511756855 V3=0 T=0 M2=0 M3=41.0412304894075 S11Max=1014.4407287959 PtS11Max=3 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-7.45878093260903 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=13
 ElemStation=0.125
 Frame=13 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892784191 V2=-
 193.806924742741 V3=0 T=0 M2=0 M3=-71.22631485754 S11Max=-131.043178556838 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1840.4747351378 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=13 ElemStation=0
 Frame=13 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892784191 V2=-
 182.158174742741 V3=0 T=0 M2=0 M3=-47.7284961396976 S11Max=-131.043178556838 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1276.52708590958 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=13 ElemStation=0.125
 Frame=14 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-13.9350264661654 V2=-
 122.121885479237 V3=0 T=0 M2=0 M3=12.954218724728 S11Max=256.287416684533 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 _
 S11Min=-27.8700529323309 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=14 ElemStation=0
 Frame=14 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-15.0460264827206 V2=-
 112.973385393018 V3=0 T=0 M2=0 M3=27.6476731542439 S11Max=606.708322959805 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-263.699211367532 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=14
 ElemStation=0.125
 Frame=14 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-42.1746186319681 V2=-
 140.740104710257 V3=0 T=0 M2=0 M3=-9.58246207959328 S11Max=-84.3492372639362 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-365.515082102411 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=14 ElemStation=0
 Frame=14 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-43.2226186475845 V2=-
 130.748604611477 V3=0 T=0 M2=0 M3=7.38558225301513 S11Max=90.8087367771943 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-720.379988443904 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=14
 ElemStation=0.125
 Frame=14 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-3.72939046635131 V2=-
 52.2479511756209 V3=0 T=0 M2=0 M3=41.041230489404 S11Max=1014.4407287957 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-7.45878093270262 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=14 ElemStation=0
 Frame=14 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-5.11814046635131 V2=-
 48.885451175621 V3=0 T=0 M2=0 M3=50.6199384449063 S11Max=1156.77976897058 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-10.2362809327026 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=14
 ElemStation=0.125
 Frame=14 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785323 V2=-
 182.158174742599 V3=0 T=0 M2=0 M3=-47.7284961396986 S11Max=-131.043178557065 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1276.52708590983 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=14 ElemStation=0
 Frame=14 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785323 V2=-
 170.509424742599 V3=0 T=0 M2=0 M3=-27.3260706944568 S11Max=-131.043178557065 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1272.99064035998 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=14 ElemStation=0.125
 Frame=15 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-15.0460264827073 V2=-
 112.973385393001 V3=0 T=0 M2=0 M3=27.647673154242 S11Max=606.708322959754 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 _
 S11Min=-263.699211367977 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=15 ElemStation=0
 Frame=15 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-19.490026548928 V2=-
 76.3793850481281 V3=0 T=0 M2=0 M3=78.5097232410298 S11Max=1811.40614350294 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-1509.59450361695 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=15
 ElemStation=0.5
 Frame=15 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-43.2226186477918 V2=-
 130.748604611514 V3=0 T=0 M2=0 M3=7.3855822530164 S11Max=90.8087367768098 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 _
 S11Min=-720.379988443861 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=15 ElemStation=0
 Frame=15 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-47.4146187102575 V2=-
 90.782604216395 V3=0 T=0 M2=0 M3=59.2445269834881 S11Max=1334.14279159048 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-1957.06057206649 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=15
 ElemStation=0.5
 Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-5.11814046631777 V2=-
 48.8854511756017 V3=0 T=0 M2=0 M3=50.6199384449095 S11Max=1156.77976897061 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 _
 S11Min=-10.2362809326355 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=15 ElemStation=0
 Frame=15 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-9.63382922636347 V2=-
 35.4354511756017 V3=0 T=0 M2=0 M3=94.528164006915 S11Max=2191.16793852984 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-44.7769015501917 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=15
 ElemStation=0.5
 Frame=15 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785901 V2=-
 170.509424742628 V3=0 T=0 M2=0 M3=-27.326070694457 S11Max=-131.04317855718 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1272.9906403601 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=15 ElemStation=0



Frame=15 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785901 V2=-
 123.914424742628 V3=0 T=0 M2=0 M3=-1.30538337741491 S11Max=-107.435303666107 PtS11Max=1 x2S11Max=-0.25
 -
 x3S11Max=-0.5 S11Min=-2346.18393380208 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=15
 ElemStation=0.5
 Frame=16 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-19.4900265489454 V2=-
 76.3793850481334 V3=0 T=0 M2=0 M3=78.509723241026 S11Max=1811.40614350293 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-1509.59450361701 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16 ElemStation=0
 Frame=16 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-23.9340266151662 V2=-
 39.7853847032609 V3=0 T=0 M2=0 M3=112.451125833842 S11Max=2650.51226027373 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-2274.44570815063 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16
 ElemStation=0.5
 Frame=16 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-47.4146187102264 V2=-
 90.7826042163847 V3=0 T=0 M2=0 M3=59.2445269834891 S11Max=1334.14279159046 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-1957.06057206632 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16
 ElemStation=0
 Frame=16 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-51.6066187726921 V2=-
 50.8166038212655 V3=0 T=0 M2=0 M3=90.7429938335381 S11Max=2081.2179958592 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-2756.06523452434 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16
 ElemStation=0.5
 Frame=16 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-9.6338292263886 V2=-
 35.4354511755955 V3=0 T=0 M2=0 M3=94.5281640069103 S11Max=2191.16793852982 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-44.7769015501894 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16 ElemStation=0
 Frame=16 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006144 V2=-
 13.4156466280946 V3=0 T=0 M2=0 M3=133.116391755864 S11Max=3139.70185917287 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-448.276901550147 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16
 ElemStation=0.5
 Frame=16 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785607 V2=-
 123.914424742617 V3=0 T=0 M2=0 M3=-1.30538337741498 S11Max=-107.435303666108 PtS11Max=1 x2S11Max=-0.25
 -
 x3S11Max=-0.5 S11Min=-2346.18393380187 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16
 ElemStation=0
 Frame=16 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785607 V2=-
 77.3194247426173 V3=0 T=0 M2=0 M3=15.5071166225833 S11Max=296.06469633385 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-3258.80839988228 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=16
 ElemStation=0.5
 Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-23.9340266151839 V2=-
 39.7853847032553 V3=0 T=0 M2=0 M3=112.45112583384 S11Max=2650.51226027362 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-2274.44570815062 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17 ElemStation=0
 Frame=17 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-28.3493799317368 V2=-
 3.19138435838282 V3=0 T=0 M2=0 M3=127.86792764569 S11Max=3012.13150363308 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-2600.1689085457 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17
 ElemStation=0.5
 Frame=17 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-51.6066187727312 V2=-
 50.8166038212594 V3=0 T=0 M2=0 M3=90.7429938335362 S11Max=2081.21799585912 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-2756.0652345244 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17
 ElemStation=0
 Frame=17 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-55.7986188351969 V2=-
 10.8506034261402 V3=0 T=0 M2=0 M3=103.944460511146 S11Max=2389.16519598931 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-3125.52902336003 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17
 ElemStation=0.5
 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006144 V2=-
 13.4156466280913 V3=0 T=0 M2=0 M3=133.116391755863 S11Max=3139.70185917274 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-448.276901550127 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17 ElemStation=0
 Frame=17 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006144
 V2=-13.7776000252205 V3=0 T=0 M2=0 M3=149.865518921409 S11Max=3531.20091114586 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-690.376901550076 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17
 ElemStation=0.5
 Frame=17 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785898 V2=-
 77.3194247426107 V3=0 T=0 M2=0 M3=15.5071166225824 S11Max=296.064696333829 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-3258.80839988235 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17 ElemStation=0
 Frame=17 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785898 V2=-
 30.7244247426106 V3=0 T=0 M2=0 M3=25.5946166225803 S11Max=538.164696333778 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-3662.34399708178 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=17
 ElemStation=0.5
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-28.3493799317527 V2=-
 3.19138435840477 V3=0 T=0 M2=0 M3=127.867927645686 S11Max=3012.13150363295 PtS11Max=1 x2S11Max=-0.25 -
 x3S11Max=-0.5 S11Min=-2600.16890854556 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18
 ElemStation=0
 Frame=18 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-32.5413799942183
 V2=-34.0299457933581 V3=0 T=0 M2=0 M3=123.301729259987 S11Max=2894.15874225125 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-2486.76410480244 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18
 ElemStation=0.5
 Frame=18 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-55.7986188352126 V2=-
 10.8506034261623 V3=0 T=0 M2=0 M3=103.944460511139 S11Max=2389.16519598911 PtS11Max=1 x2S11Max=-0.25 -



x3S11Max=-0.5 S11Min=-3125.52902335996 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18
 ElemStation=0
 Frame=18 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-59.9906188976783
 V2=28.4880671620665 V3=0 T=0 M2=0 M3=98.848927016324 S11Max=2257.98439198111 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-3024.32426222812 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18
 ElemStation=0.5
 Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006144
 V2=13.7776000252014 V3=0 T=0 M2=0 M3=149.865518921405 S11Max=3531.20091114571 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5
 S11Min=-690.376901549999 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18 ElemStation=0
 Frame=18 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006144
 V2=42.6505271860611 V3=0 T=0 M2=0 M3=143.317146086964 S11Max=3363.55996311913 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-771.0769015501 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18
 ElemStation=0.5
 Frame=18 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892786188 V2=-
 30.7244247426343 V3=0 T=0 M2=0 M3=25.5946166225771 S11Max=538.164696333702 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-3662.34399708171 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18 ElemStation=0
 Frame=18 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892786188 V2=-
 8.47517611714016E-12 V3=0 T=0 M2=0 M3=28.9571166225813 S11Max=618.864696333803 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-3515.66304905513 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=18
 ElemStation=0.5
 Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-32.5413799942108
 V2=34.0299457933581 V3=0 T=0 M2=0 M3=123.301729259982 S11Max=2894.15874225115 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-2486.76410480247 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19 ElemStation=0
 Frame=19 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-36.7333800566765
 V2=73.9959461884773 V3=0 T=0 M2=0 M3=98.7525306767234 S11Max=2296.59397612801 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-1930.09417377293 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.5
 Frame=19 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-59.9906188976709
 V2=28.4880671620757 V3=0 T=0 M2=0 M3=98.8489270163218 S11Max=2257.98439198097 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-3024.32426222799 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19 ElemStation=0
 Frame=19 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-64.1826189601365
 V2=65.0820675069481 V3=0 T=0 M2=0 M3=75.4563933490658 S11Max=1687.67558383439 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-2443.52749635471 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.5
 Frame=19 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006144
 V2=42.6505271860692 V3=0 T=0 M2=0 M3=143.317146086958 S11Max=3363.55996311902 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-771.076901550033 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19 ElemStation=0
 Frame=19 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006144
 V2=87.9037944932821 V3=0 T=0 M2=0 M3=123.650980049112 S11Max=2891.47882042844 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-686.239778402247 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.5
 Frame=19 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-65.5215892785897 V2=-
 4.79190021064374E-12 V3=0 T=0 M2=0 M3=28.9571166225785 S11Max=618.864696333736 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-3515.66304905498 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19
 ElemStation=0
 Frame=19 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-70.7150103874509
 V2=13.4499999999952 V3=0 T=0 M2=0 M3=25.5946166225809 S11Max=538.164696333793 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-3043.76822192896 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=19
 ElemStation=0.5
 Frame=20 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-36.7333800566688
 V2=73.9959461884856 V3=0 T=0 M2=0 M3=98.7525306767216 S11Max=2296.59397612798 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-1930.09417377281 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20 ElemStation=0
 Frame=20 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-40.9253801191344
 V2=113.961946583605 V3=0 T=0 M2=0 M3=54.2203318958995 S11Max=1219.43720526332 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-879.458775859744 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20
 ElemStation=0.5
 Frame=20 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-64.1826189601295
 V2=65.0820675069547 V3=0 T=0 M2=0 M3=75.4563933490649 S11Max=1687.67558383447 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-2443.52749635466 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20 ElemStation=0
 Frame=20 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-68.3746190225951
 V2=101.676067851827 V3=0 T=0 M2=0 M3=31.7975944763086 S11Max=646.825759003067 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-1383.13872573986 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20
 ElemStation=0.5

Frame=20 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006141
V2=87.9037944932911 V3=0 T=0 M2=0 M3=123.65098004911 S11Max=2891.47882042839 PtS11Max=1 x2S11Max=-0.25
x3S11Max=-0.5 _
S11Min=-686.239778402231 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20 ElemStation=0

Frame=20 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006141
V2=134.498794493291 V3=0 T=0 M2=0 M3=80.7694424204233 S11Max=1862.3219173399 PtS11Max=1 x2S11Max=-0.25
x3S11Max=-0.5 _
S11Min=-264.795244355492 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20 ElemStation=0.5

Frame=20 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-70.715010387442
V2=13.4500000000002 V3=0 T=0 M2=0 M3=25.5946166225799 S11Max=538.164696333769 PtS11Max=1 x2S11Max=-
0.25 x3S11Max=-0.5 _
S11Min=-3043.76822192891 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20 ElemStation=0

Frame=20 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-75.955010387442
V2=26.9000000000002 V3=0 T=0 M2=0 M3=7.57478200504687 S11Max=98.6283286626164 PtS11Max=1 x2S11Max=-
0.25 x3S11Max=-0.5 _
S11Min=-2014.61131884042 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=20 ElemStation=0.5

Frame=21 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-40.9253801191741
V2=113.961946583611 V3=0 T=0 M2=0 M3=54.2203318958963 S11Max=1219.43720526316 PtS11Max=1 x2S11Max=-
0.25 x3S11Max=-0.5 _
S11Min=-879.458775859705 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=21 ElemStation=0

Frame=21 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-45.1173801816397
V2=153.92794697873 V3=0 T=0 M2=0 M3=-10.2948670824889 S11Max=610.304626191851 PtS11Max=3 x2S11Max=0.25
-
x3S11Max=-0.5 S11Min=-337.311570343013 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=21
ElemStation=0.5

Frame=21 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-68.3746190226336
V2=101.67606785183 V3=0 T=0 M2=0 M3=31.7975944763055 S11Max=646.82575900296 PtS11Max=1 x2S11Max=-0.25
x3S11Max=-0.5 _
S11Min=-1383.13872573986 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=21 ElemStation=0

Frame=21 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-72.5666190850992
V2=138.270068196702 V3=0 T=0 M2=0 M3=-30.6462139480277 S11Max=156.842049616454 PtS11Max=3
x2S11Max=0.25 _
x3S11Max=-0.5 S11Min=-860.713643313479 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=21
ElemStation=0.5

Frame=21 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006146
V2=134.498794493298 V3=0 T=0 M2=0 M3=80.7694424204196 S11Max=1862.32191733975 PtS11Max=1 x2S11Max=-
0.25 x3S11Max=-0.5 _
S11Min=-264.795244355539 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=21 ElemStation=0

Frame=21 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006146
V2=181.093794493298 V3=0 T=0 M2=0 M3=16.0759121214279 S11Max=1043.93799734534 PtS11Max=3 x2S11Max=0.25
x3S11Max=-0.5 _
S11Min=-21.2076248012292 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=21 ElemStation=0.5

Frame=21 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-75.9550103874902
V2=26.9000000000039 V3=0 T=0 M2=0 M3=7.57478200504487 S11Max=98.6283286624743 PtS11Max=1 x2S11Max=-
0.25 x3S11Max=-0.5 _
S11Min=-2014.61131884039 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=21 ElemStation=0

Frame=21 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-81.1950103874902
V2=40.3500000000004 V3=0 T=0 M2=0 M3=-47.2746702175142 S11Max=-162.39002077498 PtS11Max=0 x2S11Max=0
x3S11Max=0 _
S11Min=-1225.31759485861 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=21 ElemStation=0.5

Frame=22 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-45.1173801816107
V2=153.927946978729 V3=0 T=0 M2=0 M3=-10.2948670824875 S11Max=610.3046261917 PtS11Max=3 x2S11Max=0.25
x3S11Max=-0.5 _
S11Min=-337.311570342922 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=22 ElemStation=0

Frame=22 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-49.3093802440764
V2=193.893947373848 V3=0 T=0 M2=0 M3=-94.7930662584311 S11Max=2645.36777748008 PtS11Max=3
x2S11Max=0.25 _
x3S11Max=-0.5 S11Min=-2373.6523506905 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=22
ElemStation=0.5

Frame=22 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-72.5666190850712
V2=138.27006819671 V3=0 T=0 M2=0 M3=-30.6462139480249 S11Max=156.842049616476 PtS11Max=3 x2S11Max=0.25
x3S11Max=-0.5 _
S11Min=-860.713643313495 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=22 ElemStation=0

Frame=22 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-76.7586191475369
V2=174.864068541583 V3=0 T=0 M2=0 M3=-115.959819480332 S11Max=2176.41482971419 PtS11Max=3
x2S11Max=0.25 _
x3S11Max=-0.5 S11Min=-2920.70355757585 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=22
ElemStation=0.5

Frame=22 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.603812400615
V2=181.093794493297 V3=0 T=0 M2=0 M3=16.0759121214296 S11Max=1043.93799734529 PtS11Max=3 x2S11Max=0.25
x3S11Max=-0.5 _
S11Min=-21.20762480123 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=22 ElemStation=0

Frame=22 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.603812400615
V2=227.688794493297 V3=0 T=0 M2=0 M3=-10.5599440129845 S11Max=3131.41369081779 PtS11Max=3
x2S11Max=0.25 x3S11Max=-0.5 _
S11Min=-274.646281112858 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=22 ElemStation=0.5

Frame=22 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-81.195010387455
V2=40.3500000000029 V3=0 T=0 M2=0 M3=-47.2746702175143 S11Max=-162.39002077491 PtS11Max=0 x2S11Max=0
x3S11Max=0 _
S11Min=-1225.31759485867 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=22 ElemStation=0



Frame=22 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-86.435010387455
 V2=53.800000000029 V3=0 T=0 M2=0 M3=-137.01809847273 S11Max=232.231031510398 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-3445.45503587323 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=22 ElemStation=0.5
 Frame=23 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-49.3093802443921
 V2=193.89394737384 V3=0 T=0 M2=0 M3=-94.7930662584261 S11Max=2645.36777747928 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-2373.65235069101 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23 ElemStation=0
 Frame=23 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-50.3573802600085
 V2=203.88544747262 V3=0 T=0 M2=0 M3=-118.074290899068 S11Max=3239.94086971766 PtS11Max=3 x2S11Max=0.25
 _
 x3S11Max=-0.5 S11Min=-2937.20103563627 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23
 ElemStation=0.125
 Frame=23 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-76.7586191478581
 V2=174.864068541532 V3=0 T=0 M2=0 M3=-115.959819480328 S11Max=2176.41482971344 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-2920.70355757647 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23 ElemStation=0
 Frame=23 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-77.8066191634746
 V2=184.01256862775 V3=0 T=0 M2=0 M3=-140.821031658229 S11Max=2730.36492751902 PtS11Max=3 x2S11Max=0.25
 _
 x3S11Max=-0.5 S11Min=-3519.46864987732 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23
 ElemStation=0.125
 Frame=23 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006122
 V2=227.68879449329 V3=0 T=0 M2=0 M3=-10.5599440129824 S11Max=3131.41369081682 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-274.646281112801 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23 ElemStation=0
 Frame=23 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006122
 V2=239.33754449329 V3=0 T=0 M2=0 M3=-17.4951002629818 S11Max=3829.33319929661 PtS11Max=3 x2S11Max=0.25
 _
 x3S11Max=-0.5 S11Min=-441.090031112788 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23
 ElemStation=0.125
 Frame=23 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-86.4350103878559
 V2=53.7999999999956 V3=0 T=0 M2=0 M3=-137.018098472726 S11Max=232.231031510352 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-3445.45503587401 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23 ElemStation=0
 Frame=23 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-87.7450103878559
 V2=57.1624999999956 V3=0 T=0 M2=0 M3=-166.207244659383 S11Max=398.674781510339 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-4148.61454435379 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=23
 ElemStation=0.125
 Frame=24 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-50.3573802596841
 V2=203.885447472506 V3=0 T=0 M2=0 M3=-118.074290899067 S11Max=3239.94086971827 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-2937.20103563591 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24 ElemStation=0
 Frame=24 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-51.4053802753005
 V2=213.876947571286 V3=0 T=0 M2=0 M3=-141.647643232912 S11Max=3864.48846225266 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-3505.18349168129 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24
 ElemStation=0.125
 Frame=24 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-77.8066191631419
 V2=184.012568627651 V3=0 T=0 M2=0 M3=-140.821031658224 S11Max=2730.36492751929 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-3519.46864987648 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24 ElemStation=0
 Frame=24 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-78.8546191787583
 V2=193.161068713869 V3=0 T=0 M2=0 M3=-166.931181348458 S11Max=3293.90338349846 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-4148.20824247334 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24
 ElemStation=0.125
 Frame=24 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006161
 V2=239.337544493163 V3=0 T=0 M2=0 M3=-17.4951002629815 S11Max=3829.33319929735 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-441.090031112789 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24 ElemStation=0
 Frame=24 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-10.6038124006161
 V2=250.986294493163 V3=0 T=0 M2=0 M3=-24.8505690129746 S11Max=4562.19895777675 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-617.621281112623 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24
 ElemStation=0.125
 Frame=24 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-87.7450103874412
 V2=57.1624999999944 V3=0 T=0 M2=0 M3=-166.207244659377 S11Max=398.674781510325 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-4148.61454435276 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24 ElemStation=0
 Frame=24 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-89.0550103874412
 V2=60.5249999999944 V3=0 T=0 M2=0 M3=-196.852484596019 S11Max=575.206031510158 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-4886.72030283216 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=24
 ElemStation=0.125
 Frame=25 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-191.588385737824
 V2=138.310638433771 V3=0 T=0 M2=0 M3=188.859415962976 S11Max=4116.97987074704 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-3937.99170243408 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25 ElemStation=0



Frame=25 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-189.713385737824
 V2=129.66417172966 V3=0 T=0 M2=0 M3=168.76370381183 S11Max=3638.43277911953 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-3634.36571445454 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25
 ElemStation=0.15
 Frame=25 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-212.737605006696
 V2=85.5709077884367 V3=0 T=0 M2=0 M3=147.707743054563 S11Max=3151.97996418497 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5
 S11Min=-4948.27209547591 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25 ElemStation=0
 Frame=25 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-210.862605006696
 V2=81.0390577557495 V3=0 T=0 M2=0 M3=135.212910222083 S11Max=2855.85397620544 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-4462.2250038484 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25
 ElemStation=0.15
 Frame=25 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-104.360451175714
 V2=154.923445627004 V3=0 T=0 M2=0 M3=218.966110012875 S11Max=4787.80922929565 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5
 S11Min=-1075.79159276447 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25 ElemStation=0
 Frame=25 Station=0.15 OutputCase=ENVETA CaseType=Combination StepType=Max P=-102.485451175714
 V2=145.648778960337 V3=0 T=0 M2=0 M3=196.425591779936 S11Max=4250.58679170511 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-989.781732211457 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25
 ElemStation=0.15
 Frame=25 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-259.126924742856
 V2=24.0251834869469 V3=0 T=0 M2=0 M3=35.7183996985054 S11Max=638.691592763796 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5
 S11Min=-5722.56405132246 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25 ElemStation=0
 Frame=25 Station=0.15 OutputCase=ENVETA CaseType=Combination StepType=Min P=-257.251924742856
 V2=21.6869334869469 V3=0 T=0 M2=0 M3=32.2909055087967 S11Max=560.181732210787 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-5177.84161373192 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=25
 ElemStation=0.15
 Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-145.963385737818 V2=-
 3.71825921743041 V3=0 T=0 M2=0 M3=19.8199361560823 S11Max=141.453257732364 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 S11Min=-291.926771475636 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=27
 ElemStation=0
 Frame=27 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-144.400885737818 V2=-
 6.23087127488565 V3=0 T=0 M2=0 M3=23.6058771525687 S11Max=235.440841648039 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 S11Min=-300.128432927537 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=27
 ElemStation=0.125
 Frame=27 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-167.112605006807 V2=-
 28.6126061455906 V3=0 T=0 M2=0 M3=-1.56453398622389 S11Max=-329.475587145009 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-809.903677759584 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=27
 ElemStation=0
 Frame=27 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-165.550105006807 V2=-
 31.9402404360529 V3=0 T=0 M2=0 M3=0.471944227162555 S11Max=-277.475110023735 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-897.641261675259 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=27
 ElemStation=0.125
 Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-58.7354511756852
 V2=5.63647979552247 V3=0 T=0 M2=0 M3=57.540939400102 S11Max=953.978696116565 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5
 S11Min=-117.47090235137 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=27 ElemStation=0
 Frame=27 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-57.1729511756852
 V2=3.56701454498401 V3=0 T=0 M2=0 M3=64.1470954930165 S11Max=1115.65144234651 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-114.34590235137 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=27
 ElemStation=0.125
 Frame=27 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-213.501924742944 V2=-
 50.9125769326164 V3=0 T=0 M2=0 M3=-36.06704606512 S11Max=-427.003849485887 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1807.98639508833 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=27 ElemStation=0
 Frame=27 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-211.939424742944 V2=-
 54.7637111918757 V3=0 T=0 M2=0 M3=-33.7503606689248 S11Max=-423.878849485887 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1963.40914131828 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=27 ElemStation=0.125
 Frame=28 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-144.400885737882 V2=-
 6.23087127495728 V3=0 T=0 M2=0 M3=23.6058771525623 S11Max=235.440841648253 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 S11Min=-300.128432927585 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=28
 ElemStation=0
 Frame=28 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-142.838385737882 V2=-
 8.4780263947892 V3=0 T=0 M2=0 M3=27.7994439245651 S11Max=339.211444176319 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 S11Min=-354.863928649366 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=28
 ElemStation=0.125
 Frame=28 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-165.550105006624 V2=-
 31.9402404361404 V3=0 T=0 M2=0 M3=0.471944227159196 S11Max=-277.475110023944 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-897.641261674739 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=28
 ElemStation=0



Frame=28 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-163.987605006624 V2=-
 35.1346185537632 V3=0 T=0 M2=0 M3=2.88279821556673 S11Max=-216.489614302163 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-995.161864202804 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=28
 ElemStation=0.125
 Frame=28 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-57.1729511756564
 V2=3.56701454491922 V3=0 T=0 M2=0 M3=64.1470954930122 S11Max=1115.65144234685 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5
 S11Min=-114.345902351313 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=28 ElemStation=0
 Frame=28 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-55.6104511756564
 V2=1.54835947956595 V3=0 T=0 M2=0 M3=71.2263148575417 S11Max=1288.67770709555 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-111.220902351313 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=28
 ElemStation=0.125
 Frame=28 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-211.939424742726 V2=-
 54.7637111919561 V3=0 T=0 M2=0 M3=-33.750360668932 S11Max=-423.878849485451 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1963.40914131774 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=28 ElemStation=0
 Frame=28 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-210.376924742726 V2=-
 58.4815892783758 V3=0 T=0 M2=0 M3=-30.7665967861964 S11Max=-420.753849485451 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-2130.18540606645 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=28 ElemStation=0.125
 Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-255.354068886365
 V2=14.3649677214604 V3=0 T=0 M2=0 M3=20.1947908320631 S11Max=-35.8622554520082 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-510.70813777273 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=29
 ElemStation=0
 Frame=29 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-253.479068886365
 V2=16.7763843881271 V3=0 T=0 M2=0 M3=18.9903568417002 S11Max=-61.0186712207194 PtS11Max=1 x2S11Max=-
 0.25
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 x3S11Max=-0.5 S11Min=-506.95813777273 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=29
 ElemStation=0.15
 Frame=29 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-277.757947768961 V2=-
 31.1204089420676 V3=0 T=0 M2=0 M3=-16.0305200115716 S11Max=-555.515895537923 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1005.21221539104 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=29 ElemStation=0
 Frame=29 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-275.882947768961 V2=-
 24.794853386512 V3=0 T=0 M2=0 M3=-12.0885275493555 S11Max=-551.765895537923 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-972.555799622327 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=29 ElemStation=0.15
 Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-111.149999999979
 V2=24.5653589302411 V3=0 T=0 M2=0 M3=61.7789028136224 S11Max=1255.89955195694 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5
 S11Min=-222.299999999979 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=29 ElemStation=0
 Frame=29 Station=0.15 OutputCase=ENVETA CaseType=Combination StepType=Max P=-109.274999999979
 V2=26.9767755969078 V3=0 T=0 M2=0 M3=58.9773772338397 S11Max=1018.15608851348 PtS11Max=3 x2S11Max=0.25
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 x3S11Max=-0.5 S11Min=-218.549999999957 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=29
 ElemStation=0.15
 Frame=29 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-318.181294493334 V2=-
 70.2602861417013 V3=0 T=0 M2=0 M3=-61.591647998204 S11Max=-636.362588986667 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1943.53501559412 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=29 ElemStation=0
 Frame=29 Station=0.15 OutputCase=ENVETA CaseType=Combination StepType=Min P=-316.306294493334 V2=-
 63.9347305861457 V3=0 T=0 M2=0 M3=-51.5294203547266 S11Max=-632.612588986667 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-1871.49784648041 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=29 ElemStation=0.15
 Frame=30 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-253.479068886328
 V2=16.7763843881349 V3=0 T=0 M2=0 M3=18.9903568416998 S11Max=-61.0186712206812 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-506.958137772656 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=30
 ElemStation=0
 Frame=30 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-251.604068886328
 V2=19.1146343881349 V3=0 T=0 M2=0 M3=17.2251728513357 S11Max=-99.6330869894198 PtS11Max=1 x2S11Max=-
 0.25
 -
 x3S11Max=-0.5 S11Min=-503.208137772656 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=30
 ElemStation=0.15
 Frame=30 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-275.882947768868 V2=-
 24.7948533865062 V3=0 T=0 M2=0 M3=-12.0885275493561 S11Max=-551.765895537736 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-972.555799622272 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=30 ElemStation=0
 Frame=30 Station=0.15 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-274.007947768868 V2=-
 18.6611867198395 V3=0 T=0 M2=0 M3=-9.08097675380791 S11Max=-548.015895537736 PtS11Max=0 x2S11Max=0
 x3S11Max=0
 S11Min=-926.441383853534 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=30 ElemStation=0.15
 Frame=30 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-109.274999999965
 V2=26.9767755969172 V3=0 T=0 M2=0 M3=58.9773772338414 S11Max=1018.15608851351 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5
 S11Min=-218.549999999979 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=30 ElemStation=0
 Frame=30 Station=0.15 OutputCase=ENVETA CaseType=Combination StepType=Max P=-107.399999999965
 V2=29.3150255969172 V3=0 T=0 M2=0 M3=55.2967395792632 S11Max=881.5454656375 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5



S11Min=-214.799999999993 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=30 ElemStation=0.15
 Frame=30 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-316.306294493217 V2=-
 63.9347305861447 V3=0 T=0 M2=0 M3=-51.5294203547266 S11Max=-632.612588986434 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1871.49784648015 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=30 ElemStation=0
 Frame=30 Station=0.15 OutputCase=ENVETA CaseType=Combination StepType=Min P=-314.431294493217 V2=-
 57.8010639194781 V3=0 T=0 M2=0 M3=-44.8416809240279 S11Max=-628.862588986434 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1778.19661298015 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=30 ElemStation=0.15
 Frame=32 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-207.85406888625
 V2=74.720606833498 V3=0 T=0 M2=0 M3=-127.2836181888 S11Max=3130.77269389859 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-3470.5149743037 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32 ElemStation=0
 Frame=32 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-206.29156888625
 V2=75.9542410927573 V3=0 T=0 M2=0 M3=-135.157057772673 S11Max=3340.37761008409 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-3656.35252431665 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.125
 Frame=32 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-230.25794776883
 V2=49.8262599053389 V3=0 T=0 M2=0 M3=-149.637024559844 S11Max=2639.09869875869 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-4051.80448497391 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32 ElemStation=0
 Frame=32 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-228.69544776883
 V2=50.2962251831167 V3=0 T=0 M2=0 M3=-158.240354400906 S11Max=2831.18624877165 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-4255.15940115941 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.125
 Frame=32 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-63.6499999999801
 V2=84.9209980422846 V3=0 T=0 M2=0 M3=-22.4790217770205 S11Max=3706.8349311386 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-666.796522648453 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32 ElemStation=0
 Frame=32 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-62.0874999999801
 V2=86.1546323015438 V3=0 T=0 M2=0 M3=-23.6370103834239 S11Max=3947.04102095047 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-691.463249202133 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.125
 Frame=32 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-270.681294493173
 V2=9.02469203023901 V3=0 T=0 M2=0 M3=-177.008230005206 S11Max=412.196522648533 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-4789.5601091113 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32 ElemStation=0
 Frame=32 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-269.118794493173
 V2=9.49465730801679 V3=0 T=0 M2=0 M3=-186.886608747367 S11Max=443.113249202213 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-5023.51619892316 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=32
 ElemStation=0.125
 Frame=33 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-206.291568886384
 V2=75.954241092761 V3=0 T=0 M2=0 M3=-135.15705777268 S11Max=3340.37761008393 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-3656.3525243171 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33 ElemStation=0
 Frame=33 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-204.729068886384
 V2=77.0546191791808 V3=0 T=0 M2=0 M3=-141.647643232915 S11Max=3552.08245682502 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-3809.00157536273 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.125
 Frame=33 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-228.695447769057
 V2=50.2962251831205 V3=0 T=0 M2=0 M3=-158.240354400915 S11Max=2831.18624877155 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-4255.15940116005 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33 ElemStation=0
 Frame=33 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-227.132947769057
 V2=50.7153802757131 V3=0 T=0 M2=0 M3=-166.93118134846 S11Max=2990.08529981719 PtS11Max=3 x2S11Max=0.25
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 x3S11Max=-0.5 S11Min=-4460.61424790114 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.125
 Frame=33 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-62.0875000000215
 V2=86.1546323015482 V3=0 T=0 M2=0 M3=-23.6370103834253 S11Max=3947.0410209503 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-691.463249202253 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33 ElemStation=0
 Frame=33 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=-60.5250000000215
 V2=87.2550103879679 V3=0 T=0 M2=0 M3=-24.850569012977 S11Max=4189.34704131774 PtS11Max=3 x2S11Max=0.25
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 x3S11Max=-0.5 S11Min=-717.463656311494 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.125
 Frame=33 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-269.118794493435
 V2=9.49465730801862 V3=0 T=0 M2=0 M3=-186.886608747377 S11Max=443.11324920216 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-5023.51619892391 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33 ElemStation=0
 Frame=33 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-267.556294493435
 V2=9.91381240061121 V3=0 T=0 M2=0 M3=-196.852484596021 S11Max=475.363656311401 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-5259.57221929135 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=33
 ElemStation=0.125



Frame=34 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-189.713385737872
 V2=129.664171729663 V3=0 T=0 M2=0 M3=168.763703811831 S11Max=3638.43277911938 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-3634.36571445465 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34 ElemStation=0
 Frame=34 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-183.463385737872
 V2=102.228480246827 V3=0 T=0 M2=0 M3=110.879378266268 S11Max=2261.70896602587 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-2509.27443792526 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.5
 Frame=34 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-210.862605006744
 V2=81.0390577557523 V3=0 T=0 M2=0 M3=135.212910222083 S11Max=2855.85397620531 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-2250038485 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34 ElemStation=0
 Frame=34 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-204.612605006744
 V2=66.4613169060543 V3=0 T=0 M2=0 M3=88.8549403666913 S11Max=1755.76269967592 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-3060.50119075499 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.5
 Frame=34 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-102.48545117574
 V2=145.648778960341 V3=0 T=0 M2=0 M3=196.425591779937 S11Max=4250.58679170493 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-989.781732211528 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34 ElemStation=0
 Frame=34 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-96.2354511757398
 V2=116.119087602316 V3=0 T=0 M2=0 M3=131.072462587832 S11Max=2694.61169109442 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-533.043946254063 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.5
 Frame=34 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-257.251924742907
 V2=21.6869334869463 V3=0 T=0 M2=0 M3=32.2909055087967 S11Max=560.181732210712 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-5177.84161373203 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34 ElemStation=0
 Frame=34 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-251.001924742907
 V2=14.4211927462055 V3=0 T=0 M2=0 M3=13.7809977605692 S11Max=128.443946253259 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-3596.86651312151 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=34
 ElemStation=0.5
 Frame=35 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-183.46338573788
 V2=102.228480246824 V3=0 T=0 M2=0 M3=110.879378266269 S11Max=2261.70896602594 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-2509.27443792526 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35 ElemStation=0
 Frame=35 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-177.21338573788
 V2=76.924887529419 V3=0 T=0 M2=0 M3=75.8550417128513 S11Max=1423.79579109501 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 _
 S11Min=-1591.88218159374 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35 ElemStation=0.5
 Frame=35 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-204.612605006736
 V2=66.4613169060517 V3=0 T=0 M2=0 M3=88.8549403666911 S11Max=1755.76269967591 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-3060.501190755 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35 ElemStation=0
 Frame=35 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-198.362605006736
 V2=52.6965390193166 V3=0 T=0 M2=0 M3=51.1510963528779 S11Max=863.370443344394 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-2217.2462111219 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35
 ElemStation=0.5
 Frame=35 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-96.235451175747
 V2=116.119087602313 V3=0 T=0 M2=0 M3=131.072462587833 S11Max=2694.61169109451 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-533.04394625407 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35 ElemStation=0
 Frame=35 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-89.985451175747
 V2=93.171660080703 V3=0 T=0 M2=0 M3=89.6263223254682 S11Max=1702.57522714884 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-196.26117918696 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35 ElemStation=0.5
 Frame=35 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-251.001924742911
 V2=14.4211927462059 V3=0 T=0 M2=0 M3=13.7809977605692 S11Max=128.44394625325 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 _
 S11Min=-3596.86651312153 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35 ElemStation=0
 Frame=35 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-244.751924742911
 V2=7.96841496842814 V3=0 T=0 M2=0 M3=0.26921579943959 S11Max=-183.33882081386 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-2599.48824447369 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=35
 ElemStation=0.5
 Frame=36 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-177.213385737862
 V2=76.9248875294202 V3=0 T=0 M2=0 M3=75.8550417128519 S11Max=1423.79579109502 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-1591.88218159368 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=36 ElemStation=0
 Frame=36 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-170.963385737862
 V2=53.7533935774476 V3=0 T=0 M2=0 M3=50.277275979011 S11Max=822.429413482843 PtS11Max=1 x2S11Max=-0.25
 _
 x3S11Max=-0.5 S11Min=-952.572445088212 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=36
 ElemStation=0.5
 Frame=36 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-198.362605006712
 V2=52.6965390193136 V3=0 T=0 M2=0 M3=51.1510963528774 S11Max=863.370443344431 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _



S11Min=-2217.24621112187 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=36 ElemStation=0
 Frame=36 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-192.112605006712
 V2=39.7447240955415 V3=0 T=0 M2=0 M3=25.0340239984828 S11Max=249.06070683896 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-1590.87983350969 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=36
 ElemStation=0.5
 Frame=36 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-89.985451175718
 V2=93.171660008069 V3=0 T=0 M2=0 M3=89.626322325469 S11Max=1702.57522714885 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-196.261179186889 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=36 ElemStation=0
 Frame=36 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-83.735451175718
 V2=71.5130308637804 V3=0 T=0 M2=0 M3=58.6737528202742 S11Max=972.213559024171 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-167.470902351436 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=36 ElemStation=0.5
 Frame=36 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-244.751924742874
 V2=7.96841496842849 V3=0 T=0 M2=0 M3=0.26921579943965 S11Max=-183.338820813786 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-2599.48824447366 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=36 ElemStation=0
 Frame=36 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-238.501924742874
 V2=2.32860015361367 V3=0 T=0 M2=0 M3=-5.31179455675173 S11Max=-304.783069362379 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-1844.12657634899 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=36
 ElemStation=0.5
 Frame=37 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-170.96338573788
 V2=53.7533935774517 V3=0 T=0 M2=0 M3=50.2772759790119 S11Max=822.429413482846 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-952.572445088294 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=37 ElemStation=0
 Frame=37 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-164.71338573788
 V2=32.7139983909112 V3=0 T=0 M2=0 M3=31.5448181972283 S11Max=385.350426720038 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-551.719421908118 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=37
 ElemStation=0.5
 Frame=37 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-192.112605006733
 V2=39.7447240955536 V3=0 T=0 M2=0 M3=25.0340239984844 S11Max=249.060706838956 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-1590.87983350975 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=37 ElemStation=0
 Frame=37 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-185.862605006733
 V2=21.3826774671765 V3=0 T=0 M2=0 M3=9.26219376801494 S11Max=-113.72708437749 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-1128.80084674694 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=37
 ElemStation=0.5
 Frame=37 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-83.735451175747
 V2=71.5130308638029 V3=0 T=0 M2=0 M3=58.6737528202753 S11Max=972.21355902419 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-167.470902351494 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=37 ElemStation=0
 Frame=37 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-77.485451175747
 V2=49.8531755847111 V3=0 T=0 M2=0 M3=40.5273649798269 S11Max=508.15291003009 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-154.970902351494 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=37 ElemStation=0.5
 Frame=37 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-238.501924742893
 V2=2.32860015361331 V3=0 T=0 M2=0 M3=-5.31179455675163 S11Max=-304.783069362443 PtS11Max=1 x2S11Max=-
 0.25 -
 x3S11Max=-0.5 S11Min=-1844.12657634905 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=37
 ElemStation=0
 Frame=37 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-232.251924742893 V2=-
 8.7214463658065 V3=0 T=0 M2=0 M3=-13.8013618053791 S11Max=-464.503849485785 PtS11Max=0 x2S11Max=0
 x3S11Max=0 -
 S11Min=-1437.16060900163 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=37 ElemStation=0.5
 Frame=38 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-164.713385737861
 V2=32.7139983909203 V3=0 T=0 M2=0 M3=31.5448181972279 S11Max=385.350426720034 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-551.719421908053 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=38 ElemStation=0
 Frame=38 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-158.463385737861
 V2=18.622629921093 V3=0 T=0 M2=0 M3=20.7080731629352 S11Max=137.768545897002 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-316.926771475723 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=38
 ElemStation=0.5
 Frame=38 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-185.86260500673
 V2=21.3826774671762 V3=0 T=0 M2=0 M3=9.26219376801377 S11Max=-113.727084377485 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 -
 S11Min=-1128.80084674693 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=38 ElemStation=0
 Frame=38 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-179.61260500673
 V2=2.8056904003396 V3=0 T=0 M2=0 M3=-2.37998920043707 S11Max=-359.22521001346 PtS11Max=0 x2S11Max=0
 x3S11Max=0 -
 S11Min=-856.218965923906 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=38 ElemStation=0.5
 Frame=38 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-77.4854511757288
 V2=49.8531755846911 V3=0 T=0 M2=0 M3=40.5273649798274 S11Max=508.1529100301 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 -
 S11Min=-154.970902351458 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=38 ElemStation=0
 Frame=38 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-71.2354511757288
 V2=28.1920947210126 V3=0 T=0 M2=0 M3=38.2231054950814 S11Max=538.339995262046 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 -



S11Min=-142.470902351458 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=38 ElemStation=0.5
 Frame=38 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-232.251924742893 V2=-
 8.72144636580689 V3=0 T=0 M2=0 M3=-13.8013618053784 S11Max=-464.503849485785 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1437.16060900164 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=38 ElemStation=0
 Frame=38 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-226.001924742893 V2=-
 19.2527426621032 V3=0 T=0 M2=0 M3=-30.998628480265 S11Max=-452.003849485785 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1369.35838136774 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=38 ElemStation=0.5
 Frame=39 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-158.463385737858
 V2=18.622629921083 V3=0 T=0 M2=0 M3=20.7080731629404 S11Max=137.768545897138 PtS11Max=1 x2S11Max=-0.25
 x3S11Max=-0.5 _
 S11Min=-316.926771475716 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=39 ElemStation=0
 Frame=39 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-152.213385737858
 V2=7.04570387034497 V3=0 T=0 M2=0 M3=15.8630318947618 S11Max=33.9875554608519 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-304.426771475716 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=39
 ElemStation=0.5
 Frame=39 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-179.612605006715
 V2=2.80569040033102 V3=0 T=0 M2=0 M3=-2.37998920043757 S11Max=-359.225210013431 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-856.218965924 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=39 ElemStation=0
 Frame=39 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-173.362605006715 V2=-
 13.9695072553453 V3=0 T=0 M2=0 M3=-5.63354865761203 S11Max=-346.725210013431 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-727.437975487714 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=39 ElemStation=0.5
 Frame=39 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-71.2354511757252
 V2=28.1920947210121 V3=0 T=0 M2=0 M3=38.2231054950842 S11Max=538.339995261985 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-142.47090235145 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=39 ElemStation=0
 Frame=39 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-64.9854511757252
 V2=14.4224426494773 V3=0 T=0 M2=0 M3=42.9575497140457 S11Max=730.295542671901 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-129.97090235145 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=39 ElemStation=0.5
 Frame=39 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-226.001924742864 V2=-
 19.2527426621028 V3=0 T=0 M2=0 M3=-30.9986284802641 S11Max=-452.003849485727 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1369.35838136775 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=39 ElemStation=0
 Frame=39 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-219.751924742864 V2=-
 34.1754781672193 V3=0 T=0 M2=0 M3=-38.711524909275 S11Max=-439.503849485727 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1470.48504262282 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=39 ElemStation=0.5
 Frame=40 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-152.21338573787
 V2=7.04570387033368 V3=0 T=0 M2=0 M3=15.8630318947633 S11Max=33.9875554608968 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-304.426771475741 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=40 ElemStation=0
 Frame=40 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-145.96338573787 V2=-
 3.71825921744141 V3=0 T=0 M2=0 M3=19.8199361560823 S11Max=141.453257732556 PtS11Max=1 x2S11Max=-0.25 _
 x3S11Max=-0.5 S11Min=-291.926771475741 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=40
 ElemStation=0.5
 Frame=40 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-173.362605006712 V2=-
 13.9695072553567 V3=0 T=0 M2=0 M3=-5.63354865761304 S11Max=-346.725210013424 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-727.437975487744 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=40 ElemStation=0
 Frame=40 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-167.112605006712 V2=-
 28.6126061456009 V3=0 T=0 M2=0 M3=-1.56453398623224 S11Max=-329.475587145314 PtS11Max=1 x2S11Max=-0.25
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 x3S11Max=-0.5 S11Min=-809.903677759393 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=40
 ElemStation=0.5
 Frame=40 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-64.9854511757144
 V2=14.4224426494755 V3=0 T=0 M2=0 M3=42.9575497140476 S11Max=730.295542671961 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-129.970902351429 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=40 ElemStation=0
 Frame=40 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-58.7354511757144
 V2=5.63647979546986 V3=0 T=0 M2=0 M3=57.5409394000984 S11Max=953.978696116676 PtS11Max=1 x2S11Max=-
 0.25 _
 x3S11Max=-0.5 S11Min=-117.470902351429 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=40
 ElemStation=0.5
 Frame=40 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-219.751924742845 V2=-
 34.1754781672264 V3=0 T=0 M2=0 M3=-38.7115249092775 S11Max=-439.503849485691 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1470.48504262283 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=40 ElemStation=0
 Frame=40 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-213.501924742845 V2=-
 50.9125769326585 V3=0 T=0 M2=0 M3=-36.0670460651166 S11Max=-427.003849485691 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1807.98639508805 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=40 ElemStation=0.5
 Frame=41 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-251.6040688863
 V2=19.1146343881368 V3=0 T=0 M2=0 M3=17.2251728513334 S11Max=-99.6330869893819 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-503.2081377726 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=41 ElemStation=0



Frame=41 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-245.3540688863
 V2=26.6977691297255 V3=0 T=0 M2=0 M3=7.51316757481107 S11Max=-166.845069895192 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-490.7081377726 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=41 ElemStation=0.5
 Frame=41 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-274.007947768868 V2=-
 18.6611867198393 V3=0 T=0 M2=0 M3=-9.08097675380816 S11Max=-548.015895537736 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-926.441383853385 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=41 ElemStation=0
 Frame=41 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-267.757947768868
 V2=0.398504638185432 V3=0 T=0 M2=0 M3=-14.9517386664067 S11Max=-535.515895537736 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-884.528525882713 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=41 ElemStation=0.5
 Frame=41 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-107.399999999984
 V2=29.3150255969196 V3=0 T=0 M2=0 M3=55.2967395792612 S11Max=881.545465637427 PtS11Max=1 x2S11Max=-
 0.25 x3S11Max=-0.5 _
 S11Min=-214.799999999967 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=41 ElemStation=0
 Frame=41 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-101.149999999984
 V2=45.1436385246942 V3=0 T=0 M2=0 M3=37.4776764847804 S11Max=488.164160897002 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-202.299999999967 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=41 ElemStation=0.5
 Frame=41 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-314.431294493217 V2=-
 57.801063919478 V3=0 T=0 M2=0 M3=-44.8416809240279 S11Max=-628.862588986434 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1778.19661298013 PtS11Min=3 x2S11Min=0.25 x3S11Min=-0.5 FrameElem=41 ElemStation=0
 Frame=41 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-308.181294493217 V2=-
 38.7413725614533 V3=0 T=0 M2=0 M3=-42.1092590732507 S11Max=-616.362588986434 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1576.10836827268 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=41 ElemStation=0.5
 Frame=42 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-245.35406888633
 V2=26.6977691297157 V3=0 T=0 M2=0 M3=7.51316757481088 S11Max=-166.845069895209 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-490.708137772661 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=42 ElemStation=0
 Frame=42 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-239.10406888633
 V2=36.8555469074935 V3=0 T=0 M2=0 M3=-4.00739596723069 S11Max=164.83301193152 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-574.385640986198 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=42 ElemStation=0.5
 Frame=42 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-267.757947768876
 V2=0.39850463818518 V3=0 T=0 M2=0 M3=-14.9517386664066 S11Max=-535.515895537751 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-884.528525882725 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=42 ElemStation=0
 Frame=42 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-261.507947768876
 V2=17.3260972307778 V3=0 T=0 M2=0 M3=-28.250825409187 S11Max=-382.030634559125 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-1191.20660770945 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=42
 ElemStation=0.5
 Frame=42 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-101.149999999991
 V2=45.14363852469 V3=0 T=0 M2=0 M3=37.4776764847807 S11Max=488.164160896964 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-202.299999999981 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=42 ElemStation=0
 Frame=42 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-94.8999999999906
 V2=57.3414229431381 V3=0 T=0 M2=0 M3=13.035047719218 S11Max=616.817790266339 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-189.799999999981 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=42 ElemStation=0.5
 Frame=42 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-308.181294493224 V2=-
 38.741372561453 V3=0 T=0 M2=0 M3=-42.1092590732502 S11Max=-616.362588986449 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1576.10836827268 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=42 ElemStation=0
 Frame=42 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-301.931294493224 V2=-
 21.8137799688604 V3=0 T=0 M2=0 M3=-48.7418308658756 S11Max=-603.862588986449 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1722.79009129569 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=42 ElemStation=0.5
 Frame=43 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-239.10406888619
 V2=36.8555469075043 V3=0 T=0 M2=0 M3=-4.00739596722992 S11Max=164.833011931795 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-574.385640985901 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=43 ElemStation=0
 Frame=43 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-232.85406888619
 V2=45.7336950556524 V3=0 T=0 M2=0 M3=-17.9963242108585 S11Max=569.066649314195 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-897.619918832987 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=43
 ElemStation=0.5
 Frame=43 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-261.507947768728
 V2=17.326097230781 V3=0 T=0 M2=0 M3=-28.2508254091868 S11Max=-382.030634558865 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-1191.20660770917 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=43 ElemStation=0
 Frame=43 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-255.257947768728
 V2=32.1215910579414 V3=0 T=0 M2=0 M3=-44.5730603001201 S11Max=-33.7963567117785 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-1570.44024509157 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=43
 ElemStation=0.5
 Frame=43 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-94.8999999999436
 V2=57.3414229431592 V3=0 T=0 M2=0 M3=13.0350477192221 S11Max=616.817790266612 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _



S11Min=-189.799999999887 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=43 ElemStation=0
 Frame=43 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-88.6499999999436
 V2=65.2737832997128 V3=0 T=0 M2=0 M3=5.31179455675949 S11Max=861.055068845256 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-177.299999999887 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=43 ElemStation=0.5
 Frame=43 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-301.931294493054 V2=-
 21.8137799688605 V3=0 T=0 M2=0 M3=-48.7418308658759 S11Max=-603.862588986107 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1722.79009129543 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=43 ElemStation=0
 Frame=43 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-295.681294493054 V2=-
 7.01828614170002 V3=0 T=0 M2=0 M3=-58.3975508066527 S11Max=-304.783069362117 PtS11Max=3 x2S11Max=0.25
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 x3S11Max=-0.5 S11Min=-1942.02736987407 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=43
 ElemStation=0.5
 Frame=44 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-232.854068886184
 V2=45.7336950556493 V3=0 T=0 M2=0 M3=-17.9963242108579 S11Max=569.066649314269 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-897.619918832957 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=44 ElemStation=0
 Frame=44 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-226.604068886184
 V2=53.3322135741678 V3=0 T=0 M2=0 M3=-38.8093334537246 S11Max=1037.07567604831 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-1384.63214066176 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=44
 ElemStation=0.5
 Frame=44 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-255.257947768698
 V2=32.1215910579436 V3=0 T=0 M2=0 M3=-44.5730603001198 S11Max=-33.7963567117804 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-1570.4402450915 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=44
 ElemStation=0
 Frame=44 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-249.007947768698
 V2=40.2234821275452 V3=0 T=0 M2=0 M3=-63.5526030807047 S11Max=478.215865117022 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-2013.44927182554 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=44
 ElemStation=0.5
 Frame=44 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-88.6499999999254
 V2=65.2737832996989 V3=0 T=0 M2=0 M3=5.31179455675952 S11Max=861.05506884534 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-177.299999999851 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=44 ElemStation=0
 Frame=44 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-82.3999999999254
 V2=68.940720110038 V3=0 T=0 M2=0 M3=4.06872391371437 S11Max=1245.92382977206 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-164.799999999851 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=44 ElemStation=0.5
 Frame=44 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-295.681294493021 V2=-
 7.01828614169964 V3=0 T=0 M2=0 M3=-58.3975508066524 S11Max=-304.783069362081 PtS11Max=3 x2S11Max=0.25
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 x3S11Max=-0.5 S11Min=-1942.027369874 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=44
 ElemStation=0
 Frame=44 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-289.431294493021 V2=-
 0.57808574753943 V3=0 T=0 M2=0 M3=-75.6232217128877 S11Max=-262.449373928998 PtS11Max=3 x2S11Max=0.25
 -
 x3S11Max=-0.5 S11Min=-2383.99081244658 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=44
 ElemStation=0.5
 Frame=45 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-226.60406888619
 V2=53.3322135741821 V3=0 T=0 M2=0 M3=-38.8093334537251 S11Max=1037.0756760483 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-1384.63214066179 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=45 ElemStation=0
 Frame=45 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-220.35406888619
 V2=60.0543105371958 V3=0 T=0 M2=0 M3=-63.9234880361979 S11Max=1594.06980722457 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-1974.87185064113 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=45
 ElemStation=0.5
 Frame=45 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-249.007947768728
 V2=40.2234821275545 V3=0 T=0 M2=0 M3=-63.5526030807068 S11Max=478.21586511702 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-2013.44927182565 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=45 ElemStation=0
 Frame=45 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-242.757947768728
 V2=44.2373710164434 V3=0 T=0 M2=0 M3=-86.2398585463849 S11Max=1093.45557509637 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-2545.44340300192 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=45
 ElemStation=0.5
 Frame=45 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-82.3999999999436
 V2=68.9407201100425 V3=0 T=0 M2=0 M3=4.06872391371445 S11Max=1245.92382977206 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-164.799999999887 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=45 ElemStation=0
 Frame=45 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-76.1499999999436
 V2=70.254701745981 V3=0 T=0 M2=0 M3=-1.47549206893358 S11Max=1925.32265545375 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-187.711809654296 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=45 ElemStation=0.5
 Frame=45 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-289.431294493054 V2=-
 0.578085747539207 V3=0 T=0 M2=0 M3=-75.6232217128903 S11Max=-262.449373929036 PtS11Max=3 x2S11Max=0.25
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 x3S11Max=-0.5 S11Min=-2383.9908124467 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=45
 ElemStation=0



Frame=45 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-283.181294493054
 V2=3.43580314134968 V3=0 T=0 M2=0 M3=-103.410672782961 S11Max=-116.888190345484 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-3038.3896381284 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=45
 ElemStation=0.5
 Frame=46 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-220.354068886202
 V2=60.0543105372016 V3=0 T=0 M2=0 M3=-63.9234880361963 S11Max=1594.06980722456 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-1974.87185064112 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46 ElemStation=0
 Frame=46 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-214.104068886202
 V2=68.4535080680658 V3=0 T=0 M2=0 M3=-93.7702660754677 S11Max=2318.15094582336 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-2678.69452358363 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46
 ElemStation=0.5
 Frame=46 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-242.757947768728
 V2=44.2373710164493 V3=0 T=0 M2=0 M3=-86.2398585463851 S11Max=1093.4555750963 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-2545.44340300193 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46 ElemStation=0
 Frame=46 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-236.507947768728
 V2=47.4382969423753 V3=0 T=0 M2=0 M3=-116.298618390034 S11Max=1822.27824803882 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-3264.18273689827 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46
 ElemStation=0.5
 Frame=46 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-76.1499999999437
 V2=70.2547017459881 V3=0 T=0 M2=0 M3=-1.47549206893352 S11Max=1925.32265545373 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-187.711809654294 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46 ElemStation=0
 Frame=46 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-69.8999999999437
 V2=78.6538992768523 V3=0 T=0 M2=0 M3=-11.7523315083717 S11Max=2771.80848855797 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-421.85595620081 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46
 ElemStation=0.5
 Frame=46 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-283.181294493054
 V2=3.43580314134978 V3=0 T=0 M2=0 M3=-103.410672782961 S11Max=-116.888190345485 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-3038.38963812841 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46 ElemStation=0
 Frame=46 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-276.931294493054
 V2=6.6367290672757 V3=0 T=0 M2=0 M3=-138.569628231003 S11Max=142.255956201031 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-3879.53366653018 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=46 ElemStation=0.5
 Frame=47 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-214.104068886217
 V2=68.45350806806 V3=0 T=0 M2=0 M3=-93.7702660754657 S11Max=2318.1509458232 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-2678.69452358361 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47 ElemStation=0
 Frame=47 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=-207.854068886217
 V2=74.7206068334921 V3=0 T=0 M2=0 M3=-127.283618188798 S11Max=3130.77269389855 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-3470.5149743036 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47
 ElemStation=0.5
 Frame=47 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-236.507947768782
 V2=47.4382969423697 V3=0 T=0 M2=0 M3=-116.298618390032 S11Max=1822.27824803874 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-3264.18273689832 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47 ElemStation=0
 Frame=47 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-230.257947768782
 V2=49.8262599053327 V3=0 T=0 M2=0 M3=-149.637024559838 S11Max=2639.09869875872 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-4051.80448497368 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47
 ElemStation=0.5
 Frame=47 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=-69.8999999999471
 V2=78.6538992768452 V3=0 T=0 M2=0 M3=-11.7523315083717 S11Max=2771.80848855778 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-421.855956200817 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47 ElemStation=0
 Frame=47 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=-63.6499999999471
 V2=84.9209980422773 V3=0 T=0 M2=0 M3=-22.4790217770206 S11Max=3706.83493113856 PtS11Max=3
 x2S11Max=0.25 _
 x3S11Max=-0.5 S11Min=-666.79652264839 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47
 ElemStation=0.5
 Frame=47 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-276.931294493119
 V2=6.63672906727576 V3=0 T=0 M2=0 M3=-138.569628231001 S11Max=142.255956201026 PtS11Max=3
 x2S11Max=0.25 x3S11Max=-0.5 _
 S11Min=-3879.53366653025 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47 ElemStation=0
 Frame=47 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-270.681294493119
 V2=9.02469203023872 V3=0 T=0 M2=0 M3=-177.0082300052 S11Max=412.196522648601 PtS11Max=3 x2S11Max=0.25
 x3S11Max=-0.5 _
 S11Min=-4789.56010911103 PtS11Min=1 x2S11Min=-0.25 x3S11Min=-0.5 FrameElem=47 ElemStation=0.5
 Frame=66 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146125
 V2=208.346995599927 V3=0 T=0 M2=0 M3=184.098122468638 S11Max=3062.91430382708 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-2258.23869956046 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66 ElemStation=0
 Frame=66 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146125
 V2=210.221995599927 V3=0 T=0 M2=0 M3=158.106627357995 S11Max=2629.72271864969 PtS11Max=1 x2S11Max=-0.3



x3S11Max=-0.5 S11Min=-1854.54459208311 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66
 ElemStation=0.125
 Frame=66 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420659
 V2=191.645820469733 V3=0 T=0 M2=0 M3=136.260649678229 S11Max=2283.78295638052 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-3073.68977846087 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66 ElemStation=0
 Frame=66 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420659
 V2=193.520820469733 V3=0 T=0 M2=0 M3=112.039003229588 S11Max=1880.08884890317 PtS11Max=1 x2S11Max=-0.3
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 x3S11Max=-0.5 S11Min=-2640.49819328348 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66
 ElemStation=0.125
 Frame=66 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302421
 V2=245.685770901006 V3=0 T=0 M2=0 M3=213.458569411717 S11Max=3569.25573822636 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-486.232175336058 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66 ElemStation=0
 Frame=66 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302421
 V2=247.560770901006 V3=0 T=0 M2=0 M3=184.09642729174 S11Max=3079.88670289341 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-275.429928550079 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66 ElemStation=0.125
 Frame=66 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417001
 V2=99.0577273378735 V3=0 T=0 M2=0 M3=26.0262705048019 S11Max=381.310174824006 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-3546.02990883087 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66 ElemStation=0
 Frame=66 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417001
 V2=100.932727337873 V3=0 T=0 M2=0 M3=13.3781356976432 S11Max=170.507928038027 PtS11Max=1 x2S11Max=-0.3
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 x3S11Max=-0.5 S11Min=-3056.66087349793 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=66
 ElemStation=0.125
 Frame=68 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146145 V2=-
 220.124436033882 V3=0 T=0 M2=0 M3=-43.3703863956698 S11Max=1350.63535946269 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-796.75712149794 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=68 ElemStation=0
 Frame=68 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146145 V2=-
 218.249436033882 V3=0 T=0 M2=0 M3=-15.9421812904667 S11Max=858.941179930179 PtS11Max=3 x2S11Max=0.3 _
 x3S11Max=-0.5 S11Min=-339.620369744555 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=68
 ElemStation=0.125
 Frame=68 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420657 V2=-
 237.026727387964 V3=0 T=0 M2=0 M3=-81.0537520621975 S11Max=648.922425024388 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-1351.15637594389 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=68 ElemStation=0
 Frame=68 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420657 V2=-
 235.151727387964 V3=0 T=0 M2=0 M3=-51.5521012902466 S11Max=191.785673271003 PtS11Max=3 x2S11Max=0.3 _
 x3S11Max=-0.5 S11Min=-859.462196411374 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=68
 ElemStation=0.125
 Frame=68 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302423 V2=-
 102.122578457125 V3=0 T=0 M2=0 M3=35.4266511159585 S11Max=1885.74136984438 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=32.5422648837372 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=68 ElemStation=0
 Frame=68 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302423 V2=-
 100.247578457125 V3=0 T=0 M2=0 M3=48.1046240240671 S11Max=1485.62653147684 PtS11Max=3 x2S11Max=0.3 _
 x3S11Max=-0.5 S11Min=32.5422648837372 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=68
 ElemStation=0.125
 Frame=68 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417007 V2=-
 270.380660122632 V3=0 T=0 M2=0 M3=-112.835179996454 S11Max=-139.150476902835 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1875.43629250797 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=68 ElemStation=0
 Frame=68 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417007 V2=-
 268.505660122632 V3=0 T=0 M2=0 M3=-88.8528255737786 S11Max=-139.150476902835 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1476.16812181676 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=68 ElemStation=0.125
 Frame=69 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146186 V2=-
 243.969448049616 V3=0 T=0 M2=0 M3=-15.9421812904725 S11Max=858.941179930227 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-339.620369744654 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=69 ElemStation=0
 Frame=69 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146186 V2=-
 242.094448049616 V3=0 T=0 M2=0 M3=16.0305200115751 S11Max=333.549854501205 PtS11Max=3 x2S11Max=0.3 _
 x3S11Max=-0.5 S11Min=15.5416128691031 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=69
 ElemStation=0.125
 Frame=69 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420675 V2=-
 264.484714363602 V3=0 T=0 M2=0 M3=-51.5521012902494 S11Max=191.785673271096 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-859.462196411421 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=69 ElemStation=0
 Frame=69 Station=0.125 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420675 V2=-
 262.609714363602 V3=0 T=0 M2=0 M3=-20.1947908320525 S11Max=-73.9173482367792 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-339.609839900546 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=69 ElemStation=0.125
 Frame=69 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302429 V2=-
 108.744287067119 V3=0 T=0 M2=0 M3=48.1046240240657 S11Max=1485.62653147688 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=32.5422648837382 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=69 ElemStation=0
 Frame=69 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302429 V2=-
 106.869287067119 V3=0 T=0 M2=0 M3=61.5916479982044 S11Max=1033.66299547787 PtS11Max=3 x2S11Max=0.3 _



x3S11Max=-0.5 S11Min=32.5422648837382 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=69
 ElemStation=0.125
 Frame=69 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417009 V2=-
 302.487515089082 V3=0 T=0 M2=0 M3=-88.852825573781 S11Max=-139.150476902835 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1476.1681218168 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=69 ElemStation=0
 Frame=69 Station=0.125 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417009 V2=-
 300.612515089082 V3=0 T=0 M2=0 M3=-61.7789028136155 S11Max=-139.150476902835 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1165.67794353958 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=69 ElemStation=0.125
 Frame=70 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146126
 V2=198.898504668741 V3=0 T=0 M2=0 M3=158.106627358 S11Max=2629.72271864977 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-1854.54459208307 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=70 ElemStation=0
 Frame=70 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146126
 V2=206.398504668741 V3=0 T=0 M2=0 M3=58.2975980832697 S11Max=963.469412945199 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-290.024220032679 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=70 ElemStation=0.5
 Frame=70 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420659
 V2=180.629660391677 V3=0 T=0 M2=0 M3=112.039003229586 S11Max=1880.08884890313 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-2640.49819328355 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=70 ElemStation=0
 Frame=70 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420659
 V2=188.129660391677 V3=0 T=0 M2=0 M3=18.3339499741069 S11Max=321.107445770883 PtS11Max=1 x2S11Max=-0.3
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 x3S11Max=-0.5 S11Min=-979.783856497124 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=70
 ElemStation=0.5
 Frame=70 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302421
 V2=227.200983006153 V3=0 T=0 M2=0 M3=184.096427291746 S11Max=3079.88670289351 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-275.429928550052 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=70 ElemStation=0
 Frame=70 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302421
 V2=234.700983006153 V3=0 T=0 M2=0 M3=98.802713414748 S11Max=1653.82297798866 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=32.5422648837368 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=70 ElemStation=0.5
 Frame=70 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417
 V2=81.0468646237257 V3=0 T=0 M2=0 M3=13.3781356976416 S11Max=170.507928038 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-3056.66087349803 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=70 ElemStation=0
 Frame=70 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417
 V2=88.5468646237257 V3=0 T=0 M2=0 M3=-29.0202966142213 S11Max=-139.150476902833 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1639.78161571268 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=70 ElemStation=0.5
 Frame=71 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146071
 V2=179.682675363819 V3=0 T=0 M2=0 M3=58.2975980832747 S11Max=963.469412945282 PtS11Max=1 x2S11Max=-0.3
 x3S11Max=-0.5 _
 S11Min=-290.024220032678 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=71 ElemStation=0
 Frame=71 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146071
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 x3S11Max=-0.5 _
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 Frame=71 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420661
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 x3S11Max=-0.5 _
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 x3S11Max=-0.5 _
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 x3S11Max=-0.5 _
 S11Min=32.5422648837357 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=71 ElemStation=0
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 V2=215.328357787156 V3=0 T=0 M2=0 M3=17.5145638996447 S11Max=1802.74112888543 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=32.5422648837357 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=71 ElemStation=0.5
 Frame=71 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417003
 V2=55.8848191879803 V3=0 T=0 M2=0 M3=-29.0202966142192 S11Max=-139.150476902834 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1639.78161571273 PtS11Min=3 x2S11Min=0.3 x3S11Min=-0.5 FrameElem=71 ElemStation=0
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 V2=63.3848191879803 V3=0 T=0 M2=0 M3=-108.565273951011 S11Max=-139.150476902834 PtS11Max=0 x2S11Max=0
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 V2=149.982587764716 V3=0 T=0 M2=0 M3=-28.0165208836105 S11Max=1145.12209054561 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-475.099236502805 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=72 ElemStation=0
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 V2=157.482587764716 V3=0 T=0 M2=0 M3=-100.991266088528 S11Max=2298.32434412548 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _



S11Min=-1691.3449899181 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=72 ElemStation=0.5
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 V2=126.851173074705 V3=0 T=0 M2=0 M3=-67.7748286605902 S11Max=458.784792950879 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-1114.0388648074 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=72 ElemStation=0
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 V2=134.351173074705 V3=0 T=0 M2=0 M3=-136.966963875383 S11Max=1675.03054636617 PtS11Max=3 x2S11Max=0.3
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 x3S11Max=-0.5 S11Min=-2267.24111838728 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=72
 ElemStation=0.5
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 V2=175.734223338361 V3=0 T=0 M2=0 M3=17.5145638996451 S11Max=1802.7411288854 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=32.5422648837357 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=72 ElemStation=0
 Frame=72 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302414
 V2=183.234223338361 V3=0 T=0 M2=0 M3=-51.3598591036718 S11Max=2874.9264576036 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-925.130012755348 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=72 ElemStation=0.5
 Frame=72 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417003
 V2=31.6277204604181 V3=0 T=0 M2=0 M3=-108.565273951009 S11Max=-139.150476902834 PtS11Max=0 x2S11Max=0
 x3S11Max=0 _
 S11Min=-1816.10133614823 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=72 ElemStation=0
 Frame=72 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417003
 V2=39.1277204604181 V3=0 T=0 M2=0 M3=-172.896393674101 S11Max=782.607301285844 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
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 Frame=73 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146073
 V2=109.612603584947 V3=0 T=0 M2=0 M3=-100.991266088527 S11Max=2298.32434412542 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
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 Frame=73 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146073
 V2=117.112603584947 V3=0 T=0 M2=0 M3=-150.861996833579 S11Max=3099.61685871657 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-2588.28396212976 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=73 ElemStation=0.5
 Frame=73 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420662
 V2=87.8778867197125 V3=0 T=0 M2=0 M3=-136.966963875379 S11Max=1675.03054636615 PtS11Max=3 x2S11Max=0.3
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 V2=95.3778867197125 V3=0 T=0 M2=0 M3=-185.044514750848 S11Max=2440.44926565621 PtS11Max=3 x2S11Max=0.3
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 ElemStation=0.5
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 V2=130.720764601121 V3=0 T=0 M2=0 M3=-51.3598591036707 S11Max=2874.92645760353 PtS11Max=3 x2S11Max=0.3
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 V2=7.97245139552091 V3=0 T=0 M2=0 M3=-172.896393674097 S11Max=782.607301285824 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
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 V2=15.4724513955209 V3=0 T=0 M2=0 M3=-210.810485899814 S11Max=882.147392874281 PtS11Max=3 x2S11Max=0.3
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 V2=65.556158398373 V3=0 T=0 M2=0 M3=-172.693679435435 S11Max=3473.18536084123 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-2952.14533882737 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=74 ElemStation=0.5
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 V2=39.9133652037135 V3=0 T=0 M2=0 M3=-185.044514750849 S11Max=2440.4492656562 PtS11Max=3 x2S11Max=0.3
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 S11Min=-3068.53363297838 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=74 ElemStation=0
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 V2=47.4133652037135 V3=0 T=0 M2=0 M3=-207.458624878328 S11Max=2804.31064235381 PtS11Max=3 x2S11Max=0.3
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 x3S11Max=-0.5 S11Min=-3442.10213510303 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=74
 ElemStation=0.5
 Frame=74 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302414
 V2=86.9057238650399 V3=0 T=0 M2=0 M3=-61.277872186626 S11Max=3544.35382309018 PtS11Max=3 x2S11Max=0.3
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Frame=74 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302414
 V2=94.3294975155782 V3=0 T=0 M2=0 M3=-55.324875120199 S11Max=4035.73621570904 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
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 ElemStation=0.5
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 x3S11Max=-0.5 _
 S11Min=-2952.14533882736 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=75 ElemStation=0
 Frame=75 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146077
 V2=4.85444763805006 V3=0 T=0 M2=0 M3=-165.634157978513 S11Max=3419.72355218865 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-2834.48664787866 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=75 ElemStation=0.5
 Frame=75 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420664 V2=-
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 x3S11Max=-0.5 _
 S11Min=-3442.10213510304 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=75 ElemStation=0
 Frame=75 Station=0.5 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420664 V2=-
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 x3S11Max=-0.5 S11Min=-3420.24456866985 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=75
 ElemStation=0.5
 Frame=75 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302415
 V2=32.4309250313863 V3=0 T=0 M2=0 M3=-55.3248751202 S11Max=4035.73621570905 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
 S11Min=-1061.23172890617 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=75 ElemStation=0
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 V2=39.6842485712236 V3=0 T=0 M2=0 M3=-37.3870951283494 S11Max=4021.51392787452 PtS11Max=3 x2S11Max=0.3
 x3S11Max=-0.5 _
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 x3S11Max=-0.5 _
 S11Min=-3970.65168594157 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=75 ElemStation=0
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 x3S11Max=-0.5 _
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 x3S11Max=-0.5 _
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 x3S11Max=-0.5 S11Min=-2147.62855739299 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=76
 ElemStation=0.5
 Frame=76 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Min P=-44.3504089420665 V2=-
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 x3S11Max=-0.5 _
 S11Min=-3420.24456866979 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=76 ElemStation=0
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 ElemStation=0.5
 Frame=76 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302416 V2=-
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 x3S11Max=-0.5 _
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 x3S11Max=-0.5 _
 S11Min=-259.867828658724 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=76 ElemStation=0.5
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 x3S11Max=-0.5 _
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 Frame=77 Station=0 OutputCase=ENVETA5 CaseType=Combination StepType=Max P=9.32496772146146 V2=-
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 x3S11Max=-0.5 _
 S11Min=-2147.62855739312 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=77 ElemStation=0
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x3S11Max=-0.5 S11Min=-796.757121497978 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=77
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x3S11Max=-0.5 _
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Frame=77 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Max P=19.5253589302424 V2=-
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x3S11Max=-0.5 _
S11Min=-259.867828658727 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=77 ElemStation=0
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x3S11Max=-0.5 _
S11Min=32.5422648837373 PtS11Min=0 x2S11Min=0 x3S11Min=0 FrameElem=77 ElemStation=0.5
Frame=77 Station=0 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417009 V2=-
205.270110064703 V3=0 T=0 M2=0 M3=-197.301929790448 S11Max=-18.4331251469428 PtS11Max=3 x2S11Max=0.3
x3S11Max=-0.5 _
S11Min=-3271.62535273343 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=77 ElemStation=0
Frame=77 Station=0.5 OutputCase=ENVETA CaseType=Combination StepType=Min P=-83.4902861417009 V2=-
197.770110064703 V3=0 T=0 M2=0 M3=-112.835179996454 S11Max=-139.150476902835 PtS11Max=0 x2S11Max=0
x3S11Max=0 _
S11Min=-1875.43629250798 PtS11Min=1 x2S11Min=-0.3 x3S11Min=-0.5 FrameElem=77 ElemStation=0.5

TABLE: "ELEMENT STRESSES - FRAMES"

Frame	Station	OutputCase	CaseType	Combination	StepType	Max	Point	X2	X3
S11=15.5416128691021	0	ENVETA5	Combination	Elem=1	Max	0	0	0	
S11=3499.05375912314	0	ENVETA5	Combination	Elem=1	Max	1	-0.3	-0.5	
S11=3499.05375912314	0	ENVETA5	Combination	Elem=1	Max	2	-0.3	0.5	
S11=2668.69188645575	0	ENVETA5	Combination	Elem=1	Max	3	0.3	-0.5	
S11=2668.69188645575	0	ENVETA5	Combination	Elem=1	Max	4	0.3	0.5	
S11=15.5416128691021	0.125	ENVETA5	Combination	Elem=1	Max	0	0	0	
S11=3062.91430382714	0.125	ENVETA5	Combination	Elem=1	Max	1	-0.3	-0.5	
S11=3062.91430382714	0.125	ENVETA5	Combination	Elem=1	Max	2	-0.3	0.5	
S11=-2258.23869956048	0.125	ENVETA5	Combination	Elem=1	Max	3	0.3	-0.5	
S11=-2258.23869956048	0.125	ENVETA5	Combination	Elem=1	Max	4	0.3	0.5	
S11=73.9173482367765	0	ENVETA5	Combination	Elem=1	Min	0	0	0	
S11=2694.23614327581	0	ENVETA5	Combination	Elem=1	Min	1	-0.3	-0.5	
S11=-3509.82923375692	0	ENVETA5	Combination	Elem=1	Min	2	-0.3	0.5	
S11=-3509.82923375692	0	ENVETA5	Combination	Elem=1	Min	4	0.3	0.5	
S11=-73.9173482367765	0.125	ENVETA5	Combination	Elem=1	Min	0	0	0	
S11=2283.78295638055	0.125	ENVETA5	Combination	Elem=1	Min	1	-0.3	-0.5	
S11=2283.78295638055	0.125	ENVETA5	Combination	Elem=1	Min	2	-0.3	0.5	
S11=-3073.68977846092	0.125	ENVETA5	Combination	Elem=1	Min	3	0.3	-0.5	
S11=-3073.68977846092	0.125	ENVETA5	Combination	Elem=1	Min	4	0.3	0.5	
S11=32.5422648837368	0	ENVETA	Combination	Elem=1	Max	0	0	0	
S11=4060.14991323902	0	ENVETA	Combination	Elem=1	Max	1	-0.3	-0.5	
S11=4060.14991323902	0	ENVETA	Combination	Elem=1	Max	2	-0.3	0.5	
S11=-710.82964839293	0	ENVETA	Combination	Elem=1	Max	3	0.3	-0.5	
S11=710.82964839293	0	ENVETA	Combination	Elem=1	Max	4	0.3	0.5	
S11=32.5422648837368	0.125	ENVETA	Combination	Elem=1	Max	0	0	0	
S11=3569.25573822643	0.125	ENVETA	Combination	Elem=1	Max	1	-0.3	-0.5	

Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=3569.25573822643		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0.125			
Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-486.23217533607		IsS11Max=No	IsS11Min=Yes	FrameElem=1	ElemStation=0.125			
Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-486.23217533607		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0.125			
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902833		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0			
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=605.907647880878		IsS11Max=Yes	IsS11Min=No	FrameElem=1	ElemStation=0			
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=605.907647880878		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0			
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-4036.92408384353		IsS11Max=No	IsS11Min=Yes	FrameElem=1	ElemStation=0			
Frame=1	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	S11=-
4036.92408384353		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0			
Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902833		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0.125			
Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=381.310174824018		IsS11Max=Yes	IsS11Min=No	FrameElem=1	ElemStation=0.125			
Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=381.310174824018		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0.125			
Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-3546.02990883094		IsS11Max=No	IsS11Min=Yes	FrameElem=1	ElemStation=0.125			
Frame=1	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-3546.02990883094		IsS11Max=No	IsS11Min=No	FrameElem=1	ElemStation=0.125			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
386.926771475734		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=4626.99964250934		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=4626.99964250934		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-4258.06405053139		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-4258.06405053139		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-383.176771475734		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=4116.97987074705		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=4116.97987074705		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-3937.99170243419		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-3937.99170243419		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
429.225210013416		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=3464.55231228204		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=3464.55231228204		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-5465.79186723821		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-5465.79186723821		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-425.475210013416		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=3151.97996418485		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=3151.97996418485		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-4948.27209547592		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-4948.27209547592		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
212.470902351516		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=5358.76586688622		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=5358.76586688622		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1170.35085331759		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1170.35085331759		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
208.720902351516		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=4787.80922929569		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=4787.80922929569		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			

Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1075.79159276458		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1075.79159276458		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
522.003849485829		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=725.750853316687		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=725.750853316687		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-6301.02068891299		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0			
Frame=12	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-6301.02068891299		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
518.253849485829		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=638.691592763678		IsS11Max=Yes	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=638.691592763678		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-5722.56405132246		IsS11Max=No	IsS11Min=Yes	FrameElem=12	ElemStation=0.15			
Frame=12	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-5722.56405132246		IsS11Max=No	IsS11Min=No	FrameElem=12	ElemStation=0.15			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
25.6480528991611		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-121.578989849367		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-121.578989849367		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=584.933416956623		IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=584.933416956623		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-27.8700529322715		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-	
0.5	S11=-256.287416684749	IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=256.287416684749		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=145.629852646205		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=145.629852646205		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
82.253237232807		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-749.439891422236		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-749.439891422236		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=16.7953244978628		IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=16.7953244978628		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-84.3492372640398		IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-	
0.5	S11=-314.328327174284	IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-314.328327174284		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-365.515082102474		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-365.515082102474		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
4.68128093260902		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=681.752933241174		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=681.752933241174		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1578.38837802412		IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1578.38837802412		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-7.45878093260903		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=927.711609302212		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=927.711609302212		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1014.4407287959		IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.125			



Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1014.4407287959		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.043178556838		IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1840.4747351378		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1840.4747351378		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-795.127242006177		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-795.127242006177		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-131.043178556838		IsS11Max=Yes	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1276.52708590958		IsS11Max=No	IsS11Min=Yes	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1276.52708590958		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1042.31021272442		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=13	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1042.31021272442		IsS11Max=No	IsS11Min=No	FrameElem=13	ElemStation=0.125			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
27.8700529323309		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=256.287416684533		IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=256.287416684533		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=145.629852646302		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=145.629852646302		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-30.0920529654412		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-	
0.5	S11=606.708322959805	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=606.708322959805		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-263.699211367532		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-263.699211367532		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
84.3492372639362		IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-314.328327174175		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-314.328327174175		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-365.515082102411		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-365.515082102411		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-86.4452372951691		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-	
0.5	S11=90.8087367771943	IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=90.8087367771943		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-720.379988443904		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-720.379988443904		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
7.45878093270262		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=927.711609301776		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=927.711609301776		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1014.4407287957		IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1014.4407287957		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-10.2362809327026		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1156.77976897058		IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1156.77976897058		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=537.2540488058		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=537.2540488058		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			

Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.043178557065		IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1276.52708590983		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1276.52708590983		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1042.31021272468		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1042.31021272468		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-131.043178557065		IsS11Max=Yes	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-777.932352115921		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-777.932352115921		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1272.99064035998		IsS11Max=No	IsS11Min=Yes	FrameElem=14	ElemStation=0.125			
Frame=14	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1272.99064035998		IsS11Max=No	IsS11Min=No	FrameElem=14	ElemStation=0.125			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
30.0920529654145		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=606.708322959754		IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=606.708322959754		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-263.699211367977		IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-263.699211367977		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
38.980053097856		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1811.40614350294		IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1811.40614350294		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1509.59450361695		IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1509.59450361695		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
86.4452372955836		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=90.8087367768098		IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=90.8087367768098		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-720.379988443861		IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-720.379988443861		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
94.8292374205149		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=1334.14279159048		IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=1334.14279159048		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1957.06057206649		IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1957.06057206649		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
10.2362809326355		IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1156.77976897061		IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1156.77976897061		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=537.254048805775		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=537.254048805775		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0			
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
19.2676584527269		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2191.16793852984		IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2191.16793852984		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-44.7769015501917		IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-44.7769015501917		IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5			
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.04317855718		IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0			



Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-777.932352116018	IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0				
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-777.932352116018	IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0				
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1272.9906403601	IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0				
Frame=15	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1272.9906403601	IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0				
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.04317855718	IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5				
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-107.435303666107	IsS11Max=Yes	IsS11Min=No	FrameElem=15	ElemStation=0.5				
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-107.435303666107	IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5				
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2346.18393380208	IsS11Max=No	IsS11Min=Yes	FrameElem=15	ElemStation=0.5				
Frame=15	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2346.18393380208	IsS11Max=No	IsS11Min=No	FrameElem=15	ElemStation=0.5				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
38.9800530978909	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1811.40614350293	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1811.40614350293	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1509.59450361701	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1509.59450361701	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
47.8680532303324	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2650.51226027373	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2650.51226027373	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2274.44570815063	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2274.44570815063	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
94.8292374204529	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=1334.14279159046	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=1334.14279159046	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1957.06057206632	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1957.06057206632	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
103.213237545384	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2081.2179958592	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2081.2179958592	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2756.06523452434	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2756.06523452434	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
19.2676584527772	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2191.16793852982	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2191.16793852982	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-44.7769015501894	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-44.7769015501894	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012288	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3139.70185917287	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3139.70185917287	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-448.276901550147	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-448.276901550147	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.043178557121	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-107.435303666108	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0				

Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-107.435303666108	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2346.18393380187	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0				
Frame=16	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2346.18393380187	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.043178557121	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=296.06469633385	IsS11Max=Yes	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=296.06469633385	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3258.80839988228	IsS11Max=No	IsS11Min=Yes	FrameElem=16	ElemStation=0.5				
Frame=16	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3258.80839988228	IsS11Max=No	IsS11Min=No	FrameElem=16	ElemStation=0.5				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
47.8680532303678	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2650.51226027362	IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2650.51226027362	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2274.44570815062	IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2274.44570815062	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
56.6987598634736	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3012.13150363308	IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3012.13150363308	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2600.1689085457	IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2600.1689085457	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
103.213237545462	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2081.21799585912	IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2081.21799585912	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2756.0652345244	IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2756.0652345244	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
111.597237670394	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2389.16519598931	IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2389.16519598931	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3125.52902336003	IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3125.52902336003	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012288	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3139.70185917274	IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3139.70185917274	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-448.276901550127	IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-448.276901550127	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012288	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3531.20091114586	IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3531.20091114586	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-690.376901550076	IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-690.376901550076	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.04317855718	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=296.064696333829	IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0				
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=296.064696333829	IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0				

Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3258.80839988235		IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0			
Frame=17	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3258.80839988235		IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0			
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.04317855718		IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5			
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=538.164696333778		IsS11Max=Yes	IsS11Min=No	FrameElem=17	ElemStation=0.5			
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=538.164696333778		IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5			
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3662.34399708178		IsS11Max=No	IsS11Min=Yes	FrameElem=17	ElemStation=0.5			
Frame=17	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3662.34399708178		IsS11Max=No	IsS11Min=No	FrameElem=17	ElemStation=0.5			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
56.6987598635054		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3012.13150363295		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3012.13150363295		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2600.16890854556		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2600.16890854556		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
65.0827599884367		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2894.15874225125		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2894.15874225125		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2486.76410480244		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2486.76410480244		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
111.597237670425		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2389.16519598911		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2389.16519598911		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3125.52902335996		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3125.52902335996		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
119.981237795357		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2257.98439198111		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2257.98439198111		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3024.32426222812		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3024.32426222812		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012289		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3531.20091114571		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3531.20091114571		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-690.376901549999		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-690.376901549999		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012289		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3363.55996311913		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3363.55996311913		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-771.0769015501		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-771.0769015501		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.043178557238		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=538.164696333702		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=538.164696333702		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3662.34399708171		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0			

Frame=18	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3662.34399708171		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.043178557238		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=618.864696333803		IsS11Max=Yes	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=618.864696333803		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3515.66304905513		IsS11Max=No	IsS11Min=Yes	FrameElem=18	ElemStation=0.5			
Frame=18	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3515.66304905513		IsS11Max=No	IsS11Min=No	FrameElem=18	ElemStation=0.5			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
65.0827599884217		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2894.15874225115		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2894.15874225115		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2486.76410480247		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2486.76410480247		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
73.466760113353		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2296.59397612801		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2296.59397612801		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1930.09417377293		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1930.09417377293		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
119.981237795342		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2257.98439198097		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2257.98439198097		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3024.32426222799		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3024.32426222799		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
128.365237920273		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=1687.67558383439		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=1687.67558383439		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2443.52749635471		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2443.52749635471		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012288		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3363.55996311902		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3363.55996311902		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-771.076901550033		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-771.076901550033		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012288		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2891.47882042844		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2891.47882042844		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-686.239778402247		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-686.239778402247		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
131.043178557179		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=618.864696333736		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=618.864696333736		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3515.66304905498		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0			
Frame=19	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3515.66304905498		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0			

Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
141.430020774902		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=538.164696333793		IsS11Max=Yes	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=538.164696333793		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3043.76822192896		IsS11Max=No	IsS11Min=Yes	FrameElem=19	ElemStation=0.5			
Frame=19	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3043.76822192896		IsS11Max=No	IsS11Min=No	FrameElem=19	ElemStation=0.5			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
73.4667601133376		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2296.59397612798		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2296.59397612798		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1930.09417377281		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1930.09417377281		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
81.8507602382689		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1219.43720526332		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1219.43720526332		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-879.458775859744		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-879.458775859744		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
128.365237920259		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=1687.67558383447		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=1687.67558383447		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2443.52749635466		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2443.52749635466		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
136.74923804519		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=646.825759003067		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=646.825759003067		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1383.13872573986		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1383.13872573986		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012282		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2891.47882042839		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2891.47882042839		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-686.239778402231		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-686.239778402231		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012282		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1862.3219173399		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1862.3219173399		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-264.795244355492		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-264.795244355492		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
141.430020774884		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=538.164696333769		IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=538.164696333769		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3043.76822192891		IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0			
Frame=20	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3043.76822192891		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
151.910020774884		IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			



Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=98.6283286626164	IsS11Max=Yes	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=98.6283286626164	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=-2014.61131884042	IsS11Max=No	IsS11Min=Yes	FrameElem=20	ElemStation=0.5			
Frame=20	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=-2014.61131884042	IsS11Max=No	IsS11Min=No	FrameElem=20	ElemStation=0.5			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0 S11=-
81.8507602383482	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=1219.43720526316	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=1219.43720526316	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=-879.458775859705	IsS11Max=No	IsS11Min=Yes	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=-879.458775859705	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0 S11=-
90.2347603632795	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=-337.311570343013	IsS11Max=No	IsS11Min=Yes	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-337.311570343013	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=610.304626191851	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=610.304626191851	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0 S11=-
136.749238045267	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=646.82575900296	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=646.82575900296	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=-1383.13872573986	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=-1383.13872573986	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0 S11=-
145.133238170198	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-860.713643313479	IsS11Max=No	IsS11Min=Yes	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-860.713643313479	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=156.842049616454	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=156.842049616454	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0 S11=-
21.2076248012292	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=1862.32191733975	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=1862.32191733975	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=-264.795244355539	IsS11Max=No	IsS11Min=Yes	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=-264.795244355539	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0 S11=-
21.2076248012292	IsS11Max=No	IsS11Min=Yes	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=324.335355689324	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=324.335355689324	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=1043.93799734534	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=1043.93799734534	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0 S11=-
151.91002077498	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=98.6283286624743	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=98.6283286624743	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=-2014.61131884039	IsS11Max=No	IsS11Min=Yes	FrameElem=21	ElemStation=0			
Frame=21	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=-2014.61131884039	IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0 S11=-
162.39002077498	IsS11Max=Yes	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-1225.31759485861	IsS11Max=No	IsS11Min=Yes	FrameElem=21	ElemStation=0.5			

Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1225.31759485861		IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-448.928285702896		IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=21	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-448.928285702896		IsS11Max=No	IsS11Min=No	FrameElem=21	ElemStation=0.5			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
90.2347603632214		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-337.311570342922		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-337.311570342922		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=610.3046261917		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=610.3046261917		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
98.6187604881528		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-2373.6523506905		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-2373.6523506905		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=2645.36777748008		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=2645.36777748008		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
145.133238170142		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-860.713643313495		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-860.713643313495		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=156.842049616476		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=156.842049616476		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
153.517238295074		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2920.70355757585		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2920.70355757585		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=2176.41482971419		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=2176.41482971419		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.20762480123		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=324.335355689338		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=324.335355689338		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1043.93799734529		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1043.93799734529		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.20762480123		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-274.646281112858		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-274.646281112858		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3131.41369081779		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3131.41369081779		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
162.39002077491		IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1225.31759485867		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1225.31759485867		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-448.928285702897		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-448.928285702897		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
172.87002077491		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-3445.45503587323		IsS11Max=No	IsS11Min=Yes	FrameElem=22	ElemStation=0.5			
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-3445.45503587323		IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5			

Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=232.231031510398	IsS11Max=Yes	IsS11Min=No	FrameElem=22	ElemStation=0.5				
Frame=22	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=232.231031510398	IsS11Max=No	IsS11Min=No	FrameElem=22	ElemStation=0.5				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
98.6187604887841	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-2373.65235069101	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-2373.65235069101	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=2645.36777747928	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=2645.36777747928	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-100.714760520017	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-	
0.5	S11=-2937.20103563627	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0.125			
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-2937.20103563627	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3239.94086971766	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3239.94086971766	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
153.517238295716	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2920.70355757647	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2920.70355757647	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=2176.41482971344	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=2176.41482971344	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-155.613238326949	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-	
0.5	S11=-3519.46864987732	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0.125			
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-3519.46864987732	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=2730.36492751902	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=2730.36492751902	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012243	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-274.646281112801	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-274.646281112801	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3131.41369081682	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3131.41369081682	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-21.2076248012243	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-441.090031112788	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-441.090031112788	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3829.33319929661	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3829.33319929661	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
172.870020775712	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-3445.45503587401	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-3445.45503587401	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=232.231031510352	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=232.231031510352	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-175.490020775712	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-4148.61454435379	IsS11Max=No	IsS11Min=Yes	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-4148.61454435379	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=398.674781510339	IsS11Max=Yes	IsS11Min=No	FrameElem=23	ElemStation=0.125				

Frame=23	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=398.674781510339	IsS11Max=No	IsS11Min=No	FrameElem=23	ElemStation=0.125				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
100.714760519368	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-2937.20103563591	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-2937.20103563591	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3239.94086971827	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3239.94086971827	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-102.810760550601	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-	
0.5	S11=-3505.18349168129	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.125			
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-3505.18349168129	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3864.48846225266	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3864.48846225266	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
155.613238326284	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-3519.46864987648	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-3519.46864987648	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=2730.36492751929	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=2730.36492751929	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-157.709238357517	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-	
0.5	S11=-4148.20824247334	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.125			
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-4148.20824247334	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=3293.90338349846	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=3293.90338349846	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
21.2076248012323	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-441.090031112789	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-441.090031112789	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3829.33319929735	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3829.33319929735	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-21.2076248012323	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-617.621281112623	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-617.621281112623	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=4562.19895777675	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=4562.19895777675	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
175.490020774882	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-4148.61454435276	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-4148.61454435276	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=398.674781510325	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=398.674781510325	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-178.110020774882	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-4886.72030283216	IsS11Max=No	IsS11Min=Yes	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-4886.72030283216	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=575.206031510158	IsS11Max=Yes	IsS11Min=No	FrameElem=24	ElemStation=0.125				
Frame=24	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=575.206031510158	IsS11Max=No	IsS11Min=No	FrameElem=24	ElemStation=0.125				



Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
383.176771475647		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=4116.97987074704		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=4116.97987074704		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-3937.99170243408		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-3937.99170243408		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-379.426771475647		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=3638.43277911953		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=3638.43277911953		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-3634.36571445454		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-3634.36571445454		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
425.475210013392		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=3151.97996418497		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=3151.97996418497		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-4948.27209547591		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-4948.27209547591		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-421.725210013392		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2855.85397620544		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2855.85397620544		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-4462.2250038484		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-4462.2250038484		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
208.720902351429		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=4787.80922929565		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=4787.80922929565		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1075.79159276447		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1075.79159276447		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
204.970902351429		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=4250.58679170511		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=4250.58679170511		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-989.781732211457		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-989.781732211457		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
518.253849485712		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=638.691592763796		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=638.691592763796		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-5722.56405132246		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0				
Frame=25	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-5722.56405132246		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
514.503849485712		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=560.181732210787		IsS11Max=Yes IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=560.181732210787		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-5177.84161373192		IsS11Max=No IsS11Min=Yes	FrameElem=25	ElemStation=0.15				
Frame=25	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-5177.84161373192		IsS11Max=No IsS11Min=No	FrameElem=25	ElemStation=0.15				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
291.926771475636		IsS11Max=No IsS11Min=Yes	FrameElem=27	ElemStation=0				



Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=141.453257732364	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=141.453257732364	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-254.377955806262	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-254.377955806262	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-288.801771475636	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=235.440841648039	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=235.440841648039	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-300.128432927537	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-300.128432927537	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=334.225210013615	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-329.475587145009	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-329.475587145009	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-809.903677759584	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-809.903677759584	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-331.100210013615	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-277.475110023735	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-277.475110023735	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-897.641261675259	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-897.641261675259	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
S11=117.47090235137	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=953.978696116565	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=953.978696116565	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=675.246832035467	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=675.246832035467	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-114.34590235137	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1115.65144234651	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1115.65144234651	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=621.96504494026	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=621.96504494026	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=427.003849485887	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1057.94819277042	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1057.94819277042	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1807.98639508833	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0				
Frame=27	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1807.98639508833	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-423.878849485887	IsS11Max=Yes	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-999.980201141716	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-999.980201141716	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1963.40914131828	IsS11Max=No	IsS11Min=Yes	FrameElem=27	ElemStation=0.125				
Frame=27	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1963.40914131828	IsS11Max=No	IsS11Min=No	FrameElem=27	ElemStation=0.125				
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
S11=288.801771475764	IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0				
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=235.440841648253	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0				

Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=235.440841648253		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-300.128432927585		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-300.128432927585		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-285.676771475764		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-	
0.5	S11=339.211444176319	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=339.211444176319		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-354.863928649366		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-354.863928649366		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
331.100210013248		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-277.475110023944		IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-277.475110023944		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-897.641261674739		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-897.641261674739		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-327.975210013248		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-	
0.5	S11=-216.489614302163	IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-216.489614302163		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-995.161864202804		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-995.161864202804		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
114.345902351313		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1115.65144234685		IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1115.65144234685		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=621.965044940579		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=621.965044940579		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-111.220902351313		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1288.67770709555		IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1288.67770709555		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=552.742321639937		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=552.742321639937		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
423.878849485451		IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-999.980201141746		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-999.980201141746		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1963.40914131774		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0			
Frame=28	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1963.40914131774		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-420.753849485451		IsS11Max=Yes	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-925.928063699629		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-925.928063699629		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2130.18540606645		IsS11Max=No	IsS11Min=Yes	FrameElem=28	ElemStation=0.125			
Frame=28	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2130.18540606645		IsS11Max=No	IsS11Min=No	FrameElem=28	ElemStation=0.125			
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
510.70813777273		IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0			
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-35.8622554520082		IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0			
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-35.8622554520082		IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0			

Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-160.954317611412	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-160.954317611412	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-506.95813777273	IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-61.0186712207194	IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-61.0186712207194	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-251.812136704597	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-251.812136704597	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
555.515895537923	IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-930.419278166847	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-930.419278166847	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1005.21221539104	IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1005.21221539104	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-551.765895537923	IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-832.061459073662	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-832.061459073662	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-972.555799622327	IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-972.555799622327	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
222.299999999957	IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1026.65241268805	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1026.65241268805	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1255.89955195694	IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1255.89955195694	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
218.549999999957	IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=964.543870716314	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=964.543870716314	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1018.15608851348	IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1018.15608851348	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
636.362588986667	IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1898.77402184895	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1898.77402184895	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1943.53501559412	IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0				
Frame=29	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1943.53501559412	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
632.612588986667	IsS11Max=Yes	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1731.63656790838	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1731.63656790838	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1871.49784648041	IsS11Max=No	IsS11Min=Yes	FrameElem=29	ElemStation=0.15				
Frame=29	Station=0.15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1871.49784648041	IsS11Max=No	IsS11Min=No	FrameElem=29	ElemStation=0.15				
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
506.958137772656	IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0				
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-61.0186712206812	IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0				
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-61.0186712206812	IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0				
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-251.81213670437	IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0				

Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-251.81213670437		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=-503.208137772656		IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-99.6330869894198		IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-99.6330869894198		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-320.243355797527		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-320.243355797527		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
551.765895537736		IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-832.061459073465		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-832.061459073465		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-972.555799622272		IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-972.555799622272		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-548.015895537736		IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-756.130239980307		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-756.130239980307		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-926.441383853534		IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-926.441383853534		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
218.549999999999		IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=964.54387071665		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=964.54387071665		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1018.15608851351		IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1018.15608851351		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
214.799999999999		IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=881.5454656375		IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=881.5454656375		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=802.839225070051		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=802.839225070051		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
632.612588986434		IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1731.6365679083		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1731.6365679083		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1871.49784648015		IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0			
Frame=30	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1871.49784648015		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
628.862588986434		IsS11Max=Yes	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1607.70644117403		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1607.70644117403		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1778.19661298015		IsS11Max=No	IsS11Min=Yes	FrameElem=30	ElemStation=0.15			
Frame=30	Station=0.15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1778.19661298015		IsS11Max=No	IsS11Min=No	FrameElem=30	ElemStation=0.15			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
415.7081377725		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-3470.5149743037		IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-3470.5149743037		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3130.77269389859		IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3130.77269389859		IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			



Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-412.5831377725	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-
0.5	S11=-3656.35252431665	IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0.125		
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-3656.35252431665	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=3340.37761008409	IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=3340.37761008409	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
460.515895537661	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			S11=-
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-4051.80448497391	IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-4051.80448497391	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=2639.09869875869	IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=2639.09869875869	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-457.390895537661	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-
0.5	S11=-4255.15940115941	IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0.125		
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-4255.15940115941	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=2831.18624877165	IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=2831.18624877165	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
127.299999999999	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			S11=-
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=-666.796522648453	IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-666.796522648453	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=3706.8349311386	IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=3706.8349311386	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-124.174999999996	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=-691.463249202133	IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-691.463249202133	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=3947.04102095047	IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=3947.04102095047	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
541.362588986347	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			S11=-
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-4789.5601091113	IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-4789.5601091113	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=412.196522648533	IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=412.196522648533	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-538.237588986347	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-5023.51619892316	IsS11Max=No	IsS11Min=Yes	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-5023.51619892316	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=443.113249202213	IsS11Max=Yes	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=32	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=443.113249202213	IsS11Max=No	IsS11Min=No	FrameElem=32	ElemStation=0.125			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
412.583137772769	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			S11=-
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=-3656.3525243171	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-3656.3525243171	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=3340.37761008393	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=3340.37761008393	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-409.458137772769	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			



Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-
0.5	S11=-3809.00157536273	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.125		
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-3809.00157536273	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=3552.08245682502	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=3552.08245682502	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
457.390895538115	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			S11=-
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-4255.15940116005	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-4255.15940116005	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=2831.18624877155	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=2831.18624877155	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-454.265895538115	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-
0.5	S11=-4460.61424790114	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.125		
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-4460.61424790114	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=2990.08529981719	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=2990.08529981719	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
124.175000000043	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			S11=-
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=-691.463249202253	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-691.463249202253	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=3947.0410209503	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=3947.0410209503	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
S11=-121.050000000043	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=-717.463656311494	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=-717.463656311494	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=4189.34704131774	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=4189.34704131774	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
538.237588986871	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			S11=-
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-5023.51619892391	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-5023.51619892391	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=443.11324920216	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=443.11324920216	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=-535.112588986871	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5
S11=-5259.57221929135	IsS11Max=No	IsS11Min=Yes	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5
S11=-5259.57221929135	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5
S11=475.363656311401	IsS11Max=Yes	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=33	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5
S11=475.363656311401	IsS11Max=No	IsS11Min=No	FrameElem=33	ElemStation=0.125			
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
379.426771475745	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0			S11=-
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=3638.43277911938	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0			
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5
S11=3638.43277911938	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0			
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5
S11=-3634.36571445465	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0			
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5
S11=-3634.36571445465	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0			
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0
366.926771475745	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5			S11=-
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5
S11=2261.70896602587	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0.5			

Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2261.70896602587	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2509.27443792526	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2509.27443792526	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
421.725210013488	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=2855.85397620531	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=2855.85397620531	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-4462.2250038485	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-4462.2250038485	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
409.225210013488	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=1755.76269967592	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=1755.76269967592	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3060.50119075499	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3060.50119075499	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
204.97090235148	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=4250.58679170493	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=4250.58679170493	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-989.781732211528	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-989.781732211528	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
192.47090235148	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2694.61169109442	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2694.61169109442	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-533.043946254063	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-533.043946254063	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
514.503849485814	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=560.181732210712	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=560.181732210712	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-5177.84161373203	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0				
Frame=34	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-5177.84161373203	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
502.003849485814	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=128.443946253259	IsS11Max=Yes	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=128.443946253259	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3596.86651312151	IsS11Max=No	IsS11Min=Yes	FrameElem=34	ElemStation=0.5				
Frame=34	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3596.86651312151	IsS11Max=No	IsS11Min=No	FrameElem=34	ElemStation=0.5				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
366.926771475759	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2261.70896602594	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2261.70896602594	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-2509.27443792526	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-2509.27443792526	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
354.426771475759	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1423.79579109501	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1423.79579109501	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				

Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1591.88218159374	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1591.88218159374	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
409.225210013473	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=1755.76269967591	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=1755.76269967591	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3060.501190755	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3060.501190755	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
396.725210013473	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=863.370443344394	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=863.370443344394	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2217.2462111219	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2217.2462111219	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
192.470902351494	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=2694.61169109451	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=2694.61169109451	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-533.04394625407	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-533.04394625407	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
179.970902351494	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1702.57522714884	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1702.57522714884	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-196.26117918696	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-196.26117918696	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
502.003849485821	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=128.44394625325	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=128.44394625325	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-3596.86651312153	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0				
Frame=35	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-3596.86651312153	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
489.503849485821	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-183.33882081386	IsS11Max=Yes	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-183.33882081386	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2599.48824447369	IsS11Max=No	IsS11Min=Yes	FrameElem=35	ElemStation=0.5				
Frame=35	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2599.48824447369	IsS11Max=No	IsS11Min=No	FrameElem=35	ElemStation=0.5				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
354.426771475725	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1423.79579109502	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1423.79579109502	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-1591.88218159368	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-1591.88218159368	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
341.926771475725	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=822.429413482843	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=822.429413482843	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-952.572445088212	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.5				

Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-952.572445088212	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
396.725210013423	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=863.370443344431	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=863.370443344431	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2217.24621112187	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2217.24621112187	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
384.225210013423	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=249.06070683896	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=249.06070683896	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1590.87983350969	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1590.87983350969	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
179.970902351436	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=1702.57522714885	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=1702.57522714885	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-196.261179186889	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-196.261179186889	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
167.470902351436	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=972.213559024171	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=972.213559024171	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-49.8169306382962	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-49.8169306382962	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
489.503849485748	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-183.338820813786	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-183.338820813786	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-2599.48824447366	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0				
Frame=36	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-2599.48824447366	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
477.003849485748	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-304.783069362379	IsS11Max=Yes	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-304.783069362379	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1844.12657634899	IsS11Max=No	IsS11Min=Yes	FrameElem=36	ElemStation=0.5				
Frame=36	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1844.12657634899	IsS11Max=No	IsS11Min=No	FrameElem=36	ElemStation=0.5				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
341.926771475759	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=822.429413482846	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=822.429413482846	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-952.572445088294	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-952.572445088294	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
329.426771475759	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=385.350426720038	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=385.350426720038	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-551.719421908118	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-551.719421908118	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				

Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
384.225210013466	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=249.060706838956	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=249.060706838956	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1590.87983350975	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1590.87983350975	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
371.725210013466	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-113.72708437749	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-113.72708437749	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1128.80084674694	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1128.80084674694	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
167.470902351494	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=972.21355902419	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=972.21355902419	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-49.816930638364	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-49.816930638364	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
154.970902351494	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=508.15291003009	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=508.15291003009	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=117.364340923093	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=117.364340923093	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
477.003849485785	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-304.783069362443	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-304.783069362443	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1844.12657634905	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0				
Frame=37	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1844.12657634905	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
464.503849485785	IsS11Max=Yes	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-545.139187834469	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-545.139187834469	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1437.16060900163	IsS11Max=No	IsS11Min=Yes	FrameElem=37	ElemStation=0.5				
Frame=37	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1437.16060900163	IsS11Max=No	IsS11Min=No	FrameElem=37	ElemStation=0.5				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
329.426771475723	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=385.350426720034	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=385.350426720034	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-551.719421908053	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-551.719421908053	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
316.926771475723	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=137.768545897002	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=137.768545897002	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-259.807030665233	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-259.807030665233	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
371.725210013466	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				



Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-113.727084377485	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-113.727084377485	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1128.80084674693	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1128.80084674693	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
359.22521001346	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-374.046512286213	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-374.046512286213	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-856.218965923906	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-856.218965923906	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
154.970902351458	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=508.1529100301	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=508.1529100301	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=117.364340923048	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=117.364340923048	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
142.470902351458	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=465.35068239619	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=465.35068239619	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=538.339995262046	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=538.339995262046	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
464.503849485785	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-545.139187834479	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-545.139187834479	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1437.16060900164	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0				
Frame=38	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1437.16060900164	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
452.003849485785	IsS11Max=Yes	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-950.949277527862	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-950.949277527862	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1369.35838136774	IsS11Max=No	IsS11Min=Yes	FrameElem=38	ElemStation=0.5				
Frame=38	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1369.35838136774	IsS11Max=No	IsS11Min=No	FrameElem=38	ElemStation=0.5				
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
316.926771475716	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0				
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=137.768545897138	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0				
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=137.768545897138	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0				
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-259.807030665214	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0				
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-259.807030665214	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0				
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
304.426771475716	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.5				
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=33.9875554608519	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.5				
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=33.9875554608519	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5				
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-169.221603693027	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5				
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-169.221603693027	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5				
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
359.225210013431	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0				
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-374.046512286217	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0				

Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-374.046512286217	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-856.218965924	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-856.218965924	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
346.725210013431	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-439.631939258404	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-439.631939258404	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-727.437975487714	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-727.437975487714	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
142.47090235145	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=465.350682396294	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=465.350682396294	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=538.339995261985	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=538.339995261985	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
129.97090235145	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=591.477343651369	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=591.477343651369	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=730.295542671901	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=730.295542671901	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
452.003849485727	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-950.949277527883	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-950.949277527883	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-1369.35838136775	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0					
Frame=39	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-1369.35838136775	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
439.503849485727	IsS11Max=Yes	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-1129.88631476023	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-1129.88631476023	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-1470.48504262282	IsS11Max=No	IsS11Min=Yes	FrameElem=39	ElemStation=0.5					
Frame=39	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-1470.48504262282	IsS11Max=No	IsS11Min=No	FrameElem=39	ElemStation=0.5					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
304.426771475741	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=33.9875554608968	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=33.9875554608968	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=-169.221603693028	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=-169.221603693028	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0					
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
291.926771475741	IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0.5					
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=141.453257732556	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.5					
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=141.453257732556	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5					
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=-254.377955806167	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5					
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=-254.377955806167	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
346.725210013424	IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-439.631939258454	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0					
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-439.631939258454	IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0					

Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-727.437975487744		IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-727.437975487744		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
334.225210013424		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-329.475587145314		IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-329.475587145314		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-809.903677759393		IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-809.903677759393		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
129.970902351429		IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=591.477343651452		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=591.477343651452		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=730.295542671961		IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=730.295542671961		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
117.470902351429		IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=953.978696116676		IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=953.978696116676		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=675.24683203537		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=675.24683203537		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
439.503849485691		IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1129.88631476029		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1129.88631476029		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1470.48504262283		IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0			
Frame=40	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1470.48504262283		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
427.003849485691		IsS11Max=Yes	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1057.94819277035		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1057.94819277035		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-1807.98639508805		IsS11Max=No	IsS11Min=Yes	FrameElem=40	ElemStation=0.5			
Frame=40	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-1807.98639508805		IsS11Max=No	IsS11Min=No	FrameElem=40	ElemStation=0.5			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
503.2081377726		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-99.6330869893819		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-99.6330869893819		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-320.243355797557		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-320.243355797557		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0			
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
490.7081377726		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0.5			
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-320.221213625918		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5			
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-320.221213625918		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5			
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=-166.845069895192		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0.5			
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=-166.845069895192		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
548.015895537736		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-756.130239980349		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-756.130239980349		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0			
Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-926.441383853385		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0			

Frame=41	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-926.441383853385		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
535.515895537736		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-884.528525882713		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-884.528525882713		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-680.853257216849		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-680.853257216849		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
214.799999999967		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=881.545465637427		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=881.545465637427		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=802.839225070019		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=802.839225070019		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
202.299999999967		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=473.867670728615		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=473.867670728615		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=488.164160897002		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=488.164160897002		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
628.862588986434		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-1607.70644117406		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-1607.70644117406		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-1778.19661298013		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0				
Frame=41	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-1778.19661298013		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
616.362588986434		IsS11Max=Yes	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-1576.10836827268		IsS11Max=No	IsS11Min=Yes	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-1576.10836827268		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-1332.17271021117		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=41	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-1332.17271021117		IsS11Max=No	IsS11Min=No	FrameElem=41	ElemStation=0.5				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
490.708137772661		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=-320.221213625984		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=-320.221213625984		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=-166.845069895209		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=-166.845069895209		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0				
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
478.208137772661		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.5				
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=-574.385640986198		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0.5				
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=-574.385640986198		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.5				
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=164.83301193152		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0.5				
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=164.83301193152		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0.5				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
535.515895537751		IsS11Max=Yes	IsS11Min=No	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-884.528525882725		IsS11Max=No	IsS11Min=Yes	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-884.528525882725		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-680.853257216906		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0				
Frame=42	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-680.853257216906		IsS11Max=No	IsS11Min=No	FrameElem=42	ElemStation=0				

Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-523.015895537751
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	S11=-1191.20660770945
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	S11=-1191.20660770945
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	S11=-382.030634559125
Frame=42	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	S11=-382.030634559125
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-202.299999999981
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	S11=473.867670728469
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	S11=473.867670728469
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	S11=488.164160896964
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	S11=488.164160896964
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-189.799999999981
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	S11=-87.074077255303
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	S11=-87.074077255303
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	S11=616.817790266339
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	S11=616.817790266339
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-616.362588986449
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	S11=-1576.10836827268
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	S11=-1576.10836827268
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	S11=-1332.17271021132
Frame=42	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	S11=-1332.17271021132
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-603.862588986449
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	S11=-1722.79009129569
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	S11=-1722.79009129569
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	S11=-721.734877965216
Frame=42	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	S11=-721.734877965216
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-478.20813777238
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	S11=-574.385640985901
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	S11=-574.385640985901
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	S11=164.833011931795
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	S11=164.833011931795
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-465.70813777238
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	S11=-897.619918832987
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	S11=-897.619918832987
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	S11=569.066649314195
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	S11=569.066649314195
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-523.015895537456
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	S11=-1191.20660770917
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	S11=-1191.20660770917
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	S11=-382.030634558865
Frame=43	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	S11=-382.030634558865
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-510.515895537456

Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1570.44024509157		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1570.44024509157		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-33.7963567117785		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-33.7963567117785		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
189.799999999887		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-87.0740772549481		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-87.0740772549481		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=616.817790266612		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=616.817790266612		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
177.299999999887		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-49.816930637662		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-49.816930637662		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=861.055068845256		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=861.055068845256		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
603.862588986107		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1722.79009129543		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1722.79009129543		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-721.734877965046		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-721.734877965046		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
591.362588986107		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1942.02736987407		IsS11Max=No	IsS11Min=Yes	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1942.02736987407		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-304.783069362117		IsS11Max=Yes	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=43	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-304.783069362117		IsS11Max=No	IsS11Min=No	FrameElem=43	ElemStation=0.5			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
465.708137772367		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-897.619918832957		IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-897.619918832957		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=569.066649314269		IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=569.066649314269		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
453.208137772367		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5			
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-1384.63214066176		IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.5			
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-1384.63214066176		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5			
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1037.07567604831		IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.5			
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1037.07567604831		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
510.515895537396		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1570.4402450915		IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1570.4402450915		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-33.7963567117804		IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-33.7963567117804		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0			
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
498.015895537396		IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5			
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2013.44927182554		IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.5			

Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2013.44927182554	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=478.215865117022	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=478.215865117022	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
177.299999999851	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-49.816930637624	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-49.816930637624	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=861.05506884534	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=861.05506884534	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
164.799999999851	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-67.1506260707085	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-67.1506260707085	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1245.92382977206	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1245.92382977206	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
591.362588986042	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-1942.027369874	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-1942.027369874	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-304.783069362081	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-304.783069362081	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
578.862588986042	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2383.99081244658	IsS11Max=No	IsS11Min=Yes	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2383.99081244658	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-262.449373928998	IsS11Max=Yes	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=44	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-262.449373928998	IsS11Max=No	IsS11Min=No	FrameElem=44	ElemStation=0.5				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
453.20813777238	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-1384.63214066179	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-1384.63214066179	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1037.0756760483	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1037.0756760483	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
440.70813777238	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-1974.87185064113	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-1974.87185064113	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1594.06980722457	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1594.06980722457	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
498.015895537456	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2013.44927182565	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2013.44927182565	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=478.21586511702	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=478.21586511702	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
485.515895537456	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2545.44340300192	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2545.44340300192	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				



Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=1093.45557509637	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=1093.45557509637	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
164.799999999887	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-67.1506260707429	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-67.1506260707429	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1245.92382977206	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1245.92382977206	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
152.299999999887	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-187.711809654296	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-187.711809654296	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1925.32265545375	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1925.32265545375	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
578.862588986107	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2383.9908124467	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2383.9908124467	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-262.449373929036	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-262.449373929036	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
566.362588986107	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-3038.3896381284	IsS11Max=No	IsS11Min=Yes	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-3038.3896381284	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=-116.888190345484	IsS11Max=Yes	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=45	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=-116.888190345484	IsS11Max=No	IsS11Min=No	FrameElem=45	ElemStation=0.5				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
440.708137772404	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-1974.87185064112	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-1974.87185064112	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=1594.06980722456	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=1594.06980722456	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
428.208137772404	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-2678.69452358363	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-2678.69452358363	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=2318.15094582336	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=2318.15094582336	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
485.515895537456	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-2545.44340300193	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-2545.44340300193	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=1093.4555750963	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=1093.4555750963	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
473.015895537456	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-3264.18273689827	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-3264.18273689827	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5				
Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=1822.27824803882	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.5				

Frame=46	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=1822.27824803882	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
152.299999999887	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=-187.711809654294	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=-187.711809654294	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=1925.32265545373	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=1925.32265545373	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
139.799999999887	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=-421.85595620081	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=-421.85595620081	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=2771.80848855797	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=2771.80848855797	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
566.362588986107	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-3038.38963812841	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-3038.38963812841	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=-116.888190345485	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=-116.888190345485	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
553.862588986107	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-3879.53366653018	IsS11Max=No	IsS11Min=Yes	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-3879.53366653018	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=142.255956201031	IsS11Max=Yes	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=46	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=142.255956201031	IsS11Max=No	IsS11Min=No	FrameElem=46	ElemStation=0.5					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
428.208137772434	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=-2678.69452358361	IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=-2678.69452358361	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=2318.1509458232	IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=2318.1509458232	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-	
415.708137772434	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5		
S11=-3470.5149743036	IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5		
S11=-3470.5149743036	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5		
S11=3130.77269389855	IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5		
S11=3130.77269389855	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
473.015895537563	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-3264.18273689832	IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-3264.18273689832	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=1822.27824803874	IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=1822.27824803874	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
460.515895537563	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5		
S11=-4051.80448497368	IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5		
S11=-4051.80448497368	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5		
S11=2639.09869875872	IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.5					
Frame=47	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5		
S11=2639.09869875872	IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5					



Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
139.799999999894		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-421.855956200817		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-421.855956200817		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=2771.80848855778		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=2771.80848855778		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	S11=-
127.299999999894		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.25	X3=-0.5	
S11=-666.79652264839		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.25	X3=0.5	
S11=-666.79652264839		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.25	X3=-0.5	
S11=3706.83493113856		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.25	X3=0.5	
S11=3706.83493113856		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
553.862588986238		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-3879.53366653025		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-3879.53366653025		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=142.255956201026		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=142.255956201026		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
541.362588986238		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.25	X3=-0.5	
S11=-4789.56010911103		IsS11Max=No	IsS11Min=Yes	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.25	X3=0.5	
S11=-4789.56010911103		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.25	X3=-0.5	
S11=412.196522648601		IsS11Max=Yes	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=47	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.25	X3=0.5	
S11=412.196522648601		IsS11Max=No	IsS11Min=No	FrameElem=47	ElemStation=0.5			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691021		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=3062.91430382708		IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=3062.91430382708		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-2258.23869956046		IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-2258.23869956046		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691021		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=2629.72271864969		IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=2629.72271864969		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-1854.54459208311		IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-1854.54459208311		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367765		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=2283.78295638052		IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=2283.78295638052		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-3073.68977846087		IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0			
Frame=66	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-3073.68977846087		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-73.9173482367765		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=1880.08884890317		IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=1880.08884890317		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-2640.49819328348		IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-2640.49819328348		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125			
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837368		IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0			



Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=3569.25573822636	IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=3569.25573822636	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-486.232175336058	IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-486.232175336058	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837368	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=3079.88670289341	IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=3079.88670289341	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-275.429928550079	IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-275.429928550079	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902833	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=381.310174824006	IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=381.310174824006	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-3546.02990883087	IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0				
Frame=66	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-3546.02990883087	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-139.150476902833	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=170.507928038027	IsS11Max=Yes	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=170.507928038027	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-3056.66087349793	IsS11Max=No	IsS11Min=Yes	FrameElem=66	ElemStation=0.125				
Frame=66	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-3056.66087349793	IsS11Max=No	IsS11Min=No	FrameElem=66	ElemStation=0.125				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691024	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-796.75712149794	IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-796.75712149794	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1350.63535946269	IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1350.63535946269	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691024	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-339.620369744555	IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-339.620369744555	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=858.941179930179	IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=858.941179930179	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367762	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1351.15637594389	IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1351.15637594389	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=648.922425024388	IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=648.922425024388	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-73.9173482367762	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-859.462196411374	IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-859.462196411374	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=191.785673271003	IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=191.785673271003	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125				
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837372	IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0				
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=451.293708363141	IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0				

Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=451.293708363141		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0			
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1885.74136984438		IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0			
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1885.74136984438		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837372		IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=662.593256831617		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=662.593256831617		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1485.62653147684		IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1485.62653147684		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=139.150476902835		IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0			
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1875.43629250797		IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0			
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1875.43629250797		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0			
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-729.59466216881		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0			
Frame=68	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-729.59466216881		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-139.150476902835		IsS11Max=Yes	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1476.16812181676		IsS11Max=No	IsS11Min=Yes	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1476.16812181676		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-940.894210637286		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=68	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-940.894210637286		IsS11Max=No	IsS11Min=No	FrameElem=68	ElemStation=0.125			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691031		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-339.620369744654		IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-339.620369744654		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=858.941179930227		IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=858.941179930227		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691031		IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=196.027469748546		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=196.027469748546		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=333.549854501205		IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=333.549854501205		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=73.9173482367792		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-859.462196411421		IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-859.462196411421		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=191.785673271096		IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=191.785673271096		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-73.9173482367792		IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-339.609839900546		IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-339.609839900546		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-338.323197303956		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0.125	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-338.323197303956		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125			
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837382		IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=662.593256831593		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=662.593256831593		IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0			

Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1485.62653147688	IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0				
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1485.62653147688	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837382	IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=887.376989733906	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=887.376989733906	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1033.66299547787	IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1033.66299547787	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902835	IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0				
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1476.1681218168	IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0				
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1476.1681218168	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0				
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-940.894210637263	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0				
Frame=69	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-940.894210637263	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	
S11=-139.150476902835	IsS11Max=Yes	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1025.72842125935	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1025.72842125935	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-1165.67794353958	IsS11Max=No	IsS11Min=Yes	FrameElem=69	ElemStation=0.125				
Frame=69	Station=0.125	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-1165.67794353958	IsS11Max=No	IsS11Min=No	FrameElem=69	ElemStation=0.125				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691021	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=2629.72271864977	IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=2629.72271864977	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-1854.54459208307	IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-1854.54459208307	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691021	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=963.469412945199	IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=963.469412945199	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-290.024220032679	IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-290.024220032679	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367765	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=1880.08884890313	IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=1880.08884890313	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-2640.49819328355	IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-2640.49819328355	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367765	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=321.107445770883	IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=321.107445770883	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-979.783856497124	IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-979.783856497124	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5				
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837368	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=3079.88670289351	IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=3079.88670289351	IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0				
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-275.429928550052	IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0				



Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-275.429928550052		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837368		IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=1653.82297798866		IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=1653.82297798866		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=431.210609980995		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=431.210609980995		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902833		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0			
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=170.507928038		IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0			
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=170.507928038		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0			
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-3056.66087349803		IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0			
Frame=70	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-3056.66087349803		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902833		IsS11Max=Yes	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-536.132610493048		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-536.132610493048		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-1639.78161571268		IsS11Max=No	IsS11Min=Yes	FrameElem=70	ElemStation=0.5			
Frame=70	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-1639.78161571268		IsS11Max=No	IsS11Min=No	FrameElem=70	ElemStation=0.5			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=963.469412945282		IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=963.469412945282		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=-290.024220032678		IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=-290.024220032678		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-475.099236502824		IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-475.099236502824		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1145.12209054562		IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1145.12209054562		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367768		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=321.10744577088		IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=321.10744577088		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-979.783856497208		IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-979.783856497208		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367768		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1114.03886480742		IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1114.03886480742		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=458.784792950898		IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=458.784792950898		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5			
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837357		IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=1653.82297798871		IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=1653.82297798871		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=431.210609980961		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=431.210609980961		IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0			

Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837357	IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=294.441747853231	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=294.441747853231	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1802.74112888543	IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1802.74112888543	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=139.150476902834	IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0				
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-536.132610493014	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0				
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-536.132610493014	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0				
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-1639.78161571273	IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0				
Frame=71	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-1639.78161571273	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=139.150476902834	IsS11Max=Yes	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1816.10133614826	IsS11Max=No	IsS11Min=Yes	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1816.10133614826	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-289.993830510517	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=71	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-289.993830510517	IsS11Max=No	IsS11Min=No	FrameElem=71	ElemStation=0.5				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-475.099236502805	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-475.099236502805	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1145.12209054561	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1145.12209054561	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-1691.3449899181	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-1691.3449899181	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=2298.32434412548	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=2298.32434412548	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=73.9173482367768	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1114.0388648074	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1114.0388648074	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=458.784792950879	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=458.784792950879	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=73.9173482367768	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-2267.24111838728	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-2267.24111838728	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=1675.03054636617	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=1675.03054636617	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837357	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=294.441747853237	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=294.441747853237	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1802.7411288854	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1802.7411288854	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837357	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				



Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-925.130012755348	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-925.130012755348	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=2874.9264576036	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=2874.9264576036	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902834	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1816.10133614823	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1816.10133614823	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-289.993830510524	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-289.993830510524	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902834	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-2888.28666486643	IsS11Max=No	IsS11Min=Yes	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-2888.28666486643	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=782.607301285844	IsS11Max=Yes	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=72	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=782.607301285844	IsS11Max=No	IsS11Min=No	FrameElem=72	ElemStation=0.5				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-1691.34498991808	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-1691.34498991808	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=2298.32434412542	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=2298.32434412542	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-2588.28396212976	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-2588.28396212976	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3099.61685871657	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3099.61685871657	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.917348236777	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-2267.24111838722	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-2267.24111838722	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=1675.03054636615	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=1675.03054636615	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.917348236777	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3068.53363297837	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3068.53363297837	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=2440.44926565621	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=2440.44926565621	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837358	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-925.130012755346	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-925.130012755346	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=2874.92645760353	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=2874.92645760353	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837358	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-1160.44834667995	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0.5				



Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-1160.44834667995	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3544.35382309016	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3544.35382309016	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902834	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-2888.28666486636	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-2888.28666486636	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=782.607301285824	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=782.607301285824	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902834	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3520.18820196165	IsS11Max=No	IsS11Min=Yes	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3520.18820196165	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=882.147392874281	IsS11Max=Yes	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=73	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=882.147392874281	IsS11Max=No	IsS11Min=No	FrameElem=73	ElemStation=0.5				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-2588.28396212975	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-2588.28396212975	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3099.61685871659	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3099.61685871659	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691012	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-2952.14533882737	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-2952.14533882737	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3473.18536084123	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3473.18536084123	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367771	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3068.53363297838	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3068.53363297838	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=2440.4492656562	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=2440.4492656562	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367771	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3442.10213510303	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3442.10213510303	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=2804.31064235381	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=2804.31064235381	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837357	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-1160.44834667994	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-1160.44834667994	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3544.35382309018	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3544.35382309018	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837357	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-1061.23172890615	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-1061.23172890615	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				

Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=4035.73621570904	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=4035.73621570904	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=139.150476902834	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3520.18820196166	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3520.18820196166	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=882.147392874266	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=882.147392874266	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=139.150476902834	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3970.65168594157	IsS11Max=No	IsS11Min=Yes	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3970.65168594157	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=782.930775100483	IsS11Max=Yes	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=74	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=782.930775100483	IsS11Max=No	IsS11Min=No	FrameElem=74	ElemStation=0.5				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691013	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-2952.14533882736	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-2952.14533882736	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3473.18536084124	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3473.18536084124	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691013	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-2834.48664787866	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-2834.48664787866	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3419.72355218865	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3419.72355218865	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=73.9173482367773	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3442.10213510304	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3442.10213510304	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=2804.31064235381	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=2804.31064235381	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
S11=73.9173482367773	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3420.24456866985	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3420.24456866985	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=2686.6519514051	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=2686.6519514051	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837359	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-1061.23172890617	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-1061.23172890617	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=4035.73621570905	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=4035.73621570905	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0				
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837359	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-762.268729041991	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-762.268729041991	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5				
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=4021.51392787452	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0.5				



Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5		
S11=4021.51392787452	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5					
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
139.150476902835	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0					
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5		
S11=-3970.65168594157	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0					
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5		
S11=-3970.65168594157	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0					
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5		
S11=782.930775100498	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0					
Frame=75	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5		
S11=782.930775100498	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0					
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
139.150476902835	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5					
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5		
S11=-3988.03364032645	IsS11Max=No	IsS11Min=Yes	FrameElem=75	ElemStation=0.5					
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5		
S11=-3988.03364032645	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5					
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5		
S11=483.967775236322	IsS11Max=Yes	IsS11Min=No	FrameElem=75	ElemStation=0.5					
Frame=75	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5		
S11=483.967775236322	IsS11Max=No	IsS11Min=No	FrameElem=75	ElemStation=0.5					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=15.5416128691013	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5		
S11=-2834.48664787866	IsS11Max=No	IsS11Min=Yes	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5		
S11=-2834.48664787866	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5		
S11=3419.7235521886	IsS11Max=Yes	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5		
S11=3419.7235521886	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=15.5416128691013	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5		
S11=-2147.62855739299	IsS11Max=No	IsS11Min=Yes	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5		
S11=-2147.62855739299	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5		
S11=2764.53559574351	IsS11Max=Yes	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5		
S11=2764.53559574351	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
73.9173482367774	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5		
S11=-3420.24456866979	IsS11Max=No	IsS11Min=Yes	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5		
S11=-3420.24456866979	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5		
S11=2686.65195140511	IsS11Max=Yes	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5		
S11=2686.65195140511	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-	
73.9173482367774	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5		
S11=-2765.05661222471	IsS11Max=No	IsS11Min=Yes	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5		
S11=-2765.05661222471	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5		
S11=1999.79386091943	IsS11Max=Yes	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5		
S11=1999.79386091943	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=32.5422648837359	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5		
S11=-762.268729041961	IsS11Max=No	IsS11Min=Yes	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5		
S11=-762.268729041961	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5		
S11=4021.51392787446	IsS11Max=Yes	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5		
S11=4021.51392787446	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0					
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0		
S11=32.5422648837359	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5		
S11=-259.867828658724	IsS11Max=No	IsS11Min=Yes	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5		
S11=-259.867828658724	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5		
S11=3305.10564028145	IsS11Max=Yes	IsS11Min=No	FrameElem=76	ElemStation=0.5					
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5		
S11=3305.10564028145	IsS11Max=No	IsS11Min=No	FrameElem=76	ElemStation=0.5					

Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902835	Iss11Max=No	Iss11Min=No	FrameElem=76	ElemStation=0				
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3988.03364032639	Iss11Max=No	Iss11Min=Yes	FrameElem=76	ElemStation=0				
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3988.03364032639	Iss11Max=No	Iss11Min=No	FrameElem=76	ElemStation=0				
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=483.967775236291	Iss11Max=Yes	Iss11Min=No	FrameElem=76	ElemStation=0				
Frame=76	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=483.967775236291	Iss11Max=No	Iss11Min=No	FrameElem=76	ElemStation=0				
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902835	Iss11Max=No	Iss11Min=No	FrameElem=76	ElemStation=0.5				
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-3271.62535273338	Iss11Max=No	Iss11Min=Yes	FrameElem=76	ElemStation=0.5				
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-3271.62535273338	Iss11Max=No	Iss11Min=No	FrameElem=76	ElemStation=0.5				
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=-18.4331251469463	Iss11Max=Yes	Iss11Min=No	FrameElem=76	ElemStation=0.5				
Frame=76	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=-18.4331251469463	Iss11Max=No	Iss11Min=No	FrameElem=76	ElemStation=0.5				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691024	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-2147.62855739312	Iss11Max=No	Iss11Min=Yes	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-2147.62855739312	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=2764.53559574356	Iss11Max=Yes	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=2764.53559574356	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=15.5416128691024	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-796.757121497978	Iss11Max=No	Iss11Min=Yes	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-796.757121497978	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1350.63535946261	Iss11Max=Yes	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1350.63535946261	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367764	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-2765.05661222475	Iss11Max=No	Iss11Min=Yes	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-2765.05661222475	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=1999.79386091957	Iss11Max=Yes	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=1999.79386091957	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
73.9173482367764	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5	
S11=-1351.1563759438	Iss11Max=No	Iss11Min=Yes	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5	
S11=-1351.1563759438	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5	
S11=648.922425024425	Iss11Max=Yes	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5	
S11=648.922425024425	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837373	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=-259.867828658727	Iss11Max=No	Iss11Min=Yes	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=-259.867828658727	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=3305.1056402815	Iss11Max=Yes	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=3305.1056402815	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=0	X2=0	X3=0	
S11=32.5422648837373	Iss11Max=No	Iss11Min=Yes	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=1	X2=-0.3	X3=-0.5	
S11=451.293708363116	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=2	X2=-0.3	X3=0.5	
S11=451.293708363116	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=3	X2=0.3	X3=-0.5	
S11=1885.74136984438	Iss11Max=Yes	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	Point=4	X2=0.3	X3=0.5	
S11=1885.74136984438	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0.5				
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0	S11=-
139.150476902835	Iss11Max=No	Iss11Min=No	FrameElem=77	ElemStation=0				

Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5
S11=-3271.62535273343	IsS11Max=No	IsS11Min=Yes	FrameElem=77	ElemStation=0			
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5
S11=-3271.62535273343	IsS11Max=No	IsS11Min=No	FrameElem=77	ElemStation=0			
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5
S11=-18.4331251469428	IsS11Max=Yes	IsS11Min=No	FrameElem=77	ElemStation=0			
Frame=77	Station=0	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5
S11=-18.4331251469428	IsS11Max=No	IsS11Min=No	FrameElem=77	ElemStation=0			
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=0	X2=0	X3=0
S11=139.150476902835	IsS11Max=Yes	IsS11Min=No	FrameElem=77	ElemStation=0.5			
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=1	X2=-0.3	X3=-0.5
S11=-1875.43629250798	IsS11Max=No	IsS11Min=Yes	FrameElem=77	ElemStation=0.5			
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=2	X2=-0.3	X3=0.5
S11=-1875.43629250798	IsS11Max=No	IsS11Min=No	FrameElem=77	ElemStation=0.5			
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=3	X2=0.3	X3=-0.5
S11=-729.594662168785	IsS11Max=No	IsS11Min=No	FrameElem=77	ElemStation=0.5			
Frame=77	Station=0.5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	Point=4	X2=0.3	X3=0.5
S11=-729.594662168785	IsS11Max=No	IsS11Min=No	FrameElem=77	ElemStation=0.5			

TABLE: "ELEMENT JOINT FORCES - FRAMES"

Frame=1	Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420659	F2=0	F3=-
192.462638438672	M1=0	M2=210.266489786403	M3=0	FrameElem=1			
Frame=1	Joint=2	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146126	F2=0	
F3=213.962761481909	M1=0	M2=-136.260649678226	M3=0	FrameElem=1			
Frame=1	Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146126	F2=0	F3=-
212.087761481909	M1=0	M2=160.887840891948	M3=0	FrameElem=1			
Frame=1	Joint=2	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420659	F2=0	
F3=194.337638438672	M1=0	M2=-184.098122468641	M3=0	FrameElem=1			
Frame=1	Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417	F2=0	F3=-
103.251895796229	M1=0	M2=242.912219912478	M3=0	FrameElem=1			
Frame=1	Joint=2	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302421	F2=0	
F3=257.24423432548	M1=0	M2=-26.0262705048005	M3=0	FrameElem=1			
Frame=1	Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302421	F2=0	F3=-
255.36923432548	M1=0	M2=39.5021188882146	M3=0	FrameElem=1			
Frame=1	Joint=2	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417	F2=0	
F3=105.126895796229	M1=0	M2=-213.45856941172	M3=0	FrameElem=1			
Frame=12	Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-90.1759244877866	F2=0	
F3=214.612605006708	M1=0	M2=-160.887840891946	M3=0	FrameElem=12			
Frame=12	Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=138.310638433765	F2=0	
F3=-191.588385737867	M1=0	M2=188.859415962976	M3=0	FrameElem=12			
Frame=12	Joint=1	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-147.148994026764	F2=0	
F3=193.463385737867	M1=0	M2=-210.266489786406	M3=0	FrameElem=12			
Frame=12	Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=85.5709077884327	F2=0	
F3=-212.737605006708	M1=0	M2=147.707743054563	M3=0	FrameElem=12			
Frame=12	Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-26.4366001536136	F2=0	
F3=261.001924742914	M1=0	M2=-39.5021188882141	M3=0	FrameElem=12			
Frame=12	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=154.923445626997	F2=0	F3=-
104.360451175758	M1=0	M2=218.966110012875	M3=0	FrameElem=12			
Frame=12	Joint=1	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-164.390001182553	F2=0	
F3=106.235451175758	M1=0	M2=-242.912219912481	M3=0	FrameElem=12			
Frame=12	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=24.025183486947	F2=0	F3=-
259.126924742914	M1=0	M2=35.7183996985055	M3=0	FrameElem=12			
Frame=13	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=41.1266186164248	F2=0	
F3=150.731604809113	M1=0	M2=-2.88279821556659	M3=0	FrameElem=13			
Frame=13	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-13.9350264661048	F2=0	
F3=-122.121885479281	M1=0	M2=9.58246207959361	M3=0	FrameElem=13			
Frame=13	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=12.8240264495496	F2=0	
F3=131.270385565499	M1=0	M2=-27.7994439244587	M3=0	FrameElem=13			
Frame=13	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-42.1746186320412	F2=0	
F3=-140.740104710333	M1=0	M2=-12.954218724732	M3=0	FrameElem=13			
Frame=13	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.521589278418	F2=0	
F3=193.806924742738	M1=0	M2=30.7665967861986	M3=0	FrameElem=13			
Frame=13	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-3.72939046626835	F2=0	
F3=-52.2479511756723	M1=0	M2=47.7284961396974	M3=0	FrameElem=13			
Frame=13	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=2.34064046626835	F2=0	
F3=55.6104511756723	M1=0	M2=-71.2263148575392	M3=0	FrameElem=13			
Frame=13	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.521589278418	F2=0	F3=-
182.158174742738	M1=0	M2=-41.0412304894062	M3=0	FrameElem=13			
Frame=14	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=42.1746186319894	F2=0	
F3=140.740104710266	M1=0	M2=12.9542187247285	M3=0	FrameElem=14			
Frame=14	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-15.0460264826897	F2=0	
F3=-112.973385393027	M1=0	M2=-7.38558225301668	M3=0	FrameElem=14			
Frame=14	Joint=15	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=13.9350264661345	F2=0	
F3=122.121885479245	M1=0	M2=-9.58246207959279	M3=0	FrameElem=14			
Frame=14	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-43.2226186476058	F2=0	
F3=-130.748604611486	M1=0	M2=-27.6476731542429	M3=0	FrameElem=14			
Frame=14	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.5215892785312	F2=0	
F3=182.158174742609	M1=0	M2=41.0412304894051	M3=0	FrameElem=14			
Frame=14	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-5.11814046631515	F2=0	
F3=-48.8854511756224	M1=0	M2=27.3260706944556	M3=0	FrameElem=14			
Frame=14	Joint=15	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=3.72939046631515	F2=0	
F3=52.2479511756224	M1=0	M2=-47.7284961396982	M3=0	FrameElem=14			

Frame=14	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.5215892785312	F2=0
F3=-170.509424742609	M1=0	M2=-50.6199384449097	M3=0	FrameElem=14		
Frame=15	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=43.2226186477881	F2=0
F3=130.748604611516	M1=0	M2=27.6476731542424	M3=0	FrameElem=15		
Frame=15	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-19.4900265489252	F2=0
F3=-76.3793850481294	M1=0	M2=-59.2445269834898	M3=0	FrameElem=15		
Frame=15	Joint=16	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=15.0460264827045	F2=0
F3=112.973385393002	M1=0	M2=7.38558225301605	M3=0	FrameElem=15		
Frame=15	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-47.4146187102537	F2=0
F3=-90.7826042163972	M1=0	M2=-78.5097232410288	M3=0	FrameElem=15		
Frame=15	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.5215892785901	F2=0
F3=170.509424742632	M1=0	M2=50.61993844491	M3=0	FrameElem=15		
Frame=15	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-9.63382922636068	F2=0
F3=-35.4354511756009	M1=0	M2=1.30538337741482	M3=0	FrameElem=15		
Frame=15	Joint=16	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=5.11814046631428	F2=0
F3=48.8854511756009	M1=0	M2=-27.3260706944572	M3=0	FrameElem=15		
Frame=15	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.5215892785901	F2=0
F3=-123.914424742632	M1=0	M2=-94.5281640069138	M3=0	FrameElem=15		
Frame=16	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=47.4146187102227	F2=0
F3=90.7826042163791	M1=0	M2=78.5097232410277	M3=0	FrameElem=16		
Frame=16	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-23.9340266151634	F2=0
F3=-39.7853847032566	M1=0	M2=-90.7429938335362	M3=0	FrameElem=16		
Frame=16	Joint=17	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=19.4900265489426	F2=0
F3=76.379385048129	M1=0	M2=59.2445269834892	M3=0	FrameElem=16		
Frame=16	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-51.6066187726884	F2=0
F3=-50.8166038212599	M1=0	M2=-112.451125833841	M3=0	FrameElem=16		
Frame=16	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.5215892785607	F2=0
F3=123.91442474261	M1=0	M2=94.5281640069124	M3=0	FrameElem=16		
Frame=16	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-10.6038124006144	F2=0
F3=-13.4156466280954	M1=0	M2=-15.5071166225821	M3=0	FrameElem=16		
Frame=16	Joint=17	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=9.63382922638581	F2=0
F3=35.435451175593	M1=0	M2=-1.30538337741482	M3=0	FrameElem=16		
Frame=16	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.5215892785607	F2=0
F3=-77.3194247426098	M1=0	M2=-133.116391755864	M3=0	FrameElem=16		
Frame=17	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=51.6066187727275	F2=0
F3=50.8166038212541	M1=0	M2=112.451125833842	M3=0	FrameElem=17		
Frame=17	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-28.3493799317331	F2=0
F3=-3.19138435838121	M1=0	M2=-103.944460511143	M3=0	FrameElem=17		
Frame=17	Joint=18	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=23.9340266151811	F2=0
F3=39.7853847032537	M1=0	M2=90.7429938335367	M3=0	FrameElem=17		
Frame=17	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-55.7986188351932	F2=0
F3=-10.8506034261349	M1=0	M2=-127.867927645687	M3=0	FrameElem=17		
Frame=17	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.5215892785898	F2=0
F3=77.319424742605	M1=0	M2=133.116391755865	M3=0	FrameElem=17		
Frame=17	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-10.6038124006144	F2=0
F3=13.7776000252227	M1=0	M2=-25.5946166225786	M3=0	FrameElem=17		
Frame=17	Joint=18	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=10.6038124006144	F2=0
F3=13.4156466280892	M1=0	M2=15.5071166225829	M3=0	FrameElem=17		
Frame=17	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.5215892785898	F2=0
F3=-30.724424742605	M1=0	M2=-149.865518921406	M3=0	FrameElem=17		
Frame=18	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=55.7986188352088	F2=0
F3=10.8506034261602	M1=0	M2=127.867927645686	M3=0	FrameElem=18		
Frame=18	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-32.5413799942147	F2=0
F3=34.0299457933602	M1=0	M2=-98.8489270163229	M3=0	FrameElem=18		
Frame=18	Joint=19	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=28.349379931749	F2=0
F3=3.1913843584041	M1=0	M2=103.944460511139	M3=0	FrameElem=18		
Frame=18	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-59.9906188976745	F2=0
F3=28.4880671620672	M1=0	M2=-123.301729259985	M3=0	FrameElem=18		
Frame=18	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.5215892786187	F2=0
F3=30.7244247426318	M1=0	M2=149.865518921405	M3=0	FrameElem=18		
Frame=18	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-10.6038124006145	F2=0
F3=42.6505271860627	M1=0	M2=-28.9571166225799	M3=0	FrameElem=18		
Frame=18	Joint=19	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=10.6038124006145	F2=0
13.7776000252012	M1=0	M2=25.5946166225771	M3=0	FrameElem=18		F3=-
Frame=18	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.5215892786187	F2=0
F3=-7.75705604154026E-12	M1=0	M2=-143.317146086962	M3=0	FrameElem=18		
Frame=19	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=59.9906188976671	F2=0
F3=-28.4880671620784	M1=0	M2=123.301729259983	M3=0	FrameElem=19		
Frame=19	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-36.7333800566728	F2=0
F3=73.9959461884836	M1=0	M2=-75.4563933490642	M3=0	FrameElem=19		
Frame=19	Joint=20	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=32.5413799942071	F2=0
F3=-34.0299457933644	M1=0	M2=98.8489270163224	M3=0	FrameElem=19		
Frame=19	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-64.1826189601328	F2=0
F3=65.0820675069509	M1=0	M2=-98.7525306767213	M3=0	FrameElem=19		
Frame=19	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.5215892785897	F2=0
F3=2.78976841691337E-12	M1=0	M2=143.31714608696	M3=0	FrameElem=19		
Frame=19	Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-10.6038124006144	F2=0
F3=87.9037944932895	M1=0	M2=-25.5946166225794	M3=0	FrameElem=19		
Frame=19	Joint=20	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=10.6038124006144	F2=0
42.6505271860706	M1=0	M2=28.9571166225788	M3=0	FrameElem=19		F3=-
Frame=19	Joint=21	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-70.7150103874463	F2=0
F3=13.4499999999972	M1=0	M2=-123.65098004911	M3=0	FrameElem=19		



Frame=20	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=64.1826189601256	F2=0	
F3=-65.0820675069542	M1=0	M2=98.7525306767228	M3=0	FrameElem=20			
Frame=20	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-40.9253801191309	F2=0	
F3=113.961946583604	M1=0	M2=-31.7975944763078	M3=0	FrameElem=20			
Frame=20	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=36.7333800566652	F2=0	
F3=-73.995946188485	M1=0	M2=75.4563933490652	M3=0	FrameElem=20			
Frame=20	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-68.3746190225913	F2=0	
F3=101.676067851827	M1=0	M2=-54.2203318958983	M3=0	FrameElem=20			
Frame=20	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=70.7150103874372	F2=0	F3=-
13.4499999999993	M1=0	M2=123.650980049112	M3=0	FrameElem=20			
Frame=20	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-10.6038124006142	F2=0	
F3=134.498794493291	M1=0	M2=-7.57478200504505	M3=0	FrameElem=20			
Frame=20	Joint=21	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=10.6038124006142	F2=0	F3=-
87.9037944932906	M1=0	M2=25.5946166225803	M3=0	FrameElem=20			
Frame=20	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-75.9550103874372	F2=0	
F3=26.8999999999993	M1=0	M2=-80.7694424204219	M3=0	FrameElem=20			
Frame=21	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=68.3746190226299	F2=0	
F3=-101.676067851829	M1=0	M2=54.2203318958966	M3=0	FrameElem=21			
Frame=21	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-45.117380181636	F2=0	
F3=153.927946978731	M1=0	M2=30.6462139480253	M3=0	FrameElem=21			
Frame=21	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=40.9253801191704	F2=0	
F3=-113.961946583612	M1=0	M2=31.7975944763059	M3=0	FrameElem=21			
Frame=21	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-72.5666190850955	F2=0	
F3=138.270068196701	M1=0	M2=10.2948670824873	M3=0	FrameElem=21			
Frame=21	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=75.9550103874856	F2=0	F3=-
26.9000000000027	M1=0	M2=80.7694424204201	M3=0	FrameElem=21			
Frame=21	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-10.6038124006146	F2=0	
F3=181.0937944933	M1=0	M2=47.2746702175129	M3=0	FrameElem=21			
Frame=21	Joint=22	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=10.6038124006146	F2=0	F3=-
134.4987944933	M1=0	M2=7.57478200504547	M3=0	FrameElem=21			
Frame=21	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-81.1950103874856	F2=0	
F3=40.3500000000027	M1=0	M2=-16.0759121214297	M3=0	FrameElem=21			
Frame=22	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=72.5666190850675	F2=0	
F3=-138.27006819671	M1=0	M2=-10.2948670824868	M3=0	FrameElem=22			
Frame=22	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-49.3093802440727	F2=0	
F3=193.893947373848	M1=0	M2=115.959819480331	M3=0	FrameElem=22			
Frame=22	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=45.117380181607	F2=0	F3=-
153.927946978729	M1=0	M2=-30.6462139480244	M3=0	FrameElem=22			
Frame=22	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-76.7586191475332	F2=0	
F3=174.864068541583	M1=0	M2=94.7930662584304	M3=0	FrameElem=22			
Frame=22	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=81.1950103874504	F2=0	F3=-
40.3500000000034	M1=0	M2=16.07591212143	M3=0	FrameElem=22			
Frame=22	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-10.603812400615	F2=0	
F3=227.688794493297	M1=0	M2=137.018098472728	M3=0	FrameElem=22			
Frame=22	Joint=23	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=10.603812400615	F2=0	F3=-
181.093794493297	M1=0	M2=-47.2746702175139	M3=0	FrameElem=22			
Frame=22	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-86.4350103874504	F2=0	
F3=53.8000000000034	M1=0	M2=10.5599440129832	M3=0	FrameElem=22			
Frame=23	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=76.7586191478794	F2=0	
F3=-174.864068541527	M1=0	M2=-94.7930662584265	M3=0	FrameElem=23			
Frame=23	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-50.3573802600319	F2=0	
F3=203.885447472613	M1=0	M2=140.821031658228	M3=0	FrameElem=23			
Frame=23	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=49.3093802444155	F2=0	
F3=-193.893947373834	M1=0	M2=-115.959819480328	M3=0	FrameElem=23			
Frame=23	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-77.8066191634958	F2=0	
F3=184.012568627745	M1=0	M2=118.074290899067	M3=0	FrameElem=23			
Frame=23	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=86.4350103878828	F2=0	F3=-
53.8000000000022	M1=0	M2=-10.5599440129823	M3=0	FrameElem=23			
Frame=23	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-10.6038124006133	F2=0	
F3=239.33754449328	M1=0	M2=166.207244659382	M3=0	FrameElem=23			
Frame=23	Joint=24	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=10.6038124006133	F2=0	F3=-
227.68879449328	M1=0	M2=-137.018098472726	M3=0	FrameElem=23			
Frame=23	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-87.7450103878828	F2=0	
F3=57.1625000000022	M1=0	M2=17.495100262982	M3=0	FrameElem=23			
Frame=24	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=77.8066191631654	F2=0	
F3=-184.012568627639	M1=0	M2=-118.074290899067	M3=0	FrameElem=24			
Frame=24	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-51.4053802753217	F2=0	
F3=213.876947571282	M1=0	M2=166.931181348457	M3=0	FrameElem=24			
Frame=24	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=50.3573802597053	F2=0	
F3=-203.885447472502	M1=0	M2=-140.821031658225	M3=0	FrameElem=24			
Frame=24	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-78.8546191787818	F2=0	
F3=193.161068713857	M1=0	M2=141.647643232909	M3=0	FrameElem=24			
Frame=24	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=87.7450103874702	F2=0	F3=-
57.1624999999506	M1=0	M2=-17.4951002629813	M3=0	FrameElem=24			
Frame=24	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-10.603812400615	F2=0	
F3=250.986294493155	M1=0	M2=196.852484596017	M3=0	FrameElem=24			
Frame=24	Joint=25	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=10.603812400615	F2=0	F3=-
239.337544493155	M1=0	M2=-166.207244659378	M3=0	FrameElem=24			
Frame=24	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-89.0550103874702	F2=0	
F3=60.5249999999506	M1=0	M2=24.8505690129761	M3=0	FrameElem=24			
Frame=25	Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-85.5709077884376	F2=0	
F3=212.737605006696	M1=0	M2=-147.707743054564	M3=0	FrameElem=25			



Frame=25	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=129.664171729659	F2=0	
F3=-189.713385737824	M1=0	M2=168.76370381183	M3=0	FrameElem=25			
Frame=25	Joint=29	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-138.31063843377	F2=0	
F3=191.588385737824	M1=0	M2=-188.859415962976	M3=0	FrameElem=25			
Frame=25	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=81.0390577557504	F2=0	
F3=-210.862605006696	M1=0	M2=135.212910222082	M3=0	FrameElem=25			
Frame=25	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-24.0251834869469	F2=0	
F3=259.126924742856	M1=0	M2=-35.7183996985055	M3=0	FrameElem=25			
Frame=25	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=145.648778960336	F2=0	F3=-
102.485451175714	M1=0	M2=196.425591779935	M3=0	FrameElem=25			
Frame=25	Joint=29	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-154.923445627003	F2=0	
F3=104.360451175714	M1=0	M2=-218.966110012875	M3=0	FrameElem=25			
Frame=25	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=21.6869334869469	F2=0	F3=-
257.251924742856	M1=0	M2=32.2909055087968	M3=0	FrameElem=25			
Frame=27	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=28.6126061455921	F2=0	
F3=167.112605006807	M1=0	M2=1.56453398622499	M3=0	FrameElem=27			
Frame=27	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-6.23087127487996	F2=0	
F3=-144.400885737818	M1=0	M2=23.6058771525663	M3=0	FrameElem=27			
Frame=27	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=3.71825921743133	F2=0	
F3=145.963385737818	M1=0	M2=-19.8199361560801	M3=0	FrameElem=27			
Frame=27	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-31.9402404360544	F2=0	
F3=-165.550105006807	M1=0	M2=0.47194422716211	M3=0	FrameElem=27			
Frame=27	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=50.9125769326232	F2=0	
F3=213.501924742944	M1=0	M2=36.0670460651222	M3=0	FrameElem=27			
Frame=27	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=3.56701454499053	F2=0	F3=-
57.1729511756852	M1=0	M2=64.1470954930135	M3=0	FrameElem=27			
Frame=27	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-5.63647979552898	F2=0	
F3=58.7354511756852	M1=0	M2=-57.5409394000984	M3=0	FrameElem=27			
Frame=27	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-54.7637111918825	F2=0	
F3=-211.939424742944	M1=0	M2=-33.7503606689246	M3=0	FrameElem=27			
Frame=28	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=31.9402404361313	F2=0	
F3=165.550105006624	M1=0	M2=-0.471944227159311	M3=0	FrameElem=28			
Frame=28	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-8.47802639479001	F2=0	
F3=-142.838385737882	M1=0	M2=27.7994439245629	M3=0	FrameElem=28			
Frame=28	Joint=32	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=6.2308712749581	F2=0	
F3=144.400885737882	M1=0	M2=-23.6058771525602	M3=0	FrameElem=28			
Frame=28	Joint=14	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-35.1346185537541	F2=0	
F3=-163.987605006624	M1=0	M2=2.88279821556787	M3=0	FrameElem=28			
Frame=28	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=54.7637111919546	F2=0	
F3=211.939424742726	M1=0	M2=33.7503606689288	M3=0	FrameElem=28			
Frame=28	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=1.54835947956426	F2=0	F3=-
55.6104511756564	M1=0	M2=71.2263148575418	M3=0	FrameElem=28			
Frame=28	Joint=32	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-3.56701454491753	F2=0	
F3=57.1729511756564	M1=0	M2=-64.1470954930109	M3=0	FrameElem=28			
Frame=28	Joint=14	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-58.4815892783744	F2=0	
F3=-210.376924742726	M1=0	M2=-30.766596786199	M3=0	FrameElem=28			
Frame=29	Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=31.1204089420675	F2=0	
F3=277.757947768961	M1=0	M2=16.0305200115712	M3=0	FrameElem=29			
Frame=29	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=16.776384388127	F2=0	F3=-
253.479068886365	M1=0	M2=18.9903568416994	M3=0	FrameElem=29			
Frame=29	Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-14.3649677214604	F2=0	
F3=255.354068886365	M1=0	M2=-20.1947908320632	M3=0	FrameElem=29			
Frame=29	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-24.794853386512	F2=0	
F3=-275.882947768961	M1=0	M2=-12.0885275493558	M3=0	FrameElem=29			
Frame=29	Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=70.2602861417013	F2=0	
F3=318.181294493334	M1=0	M2=61.591647998204	M3=0	FrameElem=29			
Frame=29	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=26.9767755969077	F2=0	F3=-
109.274999999979	M1=0	M2=58.977377233839	M3=0	FrameElem=29			
Frame=29	Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-24.5653589302411	F2=0	
F3=111.149999999979	M1=0	M2=-61.778902813622	M3=0	FrameElem=29			
Frame=29	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-63.9347305861457	F2=0	
F3=-316.306294493334	M1=0	M2=-51.5294203547266	M3=0	FrameElem=29			
Frame=30	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=24.794853386506	F2=0	
F3=275.882947768868	M1=0	M2=12.0885275493559	M3=0	FrameElem=30			
Frame=30	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=19.1146343881357	F2=0	
F3=-251.604068886328	M1=0	M2=17.225172851335	M3=0	FrameElem=30			
Frame=30	Joint=36	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-16.7763843881357	F2=0	
F3=253.479068886328	M1=0	M2=-18.9903568416994	M3=0	FrameElem=30			
Frame=30	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-18.6611867198393	F2=0	
F3=-274.007947768868	M1=0	M2=-9.08097675380844	M3=0	FrameElem=30			
Frame=30	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=63.9347305861446	F2=0	
F3=316.306294493217	M1=0	M2=51.5294203547266	M3=0	FrameElem=30			
Frame=30	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=29.3150255969182	F2=0	F3=-
107.399999999965	M1=0	M2=55.2967395792604	M3=0	FrameElem=30			
Frame=30	Joint=36	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-26.9767755969182	F2=0	
F3=109.274999999965	M1=0	M2=-58.9773772338408	M3=0	FrameElem=30			
Frame=30	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-57.801063919478	F2=0	F3=-
314.431294493217	M1=0	M2=-44.8416809240282	M3=0	FrameElem=30			
Frame=32	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-49.8262599053334	F2=0	
F3=230.25794776883	M1=0	M2=149.637024559843	M3=0	FrameElem=32			
Frame=32	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=75.9542410927521	F2=0	
F3=-206.29156888625	M1=0	M2=-135.157057772672	M3=0	FrameElem=32			



Frame=32	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-74.7206068334928	F2=0	
F3=207.85406888625	M1=0	M2=127.2836181888	M3=0	FrameElem=32			
Frame=32	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=50.2962251831111	F2=0	
F3=-228.69544776883	M1=0	M2=-158.240354400904	M3=0	FrameElem=32			
Frame=32	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-9.02469203023878	F2=0	
F3=270.681294493173	M1=0	M2=177.008230005206	M3=0	FrameElem=32			
Frame=32	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=86.1546323015373	F2=0	F3=-
62.0874999999801	M1=0	M2=-23.6370103834237	M3=0	FrameElem=32			
Frame=32	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-84.9209980422781	F2=0	
F3=63.6499999999801	M1=0	M2=22.4790217770205	M3=0	FrameElem=32			
Frame=32	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=9.49465730801656	F2=0	F3=-
269.118794493173	M1=0	M2=-186.886608747364	M3=0	FrameElem=32			
Frame=33	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-50.2962251831021	F2=0	
F3=228.695447769057	M1=0	M2=158.240354400913	M3=0	FrameElem=33			
Frame=33	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=77.0546191791629	F2=0	
F3=-204.729068886384	M1=0	M2=-141.647643232913	M3=0	FrameElem=33			
Frame=33	Joint=33	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-75.9542410927431	F2=0	
F3=206.291568886384	M1=0	M2=135.157057772679	M3=0	FrameElem=33			
Frame=33	Joint=26	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=50.7153802756947	F2=0	
F3=-227.132947769057	M1=0	M2=-166.931181348459	M3=0	FrameElem=33			
Frame=33	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-9.49465730801842	F2=0	
F3=269.118794493435	M1=0	M2=186.886608747376	M3=0	FrameElem=33			
Frame=33	Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=87.2550103879454	F2=0	F3=-
60.525000000215	M1=0	M2=-24.8505690129769	M3=0	FrameElem=33			
Frame=33	Joint=33	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-86.1546323015257	F2=0	
F3=62.0875000000215	M1=0	M2=23.6370103834253	M3=0	FrameElem=33			
Frame=33	Joint=26	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=9.91381240061101	F2=0	F3=-
267.556294493435	M1=0	M2=-196.852484596019	M3=0	FrameElem=33			
Frame=34	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-81.0390577557525	F2=0	
F3=210.862605006744	M1=0	M2=-135.212910222083	M3=0	FrameElem=34			
Frame=34	Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=102.228480246827	F2=0	F3=-
183.463385737872	M1=0	M2=110.879378266267	M3=0	FrameElem=34			
Frame=34	Joint=30	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-129.664171729664	F2=0	
F3=189.713385737872	M1=0	M2=-168.76370381183	M3=0	FrameElem=34			
Frame=34	Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=66.4613169060545	F2=0	F3=-
204.612605006744	M1=0	M2=88.8549403666908	M3=0	FrameElem=34			
Frame=34	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-21.6869334869463	F2=0	
F3=257.251924742907	M1=0	M2=-32.2909055087967	M3=0	FrameElem=34			
Frame=34	Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=116.119087602317	F2=0	F3=-
96.2354511757398	M1=0	M2=131.072462587831	M3=0	FrameElem=34			
Frame=34	Joint=30	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-145.648778960341	F2=0	
F3=102.48545117574	M1=0	M2=-196.425591779936	M3=0	FrameElem=34			
Frame=34	Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=14.4211927462055	F2=0	F3=-
251.001924742907	M1=0	M2=13.7809977605691	M3=0	FrameElem=34			
Frame=35	Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-66.4613169060527	F2=0	
F3=204.612605006736	M1=0	M2=-88.8549403666912	M3=0	FrameElem=35			
Frame=35	Joint=5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=76.9248875294191	F2=0	F3=-
177.21338573788	M1=0	M2=75.855041712851	M3=0	FrameElem=35			
Frame=35	Joint=4	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-102.228480246824	F2=0	
F3=183.46338573788	M1=0	M2=-110.879378266268	M3=0	FrameElem=35			
Frame=35	Joint=5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=52.6965390193176	F2=0	F3=-
198.362605006736	M1=0	M2=51.1510963528778	M3=0	FrameElem=35			
Frame=35	Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-14.4211927462059	F2=0	
F3=251.001924742911	M1=0	M2=-13.7809977605692	M3=0	FrameElem=35			
Frame=35	Joint=5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=93.171660080691	F2=0	F3=-
89.985451175747	M1=0	M2=89.6263223254678	M3=0	FrameElem=35			
Frame=35	Joint=4	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-116.119087602313	F2=0	
F3=96.235451175747	M1=0	M2=-131.072462587833	M3=0	FrameElem=35			
Frame=35	Joint=5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=7.96841496842812	F2=0	F3=-
244.751924742911	M1=0	M2=0.269215799439607	M3=0	FrameElem=35			
Frame=36	Joint=5	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-52.696539019313	F2=0	
F3=198.362605006712	M1=0	M2=-51.1510963528771	M3=0	FrameElem=36			
Frame=36	Joint=6	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=53.7533935774472	F2=0	F3=-
170.963385737862	M1=0	M2=50.2772759790119	M3=0	FrameElem=36			
Frame=36	Joint=5	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-76.9248875294198	F2=0	
F3=177.213385737862	M1=0	M2=-75.8550417128522	M3=0	FrameElem=36			
Frame=36	Joint=6	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=39.7447240955409	F2=0	F3=-
192.112605006712	M1=0	M2=25.0340239984829	M3=0	FrameElem=36			
Frame=36	Joint=5	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-7.96841496842849	F2=0	
F3=244.751924742874	M1=0	M2=-0.269215799439669	M3=0	FrameElem=36			
Frame=36	Joint=6	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=71.5130308637768	F2=0	F3=-
83.735451175718	M1=0	M2=58.6737528202753	M3=0	FrameElem=36			
Frame=36	Joint=5	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-93.1716600806653	F2=0	
F3=89.985451175718	M1=0	M2=-89.6263223254693	M3=0	FrameElem=36			
Frame=36	Joint=6	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=2.32860015361368	F2=0	F3=-
238.501924742874	M1=0	M2=-5.31179455675172	M3=0	FrameElem=36			
Frame=37	Joint=6	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-39.7447240955558	F2=0	
F3=192.112605006733	M1=0	M2=-25.0340239984842	M3=0	FrameElem=37			
Frame=37	Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=32.713998390909	F2=0	F3=-
164.71338573788	M1=0	M2=31.5448181972295	M3=0	FrameElem=37			
Frame=37	Joint=6	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-53.7533935774495	F2=0	
F3=170.96338573788	M1=0	M2=-50.277275979012	M3=0	FrameElem=37			

Frame=37	Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=21.3826774671787	F2=0	F3=-
185.862605006733	M1=0	M2=9.26219376801345	M3=0	FrameElem=37			
Frame=37	Joint=6	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-2.32860015361328	F2=0	F3=-
F3=238.501924742893	M1=0	M2=5.31179455675166	M3=0	FrameElem=37			
Frame=37	Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=49.8531755847081	F2=0	F3=-
77.485451175747	M1=0	M2=40.5273649798283	M3=0	FrameElem=37			
Frame=37	Joint=6	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-71.5130308638	F2=0	F3=-
F3=83.735451175747	M1=0	M2=-58.6737528202754	M3=0	FrameElem=37			
Frame=37	Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-8.72144636580656	F2=0	F3=-
232.251924742893	M1=0	M2=-13.8013618053779	M3=0	FrameElem=37			
Frame=38	Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-21.3826774671766	F2=0	F3=-
F3=185.86260500673	M1=0	M2=-9.26219376801393	M3=0	FrameElem=38			
Frame=38	Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=18.6226299210932	F2=0	F3=-
158.463385737861	M1=0	M2=20.708073162937	M3=0	FrameElem=38			
Frame=38	Joint=7	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-32.7139983909215	F2=0	F3=-
F3=164.713385737861	M1=0	M2=-31.544818197228	M3=0	FrameElem=38			
Frame=38	Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=2.80569040033991	F2=0	F3=-
179.61260500673	M1=0	M2=-2.37998920043877	M3=0	FrameElem=38			
Frame=38	Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=8.72144636580682	F2=0	F3=-
F3=232.251924742893	M1=0	M2=13.8013618053786	M3=0	FrameElem=38			
Frame=38	Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=28.1920947210119	F2=0	F3=-
71.2354511757288	M1=0	M2=38.2231054950836	M3=0	FrameElem=38			
Frame=38	Joint=7	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-49.8531755846903	F2=0	F3=-
F3=77.4854511757288	M1=0	M2=-40.5273649798275	M3=0	FrameElem=38			
Frame=38	Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.2527426621031	F2=0	F3=-
226.001924742893	M1=0	M2=-30.9986284802654	M3=0	FrameElem=38			
Frame=39	Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-2.80569040032947	F2=0	F3=-
F3=179.612605006715	M1=0	M2=2.37998920043711	M3=0	FrameElem=39			
Frame=39	Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=7.04570387034355	F2=0	F3=-
152.213385737858	M1=0	M2=15.8630318947627	M3=0	FrameElem=39			
Frame=39	Joint=8	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-18.6226299210816	F2=0	F3=-
F3=158.463385737858	M1=0	M2=-20.7080731629405	M3=0	FrameElem=39			
Frame=39	Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-13.9695072553469	F2=0	F3=-
F3=-173.362605006715	M1=0	M2=-5.6335486576121	M3=0	FrameElem=39			
Frame=39	Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.2527426621029	F2=0	F3=-
F3=226.001924742864	M1=0	M2=30.9986284802632	M3=0	FrameElem=39			
Frame=39	Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=14.4224426494774	F2=0	F3=-
64.9854511757252	M1=0	M2=42.9575497140464	M3=0	FrameElem=39			
Frame=39	Joint=8	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-28.1920947210176	F2=0	F3=-
F3=71.2354511757252	M1=0	M2=-38.2231054950841	M3=0	FrameElem=39			
Frame=39	Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-34.1754781672208	F2=0	F3=-
219.751924742864	M1=0	M2=-38.7115249092775	M3=0	FrameElem=39			
Frame=40	Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=13.9695072553557	F2=0	F3=-
F3=173.362605006712	M1=0	M2=5.63354865761117	M3=0	FrameElem=40			
Frame=40	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-3.71825921744052	F2=0	F3=-
F3=-145.96338573787	M1=0	M2=19.8199361560828	M3=0	FrameElem=40			
Frame=40	Joint=9	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-7.04570387033457	F2=0	F3=-
F3=152.21338573787	M1=0	M2=-15.8630318947622	M3=0	FrameElem=40			
Frame=40	Joint=31	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-28.6126061455999	F2=0	F3=-
F3=-167.112605006712	M1=0	M2=-1.56453398622737	M3=0	FrameElem=40			
Frame=40	Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=34.1754781672261	F2=0	F3=-
F3=219.751924742845	M1=0	M2=38.7115249092789	M3=0	FrameElem=40			
Frame=40	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=5.63647979546601	F2=0	F3=-
58.7354511757144	M1=0	M2=57.5409394001001	M3=0	FrameElem=40			
Frame=40	Joint=9	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-14.4224426494717	F2=0	F3=-
F3=64.9854511757144	M1=0	M2=-42.9575497140464	M3=0	FrameElem=40			
Frame=40	Joint=31	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-50.9125769326582	F2=0	F3=-
F3=-213.501924742845	M1=0	M2=-36.0670460651163	M3=0	FrameElem=40			
Frame=41	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=18.6611867198389	F2=0	F3=-
F3=274.007947768868	M1=0	M2=9.0809767538083	M3=0	FrameElem=41			
Frame=41	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=26.697769129725	F2=0	F3=-
245.3540688863	M1=0	M2=7.51316757481106	M3=0	FrameElem=41			
Frame=41	Joint=35	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-19.1146343881363	F2=0	F3=-
F3=251.6040688863	M1=0	M2=-17.2251728513333	M3=0	FrameElem=41			
Frame=41	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=0.398504638185755	F2=0	F3=-
F3=-267.757947768868	M1=0	M2=-14.9517386664063	M3=0	FrameElem=41			
Frame=41	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=57.801063919478	F2=0	F3=-
F3=314.431294493217	M1=0	M2=44.8416809240279	M3=0	FrameElem=41			
Frame=41	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=45.1436385246951	F2=0	F3=-
101.149999999984	M1=0	M2=37.4776764847798	M3=0	FrameElem=41			
Frame=41	Joint=35	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-29.315025596919	F2=0	F3=-
F3=107.399999999984	M1=0	M2=-55.2967395792605	M3=0	FrameElem=41			
Frame=41	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-38.7413725614533	F2=0	F3=-
F3=-308.181294493217	M1=0	M2=-42.1092590732503	M3=0	FrameElem=41			
Frame=42	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-0.398504638185832	F2=0	F3=-
F3=267.757947768876	M1=0	M2=14.9517386664067	M3=0	FrameElem=42			
Frame=42	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=36.8555469074951	F2=0	F3=-
F3=-239.10406888633	M1=0	M2=-4.00739596723034	M3=0	FrameElem=42			
Frame=42	Joint=10	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-26.6977691297173	F2=0	F3=-
F3=245.35406888633	M1=0	M2=-7.51316757481109	M3=0	FrameElem=42			
Frame=42	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=17.3260972307784	F2=0	F3=-
F3=-261.507947768876	M1=0	M2=-28.2508254091877	M3=0	FrameElem=42			



Frame=42	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=38.7413725614531	F2=0	
F3=308.181294493224	M1=0	M2=42.1092590732503	M3=0	FrameElem=42			
Frame=42	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=57.3414229431354	F2=0	F3=-
94.8999999999906	M1=0	M2=13.0350477192188	M3=0	FrameElem=42			
Frame=42	Joint=10	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-45.1436385246872	F2=0	
F3=101.149999999991	M1=0	M2=-37.4776764847803	M3=0	FrameElem=42			
Frame=42	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-21.8137799688605	F2=0	
F3=-301.931294493224	M1=0	M2=-48.7418308658766	M3=0	FrameElem=42			
Frame=43	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-17.3260972307798	F2=0	
F3=261.507947768728	M1=0	M2=28.2508254091869	M3=0	FrameElem=43			
Frame=43	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=45.7336950556535	F2=0	
F3=-232.85406888619	M1=0	M2=-17.9963242108576	M3=0	FrameElem=43			
Frame=43	Joint=11	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-36.8555469075053	F2=0	
F3=239.10406888619	M1=0	M2=4.00739596722989	M3=0	FrameElem=43			
Frame=43	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=32.1215910579403	F2=0	
F3=-255.257947768728	M1=0	M2=-44.573060300121	M3=0	FrameElem=43			
Frame=43	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=21.8137799688605	F2=0	
F3=301.931294493054	M1=0	M2=48.7418308658759	M3=0	FrameElem=43			
Frame=43	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=65.2737832997079	F2=0	F3=-
88.6499999999436	M1=0	M2=5.31179455675952	M3=0	FrameElem=43			
Frame=43	Joint=11	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-57.3414229431544	F2=0	
F3=94.8999999999436	M1=0	M2=-13.0350477192226	M3=0	FrameElem=43			
Frame=43	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-7.01828614169999	F2=0	
F3=-295.681294493054	M1=0	M2=-58.3975508066534	M3=0	FrameElem=43			
Frame=44	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-32.1215910579431	F2=0	
F3=255.257947768698	M1=0	M2=44.5730603001198	M3=0	FrameElem=44			
Frame=44	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=53.3322135741663	F2=0	
F3=-226.604068886184	M1=0	M2=-38.8093334537243	M3=0	FrameElem=44			
Frame=44	Joint=12	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-45.7336950556478	F2=0	
F3=232.854068886184	M1=0	M2=17.9963242108579	M3=0	FrameElem=44			
Frame=44	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=40.2234821275437	F2=0	
F3=-249.007947768698	M1=0	M2=-63.5526030807046	M3=0	FrameElem=44			
Frame=44	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=7.01828614169969	F2=0	
F3=295.681294493021	M1=0	M2=58.3975508066528	M3=0	FrameElem=44			
Frame=44	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=68.9407201100375	F2=0	F3=-
82.3999999999254	M1=0	M2=4.06872391371438	M3=0	FrameElem=44			
Frame=44	Joint=12	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-65.2737832996983	F2=0	
F3=88.6499999999254	M1=0	M2=-5.3117945567595	M3=0	FrameElem=44			
Frame=44	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-0.578085747539396	F2=0	
F3=-289.431294493021	M1=0	M2=-75.6232217128876	M3=0	FrameElem=44			
Frame=45	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-40.2234821275537	F2=0	
F3=249.007947768728	M1=0	M2=63.5526030807066	M3=0	FrameElem=45			
Frame=45	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=60.054310537195	F2=0	F3=-
220.35406888619	M1=0	M2=-63.9234880361983	M3=0	FrameElem=45			
Frame=45	Joint=27	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-53.33221357418	F2=0	
F3=226.60406888619	M1=0	M2=38.8093334537252	M3=0	FrameElem=45			
Frame=45	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=44.2373710164426	F2=0	
F3=-242.757947768728	M1=0	M2=-86.2398585463848	M3=0	FrameElem=45			
Frame=45	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=0.578085747539268	F2=0	
F3=289.431294493054	M1=0	M2=75.6232217128901	M3=0	FrameElem=45			
Frame=45	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=70.2547017459799	F2=0	F3=-
76.1499999999436	M1=0	M2=-1.47549206893363	M3=0	FrameElem=45			
Frame=45	Joint=27	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-68.9407201100454	F2=0	
F3=82.3999999999436	M1=0	M2=-4.06872391371443	M3=0	FrameElem=45			
Frame=45	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=3.43580314134962	F2=0	F3=-
283.181294493054	M1=0	M2=-103.410672782961	M3=0	FrameElem=45			
Frame=46	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-44.2373710164459	F2=0	
F3=242.757947768728	M1=0	M2=86.2398585463843	M3=0	FrameElem=46			
Frame=46	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=68.4535080680623	F2=0	
F3=-214.104068886202	M1=0	M2=-93.7702660754647	M3=0	FrameElem=46			
Frame=46	Joint=28	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-60.0543105371981	F2=0	
F3=220.354068886202	M1=0	M2=63.9234880361968	M3=0	FrameElem=46			
Frame=46	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=47.4382969423718	F2=0	
F3=-236.507947768728	M1=0	M2=-116.298618390034	M3=0	FrameElem=46			
Frame=46	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-3.43580314134981	F2=0	
F3=283.181294493054	M1=0	M2=103.41067278296	M3=0	FrameElem=46			
Frame=46	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=78.653899276848	F2=0	F3=-
69.8999999999437	M1=0	M2=-11.7523315083718	M3=0	FrameElem=46			
Frame=46	Joint=28	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-70.2547017459838	F2=0	
F3=76.1499999999437	M1=0	M2=1.47549206893354	M3=0	FrameElem=46			
Frame=46	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=6.63672906727574	F2=0	F3=-
276.931294493054	M1=0	M2=-138.569628231003	M3=0	FrameElem=46			
Frame=47	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=-47.4382969423693	F2=0	
F3=236.507947768728	M1=0	M2=116.298618390032	M3=0	FrameElem=47			
Frame=47	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=74.7206068334918	F2=0	
F3=-207.854068886217	M1=0	M2=-127.283618188795	M3=0	FrameElem=47			
Frame=47	Joint=37	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-68.4535080680597	F2=0	
F3=214.104068886217	M1=0	M2=93.7702660754656	M3=0	FrameElem=47			
Frame=47	Joint=34	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=49.8262599053323	F2=0	
F3=-230.257947768728	M1=0	M2=-149.637024559838	M3=0	FrameElem=47			
Frame=47	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=-6.63672906727571	F2=0	
F3=276.931294493119	M1=0	M2=138.569628231001	M3=0	FrameElem=47			

Frame=47	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=84.9209980422769	F2=0	F3=-
63.6499999999471	M1=0	M2=-22.4790217770206	M3=0	FrameElem=47			
Frame=47	Joint=37	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-78.6538992768448	F2=0	
F3=69.8999999999471	M1=0	M2=11.7523315083717	M3=0	FrameElem=47			
Frame=47	Joint=34	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=9.02469203023868	F2=0	F3=-
270.681294493119	M1=0	M2=-177.008230005199	M3=0	FrameElem=47			
Frame=66	Joint=2	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420659	F2=0	F3=-
191.645820469744	M1=0	M2=184.098122468639	M3=0	FrameElem=66			
Frame=66	Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146125	F2=0	
F3=210.221995599919	M1=0	M2=-112.039003229585	M3=0	FrameElem=66			
Frame=66	Joint=2	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146125	F2=0	
F3=-208.346995599919	M1=0	M2=136.26064967823	M3=0	FrameElem=66			
Frame=66	Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420659	F2=0	
F3=193.520820469744	M1=0	M2=-158.106627357995	M3=0	FrameElem=66			
Frame=66	Joint=2	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417001	F2=0	F3=-
99.05772733788	M1=0	M2=213.458569411718	M3=0	FrameElem=66			
Frame=66	Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302421	F2=0	
F3=247.560770900999	M1=0	M2=-13.3781356976402	M3=0	FrameElem=66			
Frame=66	Joint=2	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302421	F2=0	F3=-
245.685770900999	M1=0	M2=26.0262705048021	M3=0	FrameElem=66			
Frame=66	Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417001	F2=0	
F3=100.93272733788	M1=0	M2=-184.096427291741	M3=0	FrameElem=66			
Frame=68	Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420657	F2=0	
F3=237.026727387977	M1=0	M2=-43.3703863956695	M3=0	FrameElem=68			
Frame=68	Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146145	F2=0	
F3=-218.249436033877	M1=0	M2=51.5521012902455	M3=0	FrameElem=68			
Frame=68	Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146145	F2=0	
F3=220.124436033877	M1=0	M2=-81.053752062197	M3=0	FrameElem=68			
Frame=68	Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420657	F2=0	
F3=-235.151727387977	M1=0	M2=15.9421812904664	M3=0	FrameElem=68			
Frame=68	Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417007	F2=0	
F3=270.380660122646	M1=0	M2=35.4266511159595	M3=0	FrameElem=68			
Frame=68	Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302423	F2=0	F3=-
100.247578457126	M1=0	M2=88.852825573776	M3=0	FrameElem=68			
Frame=68	Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302423	F2=0	
F3=102.122578457126	M1=0	M2=-112.835179996453	M3=0	FrameElem=68			
Frame=68	Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417007	F2=0	
F3=-268.505660122646	M1=0	M2=-48.1046240240679	M3=0	FrameElem=68			
Frame=69	Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420675	F2=0	
F3=264.484714363597	M1=0	M2=-15.9421812904728	M3=0	FrameElem=69			
Frame=69	Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146186	F2=0	
F3=-242.094448049613	M1=0	M2=20.1947908320555	M3=0	FrameElem=69			
Frame=69	Joint=58	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146186	F2=0	
F3=243.969448049613	M1=0	M2=-51.5521012902495	M3=0	FrameElem=69			
Frame=69	Joint=13	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420675	F2=0	
F3=-262.609714363597	M1=0	M2=-16.0305200115755	M3=0	FrameElem=69			
Frame=69	Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417009	F2=0	
F3=302.487515089076	M1=0	M2=48.1046240240653	M3=0	FrameElem=69			
Frame=69	Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302429	F2=0	F3=-
106.86928706712	M1=0	M2=61.7789028136175	M3=0	FrameElem=69			
Frame=69	Joint=58	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302429	F2=0	
F3=108.74428706712	M1=0	M2=-88.8528255737833	M3=0	FrameElem=69			
Frame=69	Joint=13	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417009	F2=0	
F3=-300.612515089076	M1=0	M2=-61.5916479982047	M3=0	FrameElem=69			
Frame=70	Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420659	F2=0	
F3=-180.629660391675	M1=0	M2=158.106627357999	M3=0	FrameElem=70			
Frame=70	Joint=61	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146126	F2=0	
F3=206.398504668738	M1=0	M2=-18.3339499741066	M3=0	FrameElem=70			
Frame=70	Joint=60	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146126	F2=0	
F3=-198.898504668738	M1=0	M2=112.039003229586	M3=0	FrameElem=70			
Frame=70	Joint=61	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420659	F2=0	
F3=188.129660391675	M1=0	M2=-58.2975980832723	M3=0	FrameElem=70			
Frame=70	Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417	F2=0	F3=-
81.0468646237247	M1=0	M2=184.096427291746	M3=0	FrameElem=70			
Frame=70	Joint=61	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302421	F2=0	
F3=234.70098300615	M1=0	M2=29.020296614221	M3=0	FrameElem=70			
Frame=70	Joint=60	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302421	F2=0	
F3=-227.20098300615	M1=0	M2=13.3781356976414	M3=0	FrameElem=70			
Frame=70	Joint=61	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417	F2=0	
F3=88.5468646237247	M1=0	M2=-98.802713414747	M3=0	FrameElem=70			
Frame=71	Joint=61	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420661	F2=0	
F3=-157.66311983935	M1=0	M2=58.2975980832749	M3=0	FrameElem=71			
Frame=71	Joint=62	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146071	F2=0	
F3=187.182675363817	M1=0	M2=67.7748286605899	M3=0	FrameElem=71			
Frame=71	Joint=61	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146071	F2=0	
F3=-179.682675363817	M1=0	M2=18.3339499741073	M3=0	FrameElem=71			
Frame=71	Joint=62	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420661	F2=0	
F3=165.16311983935	M1=0	M2=28.0165208836107	M3=0	FrameElem=71			
Frame=71	Joint=61	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417003	F2=0	F3=-
55.8848191879804	M1=0	M2=98.8027134147509	M3=0	FrameElem=71			
Frame=71	Joint=62	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302414	F2=0	
F3=215.328357787154	M1=0	M2=108.565273951009	M3=0	FrameElem=71			



Frame=71	Joint=61	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302414	F2=0	
F3=-207.828357787154	M1=0	M2=-29.0202966142191	M3=0	FrameElem=71			
Frame=71	Joint=62	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417003	F2=0	
F3=63.3848191879804	M1=0	M2=-17.5145638996476	M3=0	FrameElem=71			
Frame=72	Joint=62	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420661	F2=0	
F3=-126.851173074703	M1=0	M2=-28.0165208836109	M3=0	FrameElem=72			
Frame=72	Joint=63	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146069	F2=0	
F3=157.482587764714	M1=0	M2=136.966963875381	M3=0	FrameElem=72			
Frame=72	Joint=62	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146069	F2=0	
F3=-149.982587764714	M1=0	M2=-67.7748286605911	M3=0	FrameElem=72			
Frame=72	Joint=63	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420661	F2=0	
F3=134.351173074703	M1=0	M2=100.991266088529	M3=0	FrameElem=72			
Frame=72	Joint=62	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417003	F2=0	F3=-
31.6277204604161	M1=0	M2=17.5145638996447	M3=0	FrameElem=72			
Frame=72	Joint=63	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302414	F2=0	
F3=183.234223338359	M1=0	M2=172.896393674099	M3=0	FrameElem=72			
Frame=72	Joint=62	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302414	F2=0	
F3=-175.734223338359	M1=0	M2=-108.56527395101	M3=0	FrameElem=72			
Frame=72	Joint=63	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417003	F2=0	
F3=39.1277204604161	M1=0	M2=51.3598591036711	M3=0	FrameElem=72			
Frame=73	Joint=63	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420662	F2=0	
F3=-87.8778867197121	M1=0	M2=-100.991266088527	M3=0	FrameElem=73			
Frame=73	Joint=64	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146073	F2=0	
F3=117.112603584949	M1=0	M2=185.044514750849	M3=0	FrameElem=73			
Frame=73	Joint=63	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146073	F2=0	
F3=-109.612603584949	M1=0	M2=-136.966963875379	M3=0	FrameElem=73			
Frame=73	Joint=64	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420662	F2=0	
F3=95.3778867197121	M1=0	M2=150.861996833578	M3=0	FrameElem=73			
Frame=73	Joint=63	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417005	F2=0	F3=-
7.97245139552165	M1=0	M2=-51.3598591036705	M3=0	FrameElem=73			
Frame=73	Joint=64	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302415	F2=0	
F3=138.220764601123	M1=0	M2=210.810485899815	M3=0	FrameElem=73			
Frame=73	Joint=63	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302415	F2=0	
F3=-130.720764601123	M1=0	M2=-172.896393674097	M3=0	FrameElem=73			
Frame=73	Joint=64	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417005	F2=0	
F3=15.4724513955217	M1=0	M2=61.277872186626	M3=0	FrameElem=73			
Frame=74	Joint=64	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420663	F2=0	
F3=-39.9133652037128	M1=0	M2=-150.861996833578	M3=0	FrameElem=74			
Frame=74	Joint=65	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.3249677214607	F2=0	
F3=65.5561583983696	M1=0	M2=207.458624878327	M3=0	FrameElem=74			
Frame=74	Joint=64	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.3249677214607	F2=0	
F3=-58.0561583983696	M1=0	M2=-185.04451475085	M3=0	FrameElem=74			
Frame=74	Joint=65	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420663	F2=0	
F3=47.4133652037128	M1=0	M2=172.693679435434	M3=0	FrameElem=74			
Frame=74	Joint=64	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417006	F2=0	
F3=15.6559941328549	M1=0	M2=-61.277872186626	M3=0	FrameElem=74			
Frame=74	Joint=65	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302414	F2=0	
F3=94.3294975155766	M1=0	M2=240.191637049517	M3=0	FrameElem=74			
Frame=74	Joint=64	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302414	F2=0	
F3=-86.9057238650384	M1=0	M2=-210.810485899815	M3=0	FrameElem=74			
Frame=74	Joint=65	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417006	F2=0	
F3=-8.15599413285488	M1=0	M2=55.3248751201986	M3=0	FrameElem=74			
Frame=75	Joint=65	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420664	F2=0	
F3=20.7905885877149	M1=0	M2=-172.693679435435	M3=0	FrameElem=75			
Frame=75	Joint=66	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146077	F2=0	
F3=4.8544476380501	M1=0	M2=205.199043625752	M3=0	FrameElem=75			
Frame=75	Joint=65	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146077	F2=0	
F3=2.6455523619499	M1=0	M2=-207.458624878328	M3=0	FrameElem=75			
Frame=75	Joint=66	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420664	F2=0	
F3=-13.2905885877149	M1=0	M2=165.634157978512	M3=0	FrameElem=75			
Frame=75	Joint=65	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417008	F2=0	
F3=51.5507114646765	M1=0	M2=-55.3248751201996	M3=0	FrameElem=75			
Frame=75	Joint=66	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302415	F2=0	
F3=39.6842485712233	M1=0	M2=240.286427046025	M3=0	FrameElem=75			
Frame=75	Joint=65	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302415	F2=0	
F3=-32.430925031386	M1=0	M2=-240.191637049518	M3=0	FrameElem=75			
Frame=75	Joint=66	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417008	F2=0	
F3=-44.0507114646765	M1=0	M2=37.387095128348	M3=0	FrameElem=75			
Frame=76	Joint=66	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420665	F2=0	
F3=93.4238691864032	M1=0	M2=-165.634157978514	M3=0	FrameElem=76			
Frame=76	Joint=67	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146077	F2=0	
F3=-67.6216564452901	M1=0	M2=165.887766239046	M3=0	FrameElem=76			
Frame=76	Joint=66	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146077	F2=0	
F3=75.1216564452901	M1=0	M2=-205.199043625752	M3=0	FrameElem=76			
Frame=76	Joint=67	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420665	F2=0	
F3=-85.9238691864033	M1=0	M2=124.422672549372	M3=0	FrameElem=76			
Frame=76	Joint=66	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.490286141701	F2=0	
F3=124.206352022709	M1=0	M2=-37.3870951283477	M3=0	FrameElem=76			
Frame=76	Joint=67	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302416	F2=0	F3=-
28.0749537350749	M1=0	M2=197.301929790445	M3=0	FrameElem=76			
Frame=76	Joint=66	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302416	F2=0	
F3=35.1231290885246	M1=0	M2=-240.286427046026	M3=0	FrameElem=76			



Frame=76	Joint=67	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.490286141701	F2=0	F3=-
116.706352022709	M1=0	M2=7.24304110535156	M3=0	FrameElem=76			
Frame=77	Joint=67	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=44.3504089420659	F2=0	
F3=177.923716828224	M1=0	M2=-124.42267254938	M3=0	FrameElem=77			
Frame=77	Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Max	F1=9.32496772146146	F2=0	
F3=-153.848883832903	M1=0	M2=81.0537520621962	M3=0	FrameElem=77			
Frame=77	Joint=67	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-9.32496772146146	F2=0	
F3=161.348883832903	M1=0	M2=-165.88776623905	M3=0	FrameElem=77			
Frame=77	Joint=59	OutputCase=ENVETA5	CaseType=Combination	StepType=Min	F1=-44.3504089420659	F2=0	
F3=-170.423716828224	M1=0	M2=43.3703863956691	M3=0	FrameElem=77			
Frame=77	Joint=67	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=83.4902861417009	F2=0	
F3=205.270110064699	M1=0	M2=-7.24304110535353	M3=0	FrameElem=77			
Frame=77	Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Max	F1=19.5253589302424	F2=0	F3=-
77.0836959681069	M1=0	M2=112.835179996454	M3=0	FrameElem=77			
Frame=77	Joint=67	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-19.5253589302424	F2=0	
F3=84.5836959681069	M1=0	M2=-197.301929790448	M3=0	FrameElem=77			
Frame=77	Joint=59	OutputCase=ENVETA	CaseType=Combination	StepType=Min	F1=-83.4902861417009	F2=0	
F3=-197.770110064699	M1=0	M2=-35.4266511159579	M3=0	FrameElem=77			

TABLE: "OBJECTS AND ELEMENTS - JOINTS"

JointElem=1	JointObject=1	GlobalX=-2.25	GlobalY=0	GlobalZ=0
JointElem=2	JointObject=2	GlobalX=-2.125	GlobalY=0	GlobalZ=0
JointElem=13	JointObject=13	GlobalX=2.25	GlobalY=0	GlobalZ=0
JointElem=14	JointObject=14	GlobalX=-2.25	GlobalY=0	GlobalZ=4.05
JointElem=15	JointObject=15	GlobalX=-2.125	GlobalY=0	GlobalZ=4.05
JointElem=16	JointObject=16	GlobalX=-2	GlobalY=0	GlobalZ=4.05
JointElem=17	JointObject=17	GlobalX=-1.5	GlobalY=0	GlobalZ=4.05
JointElem=18	JointObject=18	GlobalX=-1	GlobalY=0	GlobalZ=4.05
JointElem=19	JointObject=19	GlobalX=-0.5	GlobalY=0	GlobalZ=4.05
JointElem=20	JointObject=20	GlobalX=0	GlobalY=0	GlobalZ=4.05
JointElem=21	JointObject=21	GlobalX=0.5	GlobalY=0	GlobalZ=4.05
JointElem=22	JointObject=22	GlobalX=1	GlobalY=0	GlobalZ=4.05
JointElem=23	JointObject=23	GlobalX=1.5	GlobalY=0	GlobalZ=4.05
JointElem=24	JointObject=24	GlobalX=2	GlobalY=0	GlobalZ=4.05
JointElem=25	JointObject=25	GlobalX=2.125	GlobalY=0	GlobalZ=4.05
JointElem=26	JointObject=26	GlobalX=2.25	GlobalY=0	GlobalZ=4.05
JointElem=29	JointObject=29	GlobalX=-2.25	GlobalY=0	GlobalZ=0.15
JointElem=30	JointObject=30	GlobalX=-2.25	GlobalY=0	GlobalZ=0.3
JointElem=31	JointObject=31	GlobalX=-2.25	GlobalY=0	GlobalZ=3.8
JointElem=32	JointObject=32	GlobalX=-2.25	GlobalY=0	GlobalZ=3.925
JointElem=33	JointObject=33	GlobalX=2.25	GlobalY=0	GlobalZ=3.925
JointElem=34	JointObject=34	GlobalX=2.25	GlobalY=0	GlobalZ=3.8
JointElem=35	JointObject=35	GlobalX=2.25	GlobalY=0	GlobalZ=0.3
JointElem=36	JointObject=36	GlobalX=2.25	GlobalY=0	GlobalZ=0.15
JointElem=58	JointObject=58	GlobalX=2.125	GlobalY=0	GlobalZ=0
JointElem=59	JointObject=59	GlobalX=2	GlobalY=0	GlobalZ=0
JointElem=60	JointObject=60	GlobalX=-2	GlobalY=0	GlobalZ=0
JointElem=61	JointObject=61	GlobalX=-1.5	GlobalY=0	GlobalZ=0
JointElem=62	JointObject=62	GlobalX=-1	GlobalY=0	GlobalZ=0
JointElem=63	JointObject=63	GlobalX=-0.5	GlobalY=0	GlobalZ=0
JointElem=64	JointObject=64	GlobalX=0	GlobalY=0	GlobalZ=0
JointElem=65	JointObject=65	GlobalX=0.5	GlobalY=0	GlobalZ=0
JointElem=66	JointObject=66	GlobalX=1	GlobalY=0	GlobalZ=0
JointElem=67	JointObject=67	GlobalX=1.5	GlobalY=0	GlobalZ=0
JointElem=4	JointObject=4	GlobalX=-2.25	GlobalY=0	GlobalZ=0.8
JointElem=5	JointObject=5	GlobalX=-2.25	GlobalY=0	GlobalZ=1.3
JointElem=6	JointObject=6	GlobalX=-2.25	GlobalY=0	GlobalZ=1.8
JointElem=7	JointObject=7	GlobalX=-2.25	GlobalY=0	GlobalZ=2.3
JointElem=8	JointObject=8	GlobalX=-2.25	GlobalY=0	GlobalZ=2.8
JointElem=9	JointObject=9	GlobalX=-2.25	GlobalY=0	GlobalZ=3.3
JointElem=10	JointObject=10	GlobalX=2.25	GlobalY=0	GlobalZ=0.8
JointElem=11	JointObject=11	GlobalX=2.25	GlobalY=0	GlobalZ=1.3
JointElem=12	JointObject=12	GlobalX=2.25	GlobalY=0	GlobalZ=1.8
JointElem=27	JointObject=27	GlobalX=2.25	GlobalY=0	GlobalZ=2.3
JointElem=28	JointObject=28	GlobalX=2.25	GlobalY=0	GlobalZ=2.8
JointElem=37	JointObject=37	GlobalX=2.25	GlobalY=0	GlobalZ=3.3

TABLE: "OBJECTS AND ELEMENTS - FRAMES"

FrameElem=1	FrameObject=1	ElemJtI=1	ElemJtJ=2
FrameElem=13	FrameObject=13	ElemJtI=14	ElemJtJ=15
FrameElem=14	FrameObject=14	ElemJtI=15	ElemJtJ=16
FrameElem=15	FrameObject=15	ElemJtI=16	ElemJtJ=17
FrameElem=16	FrameObject=16	ElemJtI=17	ElemJtJ=18
FrameElem=17	FrameObject=17	ElemJtI=18	ElemJtJ=19
FrameElem=18	FrameObject=18	ElemJtI=19	ElemJtJ=20
FrameElem=19	FrameObject=19	ElemJtI=20	ElemJtJ=21
FrameElem=20	FrameObject=20	ElemJtI=21	ElemJtJ=22
FrameElem=21	FrameObject=21	ElemJtI=22	ElemJtJ=23
FrameElem=22	FrameObject=22	ElemJtI=23	ElemJtJ=24
FrameElem=23	FrameObject=23	ElemJtI=24	ElemJtJ=25
FrameElem=24	FrameObject=24	ElemJtI=25	ElemJtJ=26
FrameElem=66	FrameObject=66	ElemJtI=2	ElemJtJ=60



FrameElem=68	FrameObject=68	ElemJtI=59	ElemJtJ=58
FrameElem=69	FrameObject=69	ElemJtI=58	ElemJtJ=13
FrameElem=70	FrameObject=70	ElemJtI=60	ElemJtJ=61
FrameElem=71	FrameObject=71	ElemJtI=61	ElemJtJ=62
FrameElem=72	FrameObject=72	ElemJtI=62	ElemJtJ=63
FrameElem=73	FrameObject=73	ElemJtI=63	ElemJtJ=64
FrameElem=74	FrameObject=74	ElemJtI=64	ElemJtJ=65
FrameElem=75	FrameObject=75	ElemJtI=65	ElemJtJ=66
FrameElem=76	FrameObject=76	ElemJtI=66	ElemJtJ=67
FrameElem=77	FrameObject=77	ElemJtI=67	ElemJtJ=59
FrameElem=12	FrameObject=12	ElemJtI=1	ElemJtJ=29
FrameElem=25	FrameObject=25	ElemJtI=29	ElemJtJ=30
FrameElem=27	FrameObject=27	ElemJtI=31	ElemJtJ=32
FrameElem=28	FrameObject=28	ElemJtI=32	ElemJtJ=14
FrameElem=29	FrameObject=29	ElemJtI=13	ElemJtJ=36
FrameElem=30	FrameObject=30	ElemJtI=36	ElemJtJ=35
FrameElem=32	FrameObject=32	ElemJtI=34	ElemJtJ=33
FrameElem=33	FrameObject=33	ElemJtI=33	ElemJtJ=26
FrameElem=34	FrameObject=34	ElemJtI=30	ElemJtJ=4
FrameElem=35	FrameObject=35	ElemJtI=4	ElemJtJ=5
FrameElem=36	FrameObject=36	ElemJtI=5	ElemJtJ=6
FrameElem=37	FrameObject=37	ElemJtI=6	ElemJtJ=7
FrameElem=38	FrameObject=38	ElemJtI=7	ElemJtJ=8
FrameElem=39	FrameObject=39	ElemJtI=8	ElemJtJ=9
FrameElem=40	FrameObject=40	ElemJtI=9	ElemJtJ=31
FrameElem=41	FrameObject=41	ElemJtI=35	ElemJtJ=10
FrameElem=42	FrameObject=42	ElemJtI=10	ElemJtJ=11
FrameElem=43	FrameObject=43	ElemJtI=11	ElemJtJ=12
FrameElem=44	FrameObject=44	ElemJtI=12	ElemJtJ=27
FrameElem=45	FrameObject=45	ElemJtI=27	ElemJtJ=28
FrameElem=46	FrameObject=46	ElemJtI=28	ElemJtJ=37
FrameElem=47	FrameObject=47	ElemJtI=37	ElemJtJ=34

TABLE: "BASE REACTIONS"

OutputCase=ENVETA5 CaseType=Combination StepType=Max GlobalFX=-107.263201599132 GlobalFY=0
GlobalFZ=554.956003951574 GlobalMX=0 GlobalMY=-296.725684424866 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=-162.170351711493 GlobalFY=0
GlobalFZ=521.232003448949 GlobalMX=0 GlobalMY=-374.978569581444 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=1.97712957642507E-12 GlobalFY=0
GlobalFZ=621.245000000627 GlobalMX=0 GlobalMY=4.65314392633079E-10 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=-190.867750001199 GlobalFY=0
GlobalFZ=289.800000000304 GlobalMX=0 GlobalMY=-473.777099618928 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