

**A2 Autostrada del Mediterraneo**  
**Lavori di costruzione del nuovo**  
**svincolo di Cosenza Nord al Km 250+000**  
**in località Settimo di Rende**

**PROGETTO DEFINITIVO**

<p><b>IL GEOLOGO</b></p> <p><i>Dott. Geol. Giuseppe Cerchiaro</i></p> <p>Ordine dei geologi della Calabria n. 528</p>	<p><b>I PROGETTISTI SPECIALISTICI</b></p> <p><i>Ing. Federico Koch</i>          ORDINE INGEGNERI ROMA          Provincia di Roma n. A14924 settore a-b-c</p> <p><i>Ing. Paolo Orsini</i>          Ordine Ingegneri Provincia di Roma n. 13817</p> <p><i>Ing. Giuseppe Resta</i>          Ordine Ingegneri Provincia di Roma n. 20629</p> <p><i>Ing. Vincenzo Secreti</i>          Ordine Ingegneri Provincia di Crotona n. 412</p>	<p><b>PROGETTAZIONE ATI:</b>          (Mandataria) <b>GP INGENGERIA</b>          GESTIONE PROGETTI INGENGERIA srl</p> <p>(Mandante) <b>IRD ENGINEERING</b></p> <p>(Mandante) <b>AIM</b>          Studio di Architettura e Ingegneria Moderna</p> <p>(Mandante) <b>HYpro</b> srl</p> <p>IL PROGETTISTA E RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE. (DPR207/10 ART 15 COMMA 12):  <i>Dott. Ing. GIORGIO GUIDUCCI</i>          ORDINE INGEGNERI ROMA          Ordine Ingegneri Provincia di Roma n. 140354035</p>
<p><b>COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE</b></p> <p><i>Ing. Vincenzo Secreti</i></p> <p>Ordine Ingegneri Provincia di Crotona n. 412</p>		
<p><b>VISTO: IL RESPONSABILE DEL PROCEDIMENTO</b></p> <p><i>Ing. Biagio Marra</i></p>		

**OPERE D'ARTE MAGGIORI**  
**PROLUNGAMENTO SOTTOVIA DI SVINCOLO**  
**Relazione Tecnica e di Calcolo**

CODICE PROGETTO			NOME FILE	REVISIONE	SCALA
COMP.	PROGETTO	LIV. ANNO	T00ST02STRRE04D		
DP	UC0085	D19	CODICE ELAB. T00ST02STRRE04	D	
D	REVISIONE A SEGUITO ISTRUTTORIA		OTT 2022	KOCH	GUIDUCCI
C	REVISIONE A SEGUITO ISTRUTTORIA		LUG 2022	SIGNORELLI	GUIDUCCI
B	REVISIONE A SEGUITO ISTRUTTORIA		MAG 2022	SIGNORELLI	GUIDUCCI
A	EMISSIONE		DIC 2021	SIGNORELLI	GUIDUCCI
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO APPROVATO

## INDICE

<b>1. <u>PREMESSA</u></b> .....	<b>2</b>
<b>2. <u>NORMATIVA DI RIFERIMENTO</u></b> .....	<b>2</b>
<b>3. <u>DESCRIZIONE DELL'IMPALCATO</u></b> .....	<b>2</b>
<b>4. <u>CLASSE D'USO E VITA NOMINALE</u></b> .....	<b>3</b>
<b>5. <u>CLASSIFICAZIONE DELL'INTERVENTO</u></b> .....	<b>3</b>
<b>6. <u>TIPO DI ANALISI EFFETTUATA E DESCRIZIONE DEL MODELLO</u></b> .....	<b>3</b>
<b>7. <u>CARATTERISTICHE DEI MATERIALI</u></b> .....	<b>5</b>
7.1. CLASSE DI ESPOSIZIONE AMBIENTALE.....	5
7.2. CALCESTRUZZI .....	5
7.3. ACCIAIO .....	5
<b>8. <u>ANALISI DEI CARICHI</u></b> .....	<b>5</b>
8.1. G1 CARICHI PERMANENTI STRUTTURALI .....	5
8.2. G2 CARICHI PERMANENTI PORTATI.....	5
8.3. VENTO.....	5
8.4. EFFETTI INDOTTI DALLE VARIAZIONI TERMICHE.....	5
8.5. AZIONE DI FRENAMENTO.....	7
8.6. SPINTE TERRENO A TERGO DELLA SPALLA.....	8
8.7. SISMA.....	8
<b>9. <u>COMBINAZIONI DI CARICO</u></b> .....	<b>10</b>
<b>10. <u>RISULTATI DI ANALISI E VERIFICA ELEMENTI</u></b> .....	<b>11</b>
10.1. PALI DI FONDAZIONE .....	11
10.2. SOLETTA DI IMPALCATO.....	14
10.3. VERIFICA STATO LIMITE DI ESERCIZIO .....	17
<b>11. <u>VERIFICA NUOVI MURI DI IMBOCCO</u></b> .....	<b>19</b>
<b>12. <u>VERIFICA OPERE PROVVISORIALI</u></b> .....	<b>39</b>
<b>13. <u>ALLEGATO – OUTPUT MODELLO DI CALCOLO</u></b> .....	<b>49</b>

## 1. PREMESSA

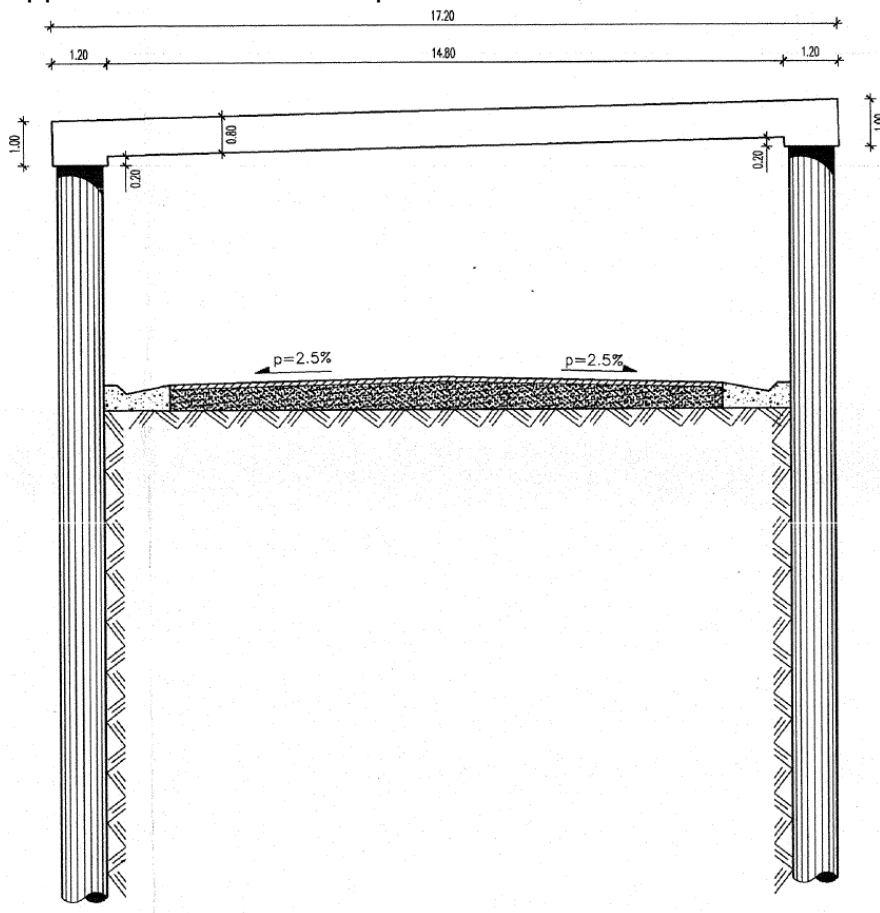
La presente relazione descrive le verifiche strutturali eseguite in riferimento all'intervento da eseguirsi sul sottopasso autostradale in corrispondenza della sezione 673 previsti nell'ambito del progetto di realizzazione dello svincolo di Cosenza Nord al km 250+000 dell'autostrada del Mediterraneo A2 "Salerno - Reggio Calabria" in località Settimo di Rende.

## 2. NORMATIVA DI RIFERIMENTO

- DM 17 gennaio 2018 "Norme tecniche per le costruzioni" (Nel seguito NTC 18)
- Circolare Ministeriale 21 gennaio 2019 n. 7

## 3. DESCRIZIONE DELL'IMPALCATO

Il sottopasso è composto da due paratie di pali, poste ad interasse 16 m, con funzione di piedritti a sostegno della soletta di impalcato, di spessore 80 cm, realizzata interamente in c.a gettato in opera. La soletta è pertanto incastrata sulla sommità delle due paratie, a formare un portale. La campata si sviluppa su di una luce netta pari a circa 15,00 m



L'intervento prevede l'ampliamento dell'opera in corrispondenza del solo imbocco Ovest, con l'aggiunta di ulteriore segmento di soletta di ampiezza 2,70 m che viene solidarizzato con la testa di due paratie di imbocco realizzate con pali Ø800 aventi lunghezza 12,00 m (3 pali per ogni lato

PROGETTAZIONE ATI:

dell'imbocco). Per potenziare il grado di incastro tra la soletta ed i pali di imbocco, viene realizzata una ulteriore linea di pali a tergo dei 3 esistenti, i quali verranno solidarizzati alla nuova struttura con un getto di completamento

La nuova opera di fatto integra ed amplia la struttura esistente, essendo ad essa rigidamente connessa, e pertanto la verifica sarà eseguita sull'intera struttura come realizzata a valle dell'intervento.

#### **4. CLASSE D'USO E VITA NOMINALE**

Si adotta:

- Classe d'uso (§2.4.2. delle NTC18): IV (costruzioni strategiche)
- Vita nominale (§2.4.1. delle NTC18): 50 anni

Per cui:

- $C_u = 2,0$  coefficiente d'uso (tab. 2.4.11 NTC18)
- $V_r = C_u V_n = 100$  anni periodo di riferimento per l'azione sismica

#### **5. CLASSIFICAZIONE DELL'INTERVENTO**

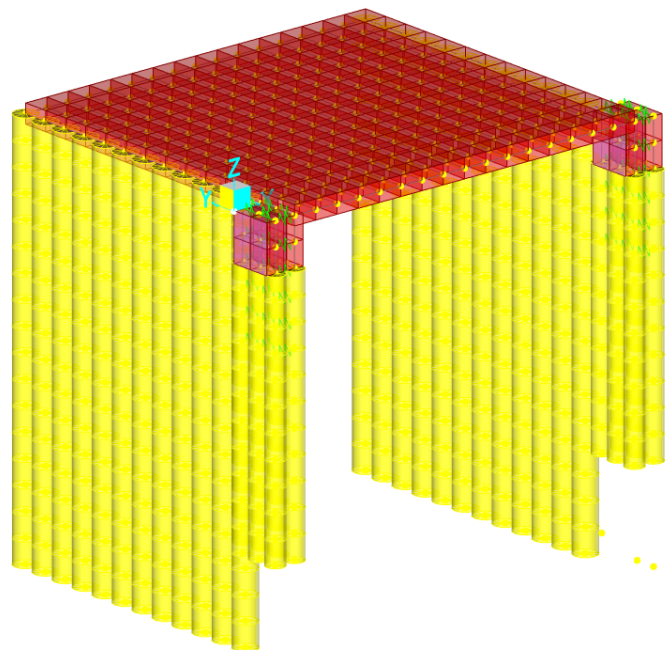
L'intervento in progetto prevede come detto l'ampliamento del sottopasso, mediante la realizzazione di nuovi segmenti in ampliamento all'esistente. Pertanto l'intervento può considerarsi come di adeguamento della struttura esistente.

#### **6. TIPO DI ANALISI EFFETTUATA E DESCRIZIONE DEL MODELLO**

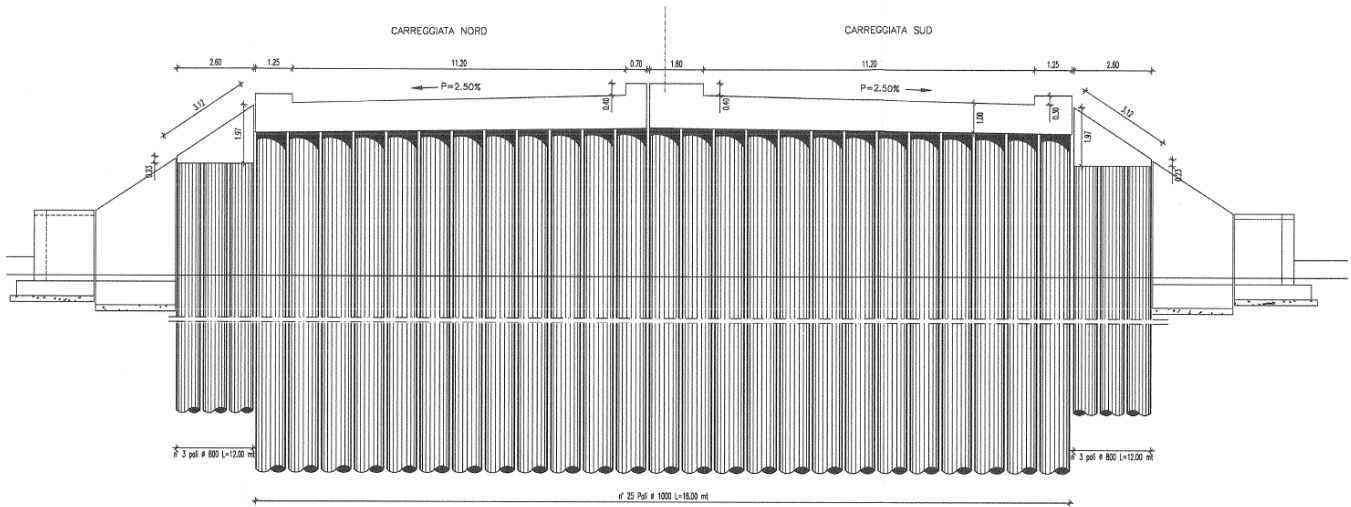
Per calcolare la ripartizione dei carichi mobili sulla trave più sollecitata dell'impalcato, nonché sulle strutture di elevazione e fondazione che lo sostengono, viene effettuato un calcolo agli elementi finiti in campo elastico lineare con l'ausilio del software Sap2000 della Computer and Structures.

Il modello rappresenta l'intera struttura, inclusa la parte pre-esistente, oltre al segmento di prolungamento del sottopasso, come da immagine a lato.

E' stato modellato solamente metà del sottopasso, essendo presente un giunto longitudinale in asse che rende le due metà che compongono il sottopasso indipendenti tra loro (vedi immagine seguente, tratta dagli elaborati dei disegni di contabilità del progetto originale).



PROGETTAZIONE ATI:



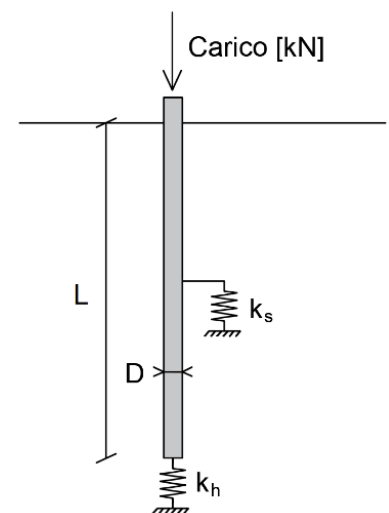
Il giunto longitudinale si trova a ridosso del cordolo centrale spartitraffico, diviso in due parti asimmetriche.

Gli elementi strutturali principali con sviluppo lineare (travi impalcato e pali di fondazione) sono modellati secondo aste "frame" dotate di caratteristiche di rigidità derivanti dalla sezione trasversale assegnata. Quelli con sviluppo superficiale (fondazioni e paramenti in elevazione di pile e spalle, soletta di impalcato) sono invece modellati con elementi tipo "shell" attribuendo il medesimo spessore degli elementi che schematizzano.

Per quanto riguarda i pali della paratia, sono stati modellati con elementi frame con conci di lunghezza 1,00 m: in corrispondenza dei nodi sono stati introdotti dei vincoli elastici in direzione orizzontale, per entrambe le direzioni principali, sia in direzione verticale, a simulare la resistenza per attrito offerta dal palo lungo il fusto.

Per la determinazione dei valori di rigidità orizzontale  $K_h$ , ci si è basati su formulazioni teoriche, quali Matlock e Reese (1956) e Broms (1964), rispettivamente per terreni incoerenti e per terreni coesivi.

Per quanto riguarda invece la rigidità verticale si è fatto riferimento al metodo di Randolph e Wroth (1978), di cui si riporta lo schema nella figura a lato.



Sulla base delle risultanze per le varie unità geotecniche riportate all'interno della relazione geotecnica, e con riferimento alle due unità direttamente interessate dai pali dell'opera in oggetto, si sono adottati i seguenti valori di rigidità nelle analisi effettuate:

Unità n.1	$K_h = 36500 \text{ KN/m}$	$K_s = 29500 \text{ KN/m}$	
Unità n.2	$K_h = 52000 \text{ KN/m}$	$K_s = 35000 \text{ KN/m}$	$K_{base} = 56000 \text{ KN/m}$

Per le parti della paratia "fuori terra", si adottano i valori dell'unità n.2, essendo con caratteristiche meccaniche analoghe, però ridotta del 50%, essendo il terreno agente solo da un lato, per cui

Rilevato  $K_h = 18000 \text{ KN/m}$   $K_s = 15000 \text{ KN/m}$

PROGETTAZIONE ATI:

## 7. CARATTERISTICHE DEI MATERIALI

### 7.1. CLASSE DI ESPOSIZIONE AMBIENTALE

Si adotta la classe XC4 “ciclicamente asciutto e bagnato”.

### 7.2. CALCESTRUZZI

Si adotta per gli elementi esistenti la resistenza di calcolo così come determinata in relazione sulle strutture

$$R_m = 30 \text{ MPa} / (1,00 \times 1,50) = 20,00 \text{ MPa}$$

resistenza cubica di calcolo per la paratia di pali

$$R_m = 38 \text{ MPa} / (1,00 \times 1,50) = 25,33 \text{ MPa}$$

resistenza cubica di calcolo per soletta impalcato

Per quanto riguarda invece le nuove strutture, si avrà

$$R_{cd} = 30 \text{ MPa} / 1,50 = 20,00 \text{ MPa}$$

resistenza cubica di calcolo per pali di fondazioni

$$R_{cd} = 35 \text{ MPa} / 1,50 = 23,33 \text{ MPa}$$

resistenza cubica di calcolo per fondazioni

$$R_{cd} = 40 \text{ MPa} / 1,50 = 26,66 \text{ MPa}$$

resistenza cubica di calcolo per elevazioni

$$R_{cd} = 45 \text{ MPa} / 1,50 = 30,00 \text{ MPa}$$

resistenza cubica di calcolo per soletta impalcato

### 7.3. ACCIAIO

Si adotta per gli elementi esistenti la resistenza di calcolo così come determinata in relazione sulle strutture, per cui  $f_{yd} = 395 \text{ MPa} / 1,15 = 343,50 \text{ MPa}$

Per quanto attiene alle nuove strutture si adotterà un acciaio B450C.

## 8. ANALISI DEI CARICHI

### 8.1. G1 CARICHI PERMANENTI STRUTTURALI

Si valuta direttamente dalla geometria degli elementi strutturali modellati, a partire dal peso specifico del calcestruzzo armato pari a 25 MPa

### 8.2. G2 CARICHI PERMANENTI PORTATI

Si applica:

- per la pavimentazione un peso convenzionale di 24,00 KN/mc x 15 cm = 3,60 kN/mq;
- per il cordolo un peso di 0,15 m x 25 KN/mc = 3,75 kN/mq;
- per gli elementi marginali (barriera) un peso forfettario di 1,0 kN/ml;

### 8.3. VENTO

Data la particolare geometria dell'opera (portale interrato) possono trascurarsi le azioni del vento

### 8.4. EFFETTI INDOTTI DALLE VARIAZIONI TERMICHE

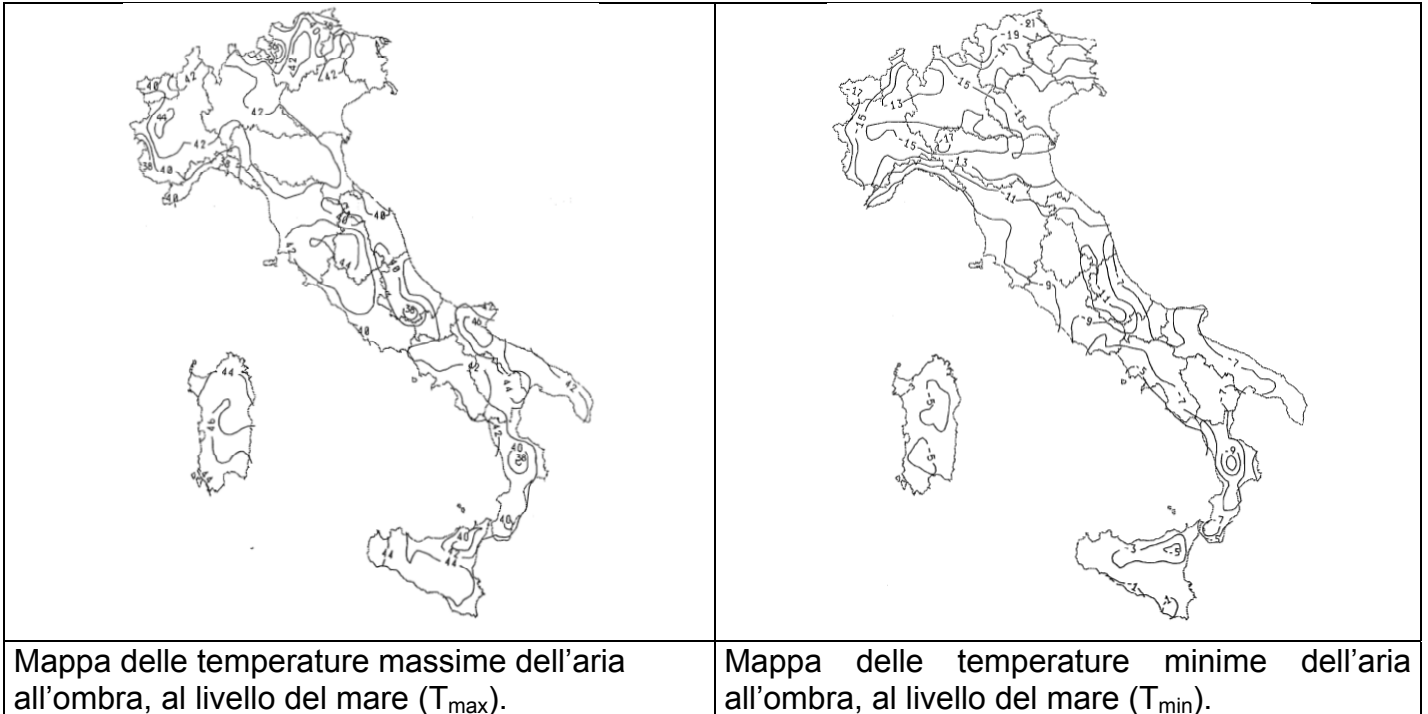
Quanto riportato nel presente paragrafo fa riferimento alla UNI-EN 1991-1-5 “Azioni sulle costruzioni – Parte 1-5: Azioni in generale – Azioni Termiche” e relativa Appendice Nazionale approvata dal Consiglio Superiore dei LL.PP. in data 24/09/2010.

PROGETTAZIONE ATI:



Componente di variazione uniforme della temperatura

La massima e minima temperatura dell'aria all'ombra sono fornite dalle seguenti mappe delle isoterme:



Nel sito di interesse, in prossimità della città di Rende, risulta:

$$T_{max} = 42^{\circ}$$

$$T_{min} = -2^{\circ}$$

La correzione in funzione dell'altitudine del sito, per la Zona Climatica IV (Calabria), è data dalle seguenti formule:

Zona IV

$$T_{min,h} = T_{min} - 9 \text{ h}/1000$$

$$T_{max,h} = T_{max} - 2 \text{ h}/1000$$

Essendo l'altitudine del sito in esame pari a circa 160 m s.l.m., risulta:

$$T_{min,h} = -2 - 9 \times 160/1000 = -3,4^{\circ}$$

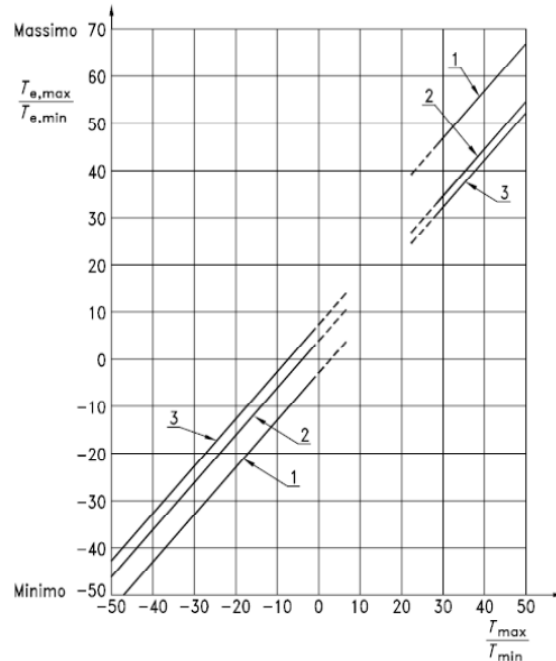
$$T_{max,h} = 42 - 2 \times 160/1000 \approx +42^{\circ}$$

La temperatura effettiva della struttura può essere a questo punto determinata mediante la curva 3 (ponti in calcestruzzo) del seguente grafico:

Correlazione tra minima/massima temperatura dell'aria all'ombra ( $T_{min}/T_{max}$ ) ed il minimo/massimo della temperatura effettiva del ponte ( $T_{e,min}/T_{e,max}$ )

Legenda

- 1 Gruppo 1
- 2 Gruppo 2
- 3 Gruppo 3



da cui:

$$T_{e, min} = -8^{\circ}$$

$$T_{e, max} = 42^{\circ};$$

Assumendo quale temperatura di riferimento (temperatura alla quale la struttura è stata vincolata) il valore proposto dall'Appendice Nazionale pari a  $T_0 = 15^{\circ}$ , le variazioni di temperatura risultano:

$$DT \text{ espansione} = T_{e, max} - T_0 = 42 - 15 = 27^{\circ}$$

$$DT \text{ contrazione} = T_{e, min} - T_0 = -23^{\circ}$$

Essendo l'opera iperstatica, l'azione della temperatura porta alla formazione di coazioni che possono diventare anche rilevanti all'interno della struttura, anche se la modesta luce della struttura (16,00 m) comporta sicuramente una attenuazione degli effetti.

### 8.5. AZIONE DI FRENAMENTO

L'azione di frenamento è pari a

$$180 \text{ kN} \leq q_3 = 0,6 (2Q_{1k}) + 0,10q_{1k} \cdot w_1 \cdot L \leq 900 \text{ kN}$$

Pertanto in questo caso si ha una porzione molto ridotta dell'impalcato interessata dal traffico, con la corsia di carico che non riesce a sovrapporsi con un intero asse di carico sulla struttura di impalcato, ma solo con la parte più esterna. Pertanto si ha

$$Q_{3,k} = 0,60 \times 600 \text{ KN} + 0,10 \times 9,00 \text{ KN/mq} \times 3,00 \text{ m} \times 16 \text{ m} \approx 400 \text{ KN}$$

PROGETTAZIONE ATI:



### 8.6. SPINTE TERRENO A TERGO DELLA SPALLA

L'azione del terreno a tergo delle spalle e dei muri andatori viene valutata su un regime di spinte a riposo. L'entità della spinta viene valutata sulla base delle caratteristiche del terreno del rilevato stradale, per cui

$$\gamma = 19,00 \text{ KN/mc} \quad \varphi = 35^\circ \quad c' = 0,00 \text{ KPa}$$

Il coefficiente di spinta a riposo è pertanto pari a  $K_0 = 1 - \tan \varphi = 0,426$

La spinta alla base del muro è pertanto pari a  $\sigma = \gamma K_0 H$  con altezza media pari a 6,00 m da cui si ottiene

$$\sigma = 48,56 \text{ KN/mxm}$$

### 8.7. SISMA

E' stata eseguita una indagine in situ con valutazione della risposta sismica locale. Per l'opera in esame, sono stati valutati gli spettri in SLD e SLV, da cui si ottengono i seguenti risultati:

SVINCOLO PK 5+275								
SLD								
Ag [g]	F0	Tc*	TB [s]	TC [s]	TD [s]	Se(0) [g]	Se(TB) [g]	S
0.198	2.22769	0.396	0.132	0.396	2.390	0.198	0.440	1.485
SLV								
Ag [g]	F0	Tc*	TB [s]	TC [s]	TD [s]	Se(0) [g]	Se(TB) [g]	S
0.568	2.405314	0.424	0.141	0.424	3.872	0.568	1.366	1.582

Per questo intervento la RSL e la modellazione utilizzata forniscono spettri elastici normalizzati allo SLV superiori rispetto al confronto con quelli derivati da normativa per tutti gli stati limiti

Lo spettro normalizzato di risposta elastico allo SLV viene pertanto riportato in forma tabellare:

Periodo [s]	Accelerazione [g]	Periodo [s]	Accelerazione [g]	Periodo [s]	Accelerazione [g]	Periodo [s]	Accelerazione [g]	Periodo [s]	Accelerazione [g]
0.00	0.5679	0.26	1.3660	0.52	1.1134	0.98	0.5908	2.25	0.2573
0.01	0.6244	0.27	1.3660	0.53	1.0924	1.00	0.5790	2.30	0.2517
0.02	0.6809	0.28	1.3660	0.54	1.0722	1.05	0.5514	2.35	0.2464
0.03	0.7374	0.29	1.3660	0.55	1.0527	1.10	0.5264	2.40	0.2412
0.04	0.7939	0.30	1.3660	0.56	1.0339	1.15	0.5035	2.50	0.2316
0.05	0.8503	0.31	1.3660	0.57	1.0158	1.20	0.4825	2.60	0.2227
0.06	0.9068	0.32	1.3660	0.58	0.9983	1.25	0.4632	2.70	0.2144
0.07	0.9633	0.33	1.3660	0.60	0.9650	1.30	0.4454	2.80	0.2068
0.08	1.0198	0.34	1.3660	0.62	0.9339	1.35	0.4289	2.90	0.1997
0.09	1.0763	0.35	1.3660	0.64	0.9047	1.40	0.4136	3.00	0.1930

PROGETTAZIONE ATI:

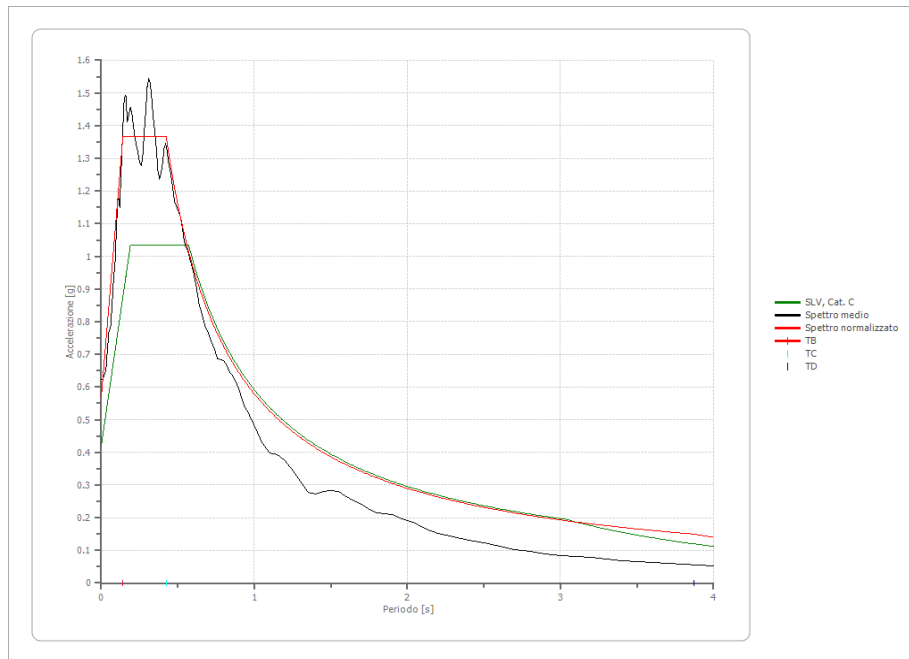
0.10	1.1328	0.36	1.3660	0.66	0.8773	1.45	0.3993	3.10	0.1868
0.11	1.1893	0.37	1.3660	0.68	0.8515	1.50	0.3860	3.20	0.1809
0.12	1.2458	0.38	1.3660	0.70	0.8271	1.55	0.3735	3.30	0.1755
0.13	1.3022	0.39	1.3660	0.72	0.8042	1.60	0.3619	3.40	0.1703
0.14	1.3587	0.40	1.3660	0.74	0.7824	1.65	0.3509	3.50	0.1654
0.15	1.3660	0.41	1.3660	0.76	0.7618	1.70	0.3406	3.60	0.1608
0.16	1.3660	0.42	1.3660	0.78	0.7423	1.75	0.3309	3.70	0.1565
0.17	1.3660	0.43	1.3465	0.80	0.7237	1.80	0.3217	3.80	0.1524
0.18	1.3660	0.44	1.3159	0.82	0.7061	1.85	0.3130	3.90	0.1485
0.19	1.3660	0.45	1.2867	0.84	0.6893	1.90	0.3047	4.00	0.1447
0.20	1.3660	0.46	1.2587	0.86	0.6732	1.95	0.2969		
0.21	1.3660	0.47	1.2319	0.88	0.6579	2.00	0.2895		
0.22	1.3660	0.48	1.2062	0.90	0.6433	2.05	0.2824		
0.23	1.3660	0.49	1.1816	0.92	0.6293	2.10	0.2757		
0.24	1.3660	0.50	1.1580	0.94	0.6159	2.15	0.2693		
0.25	1.3660	0.51	1.1353	0.96	0.6031	2.20	0.2632		

### Parametri spettro normalizzato

Ag [g]	F0	Tc*	TB [s]	TC [s]	TD [s]	Se(0) [g]	Se(TB) [g]	S
0.568	2.405314	--	0.141	0.424	3.872	0.568	1.366	1.582

Da cui si effettua un confronto con lo spettro elastico della normativa (**terreno tipo C**)

	Operatività SLO	Danno SLD	Salvaguardia vita SLV	Prev. collasso SLC
Tr [anni]	60	101	949	1950
ag [g]	0.102	0.133	0.359	0.468
Fo	2.286	2.328	2.467	2.508
Tc* [s]	0.31	0.327	0.403	0.435
Ss	1.50	1.50	1.17	1.00
St	1.00	1.00	1.00	1.00
Cc	1.55	1.52	1.42	1.38
TB [s]	0.160	0.166	0.190	0.200
TC [s]	0.479	0.497	0.571	0.601
TD [s]	2.008	2.132	3.036	3.472
Se(0) [g]	0.153	0.200	0.420	0.468
Se(TB) [g]	0.350	0.465	1.035	1.174



Data la peculiarità dell'opera, che si trova ad essere completamente interrata, per le verifiche sismiche si adatterà una analisi pseudo statica, applicando alle strutture una accelerazione inerziale pari proprio ad  $a_g S$  e a tergo di una delle due spalle una sovra spinta sismica pari a  $\gamma H a_g S$  (spinta a riposo + sovra spinta secondo la teoria di Wood)

## 9. COMBINAZIONI DI CARICO

Per le verifiche si adotteranno le seguenti combinazioni di carico

TABLE: Combination Definitions					
ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor
Text	Text	Yes/No	Text	Text	Unitless
SLU_1_1	Linear Add	No	Linear Static	G1_Tot	1.35
SLU_1_1			Linear Static	G2_Tot	1.35
SLU_1_1			Linear Static	Q1_Schema_1	1.35
SLU_2_1	Linear Add	No	Linear Static	G1_Tot	1.35
SLU_2_1			Linear Static	G2_Tot	1.35
SLU_2_1			Linear Static	Q1_Schema_1	1.35
SLU_2_1			Linear Static	Qterm	0.75
SLU_3_1	Linear Add	No	Linear Static	G1_Tot	1.35
SLU_3_1			Linear Static	G2_Tot	1.35
SLU_3_1			Linear Static	Q1_Schema_1	1.01
SLU_3_1			Linear Static	Q3_Fr	1.35
SLV_Ex	Linear Add	No	Linear Static	G1_Tot	1
SLV_Ex			Linear Static	G2_Tot	1
SLV_Ex			Linear Static	Q_sisma	1

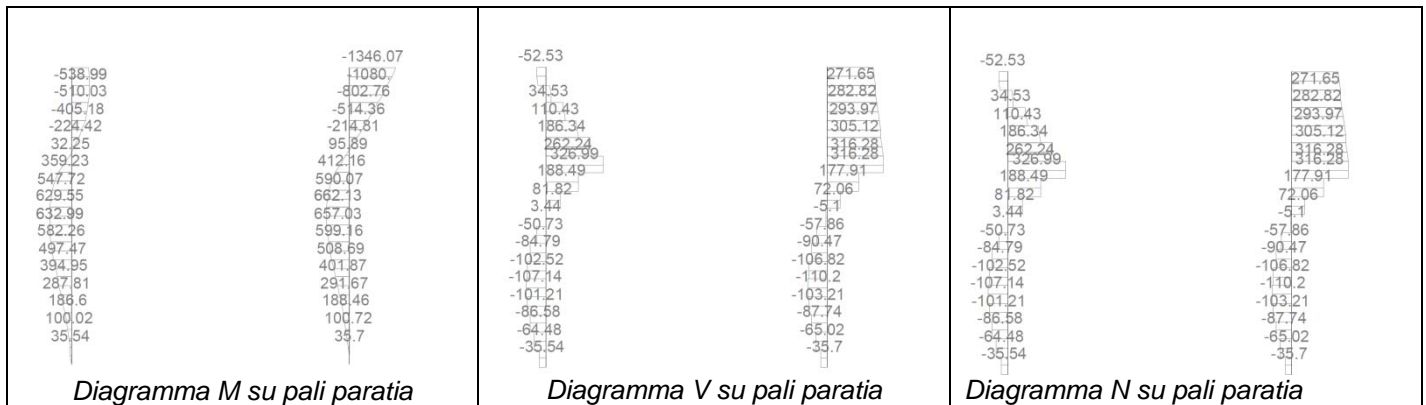
PROGETTAZIONE ATI:

SLE_RARA	Linear Add	No	Linear Static	G1_Tot	1.00
SLE_RARA			Linear Static	G2_Tot	1.00
SLE_RARA			Moving Load	Q1_Schema_1	1.00
SLE_FREQ	Linear Add	No	Linear Static	G1_Tot	1.00
SLE_FREQ			Linear Static	G2_Tot	1.00
SLU_FREQ			Moving Load	Q1_Schema_1	0.75
SLE_QPERM	Linear Add	No	Linear Static	G1_Tot	1.00
SLE_QPERM			Linear Static	G2_Tot	1.00

## 10. RISULTATI DI ANALISI E VERIFICA ELEMENTI

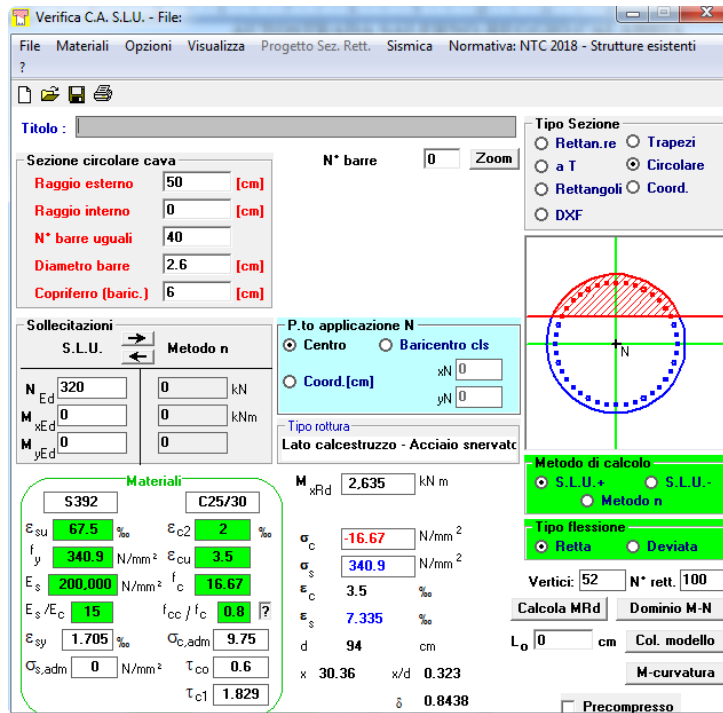
### 10.1. PALI DI FONDAZIONE

Le maggiori sollecitazioni si riscontrano in concomitanza delle combinazioni sismiche. I pali maggiormente sollecitati presentano le seguenti sollecitazioni, riferite alla coppia di pali posta in posizione intermedia all'interno dello sviluppo della paratia:



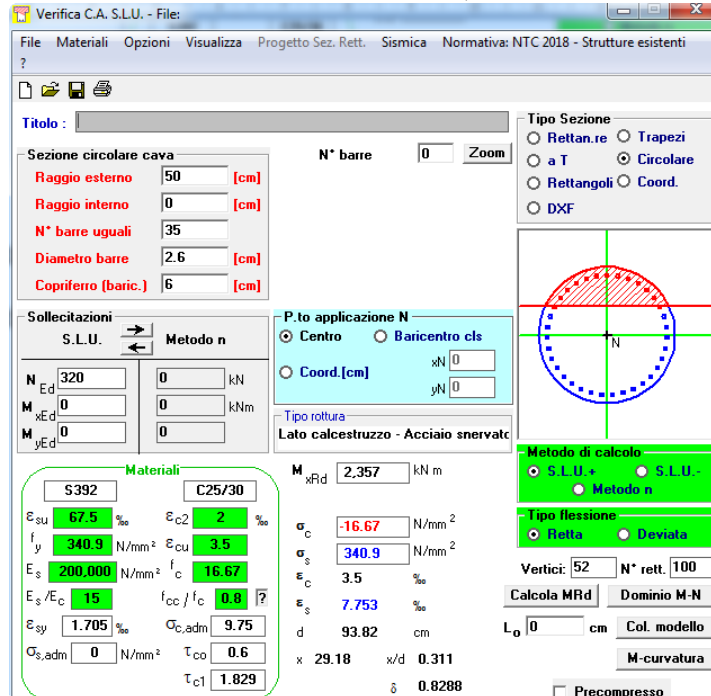
$$M_{Edxx} = 1346 \text{ KNm} \quad V_{Edy} = 326 \text{ KN} \quad N = 320 \text{ KN}$$

La verifica è eseguita con codice di calcolo VCaSLU: si adottando pali armati con 40 Ø26 nella parte apicale, come riportato dai disegni di contabilità, adottando le resistenze dei materiali derivanti dall'elaborazione dei risultati delle indagini conoscitive.



La verifica è soddisfatta

Lungo il fusto del palo, le armature si riducono a 35 Ø26, da cui si ottiene:



Per la verifica a taglio si adotta foglio di calcolo precompilato, adottando come armatura di rinforzo quella della spirale Ø12/10 , per cui

PROGETTAZIONE ATI:

<b>Calcestruzzo</b>		<b>Acciaio</b>	
Classe	C25/30	fyk=	395 N/mm <sup>2</sup>
Rck=	30 N/mm <sup>2</sup>	Gs=	1.15
fck=	24.9 N/mm <sup>2</sup>	fyd=	343.48 N/mm <sup>2</sup>
γc=	1.5		
acc=	0.85		
fcd=	14.11 N/mm <sup>2</sup>		

Diametro	100	cm		
Copriferro	6	cm		
Atot	7853.982	cm <sup>2</sup>		
rs	44	cm		
α	0.594658	rad	sin α =	0.560225
Av	6573.779	cm <sup>2</sup>		
As =	40	Ø26		
	0	Ø14		
	0	Ø14		
As,tot =	212.37	cmq		

<b>METODO di Clarke - Birjandi</b>		
d	78.01	cm
bw	84.27	cm
h	93.20	cm
<b>DATI GEOMETRIA</b>		
B=	84.27	cm
H=	93.20	cm
d=	78.01	cm

**RESISTENZA ELEMENTI PRIVI DI ARMATURA A TAGLIO**

Nc=	320	KN
k =	1.51	
v min =	0.32	
ρ <sub>1</sub> =	0.020	
σ <sub>cp</sub> =	0.41	N/mm <sup>2</sup>
Vrd =	454.30	KN

**RESISTENZA ELEMENTI CON ARMATURA A TAGLIO**

Asw =	2	Ø12
	2.26	cmq
s =	10	cm
θ =	20.88	°
α =	90	°
α <sub>c</sub> =	1.028876	
ctg(θ)=	2.5	
VRsd =	1363.71	KN
VRcd =	1480.88	KN
VRd =	1363.71	KN

<b>METODO del quadrato inscritto</b>		
d	70.71	cm
bw	70.71	cm
h	111.07	cm
<b>DATI GEOMETRIA</b>		
B=	70.71	cm
H=	111.07	cm
d=	70.71	cm

**RESISTENZA ELEMENTI PRIVI DI ARMATURA A TAGLIO**

Nc=	50	KN
k =	1.53	
v min =	0.33	
ρ <sub>1</sub> =	0.020	
σ <sub>cp</sub> =	0.06	N/mm <sup>2</sup>
Vrd =	345.54	KN

**RESISTENZA ELEMENTI CON ARMATURA A TAGLIO**

Asw =	2	Ø12
	2.26	cmq
s =	10	cm
θ =	23.19	°
α =	90	°
α <sub>c</sub> =	1.004512	
ctg(θ)=	2.33451	
VRsd =	1154.26	KN
VRcd =	1154.26	KN
VRd =	1154.26	KN

La verifica è ampiamente soddisfatta

PROGETTAZIONE ATI:



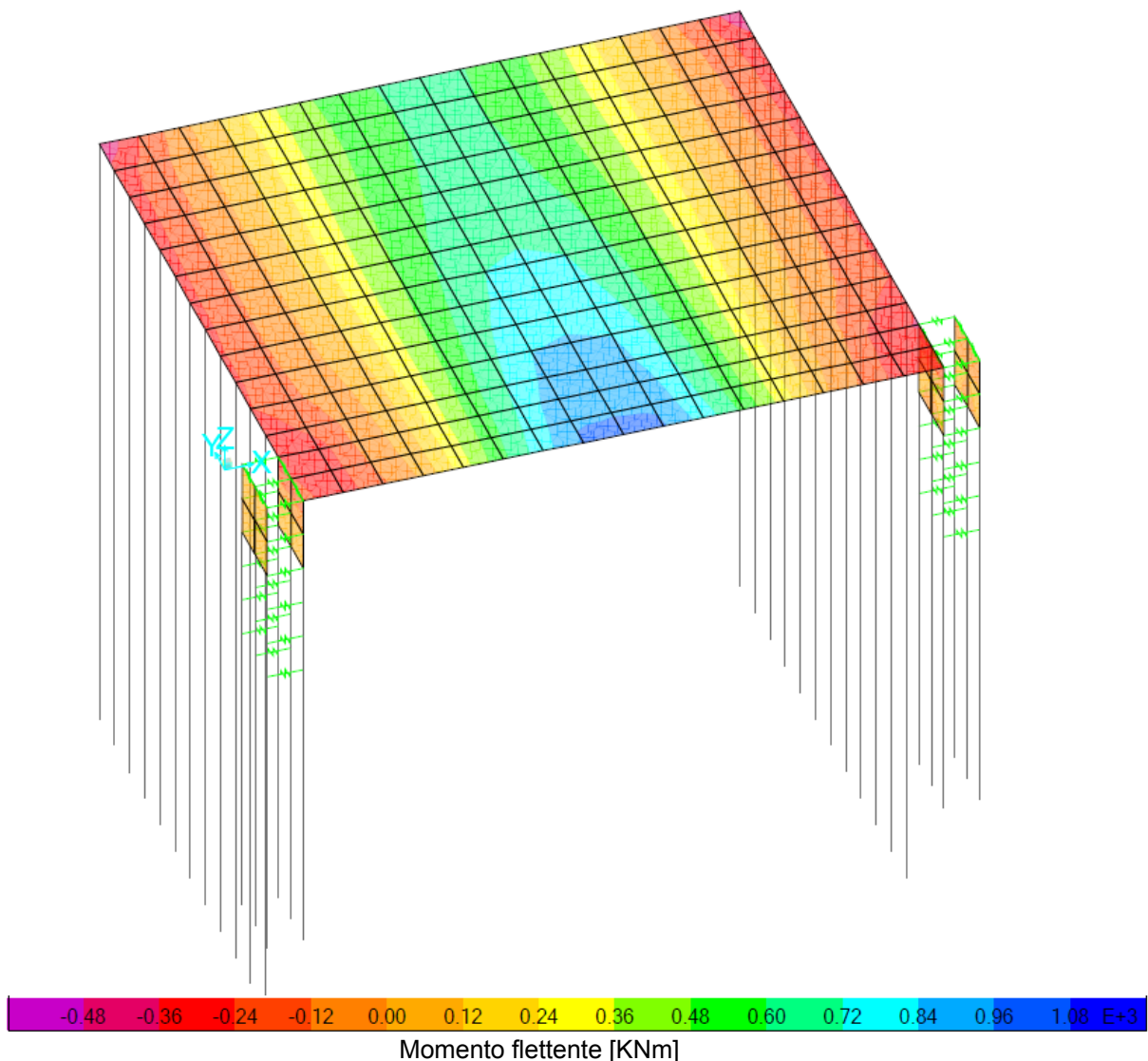
## 10.2. SOLETTA DI IMPALCATO

Le sollecitazioni flettenti massime si hanno in prossimità della mezzeria, a ridosso del bordo laterale, in combinazione statica, con l'azione prodotta dai veicoli in transito (schema di carico n.1 delle NTC18). L'azione tagliante massima invece si riscontra in prossimità del bordo, sempre in combinazione di carico statica.

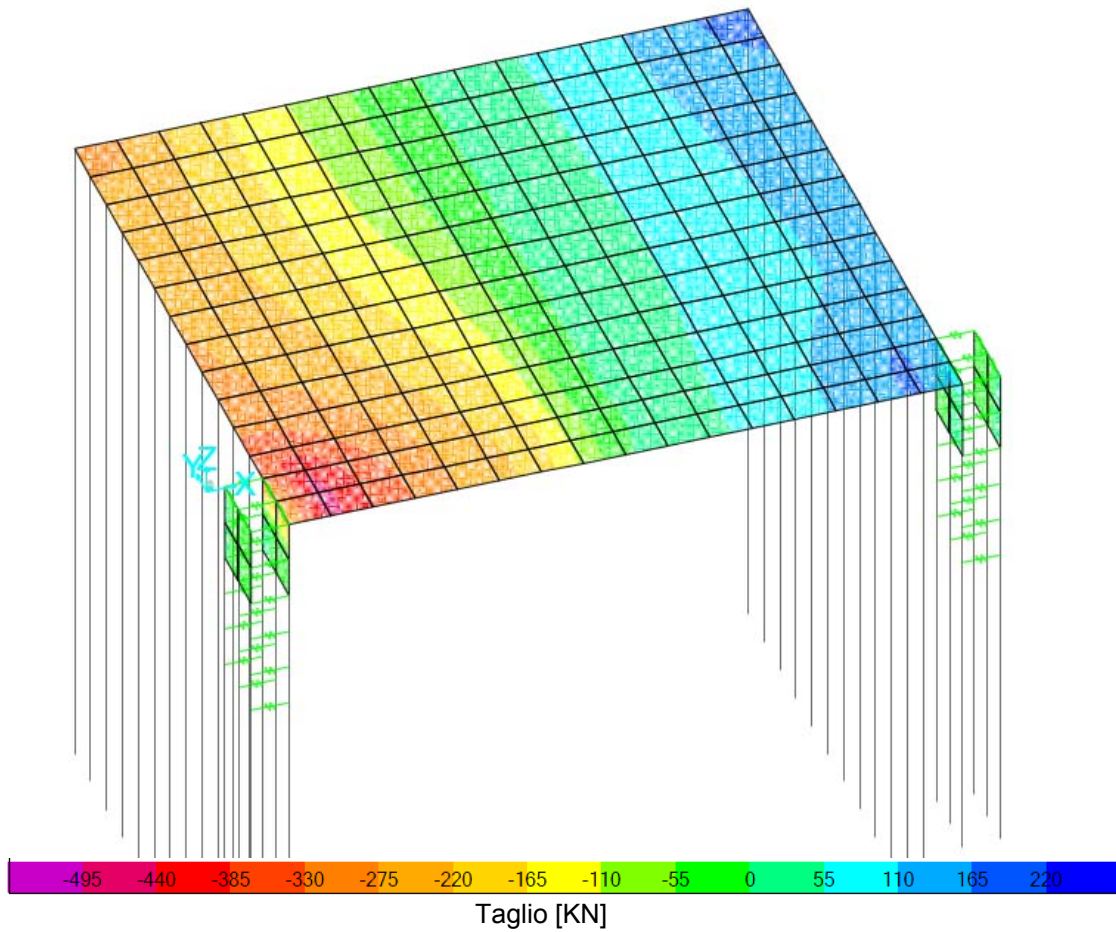
In questo caso si distinguono le sollecitazioni registrate sulla porzione di soletta pre-esistente, pari a  
 $M_{Edxx} = 872 \text{ KNm/m}$      $V_{Edy} = 297 \text{ KN/m}$

Mentre per la porzione di nuova realizzazione si ha

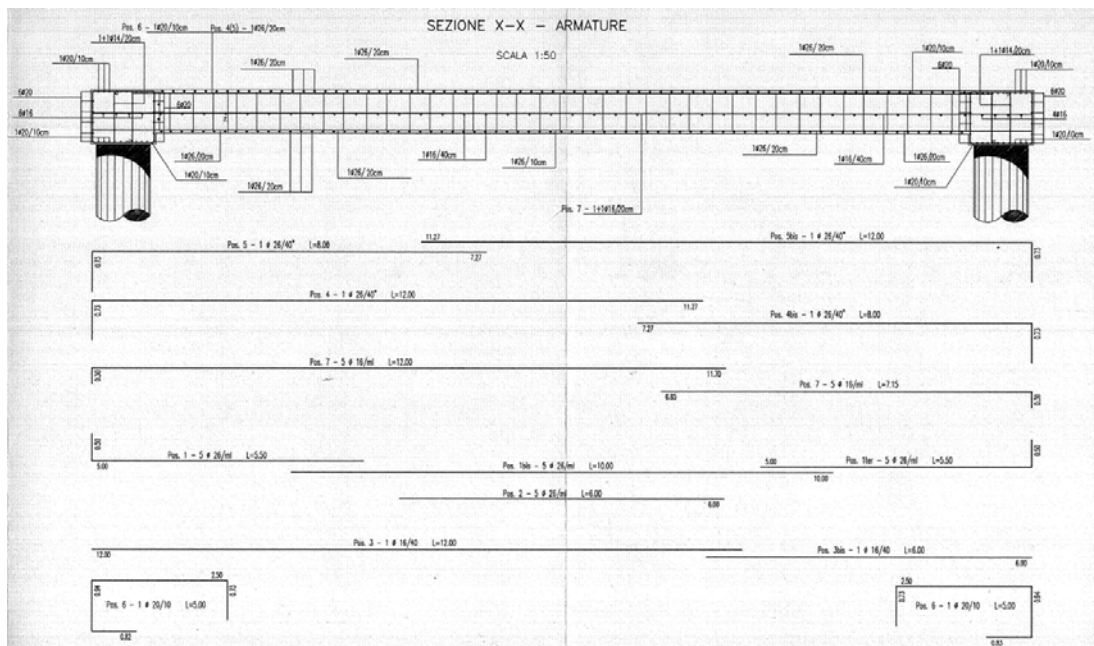
$M_{Edxx} = 980,40 \text{ KNm/m}$      $V_{Edy} = 458 \text{ KN/m}$



PROGETTAZIONE ATI:

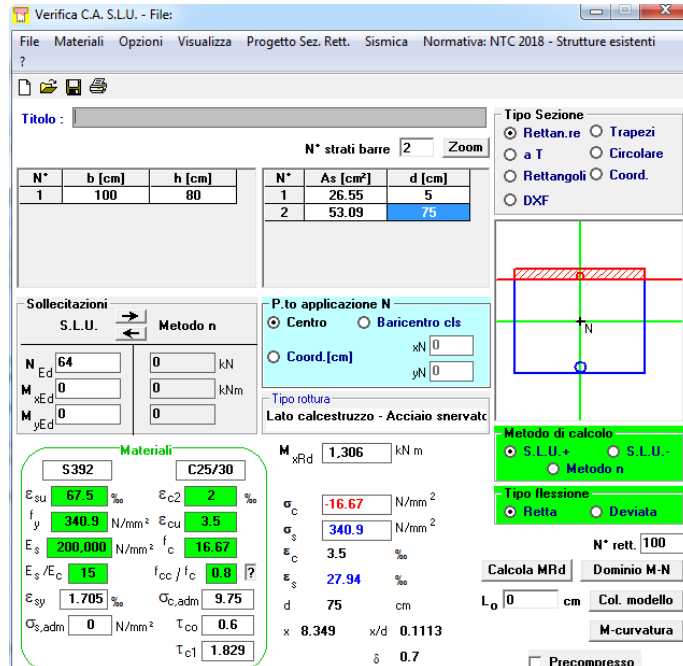


La soletta esistente è armata in mezzeria con  $\varnothing 26/10$ , secondo il seguente schema



PROGETTAZIONE ATI:

La verifica viene eseguita con codice di calcolo VCaSLU, per cui nel caso della soletta esistente si ha



Pertanto la struttura esistente è verificata.

Per la parte di nuova realizzazione, adottando il medesimo quantitativo di armatura, si ottiene un momento resistente pari o superiore a quello della struttura esistente e pertanto verificata.

Per quanto riguarda invece le azioni taglianti, le estremità dell'impalcato sono armate con distanziatori Ø16/40x40. Si adotta direttamente quest'ultima, per cui

	Calcestruzzo		Acciaio
Classe	C28/35	Tipo	
Rck=	35 N/mm <sup>2</sup>	f <sub>yk</sub> =	395 N/mm <sup>2</sup>
fck=	29.05 N/mm <sup>2</sup>	G <sub>s</sub> =	1.15
γ <sub>c</sub> =	1.5	f <sub>yd</sub> =	343.50 N/mm <sup>2</sup>
α <sub>cc</sub> =	0.85		
fcd=	16.46167 N/mm <sup>2</sup>		

**DATI GEOMETRIA**

B=	100	cm	
H=	80	cm	
c=	5	cm	copriferro
d=	75	cm	altezza utile
As =	10	Ø26	
	0	Ø26	
	0	Ø14	
As,tot =	53.09	cm <sup>2</sup>	armatura tesa

**RESISTENZA ELEMENTI PRIVI DI ARMATURA A TAGLIO**

V <sub>rd</sub> =	373.91	KN	N <sub>c</sub> =	0	KN
			k =	1.52	
			v min =	0.35	
			ρ <sub>1</sub> =	0.007	
			σ <sub>cp</sub> =	0.00	N/mm <sup>2</sup>

PROGETTAZIONE ATI:



Area dell'armatura tesa	As	5309 [mm <sup>2</sup> ]
Area dell'armatura compressa	A's	2655 [mm <sup>2</sup> ]
Posizione dell'asse neutro	x	251.64 [mm]
Momento d'inerzia della sezione rispetto a x	J	26709974913 [mm <sup>4</sup> ]
Tensione ammissibile nel calcestruzzo nella combinazione quasi permanente	$\sigma_{c,q.p.}$	12.6 [MPa]
Tensione ammissibile nell'acciaio per le combinazioni a SLS	$\sigma_s$	360 [MPa]
<b>Tensione nel calcestruzzo</b>	<b><math>\sigma_c</math></b>	<b>3.39 [MPa]</b>
<b>Tensione nell'armatura tesa</b>	<b><math>\sigma_s</math></b>	<b>100.70 [MPa]</b>

CONTROLLO DI FESSURAZIONE A SLS			
Altezza della sezione trasversale di calcestruzzo	h	800 [mm]	
Larghezza della sezione trasversale di calcestruzzo	b	1000 [mm]	
Copriferro	d'	50 [mm]	
Altezza utile della sezione	d	750 [mm]	
Area dell'armatura tesa	As	5309 [mm <sup>2</sup> ]	
Area dell'armatura compressa	A's	2655 [mm <sup>2</sup> ]	
Distanza tra il bordo del cls e l'armatura	c	50 [mm]	
Distanza tra i baricentri delle barre	s	100 [mm]	
Distanza massima di riferimento tra le barre	$s_{rif,max}$	315 [mm]	
Calcolo dell'ampiezza delle fessure - Combinazione Quasi Permanente			
<b>Momento sollecitante per la combinazione Quasi Permanente</b>	<b><math>M_{Ed,q.p.}</math></b>	<b>359.79 [kNm]</b>	
Durata del carico		lunga [-]	
Posizione dell'asse neutro dal lembo superiore	x	251.64 [mm]	
Tensione indotta nell'armatura tesa considerando la sezione fessurata	$\sigma_s$	100.70 [MPa]	
Valore medio della resistenza a trazione efficace del calcestruzzo	$f_{ct,eff}$	2.8 [MPa]	
Fattore dipendente dalla durata del carico	$k_t$	0.4 [-]	
Altezza efficace	$h_{c,eff}$	125 [mm]	
Area efficace del calcestruzzo teso attorno all'armatura	$A_{c,eff}$	125000 [mm <sup>2</sup> ]	
Rapporto geometrico sull'area efficace	$\rho_{p,eff}$	0.04247 [-]	
Rapporto tra $E_s/E_{cm}$	$\alpha_e$	6.19 [-]	
Differenza tra la deformazione nell'acciaio e quella nel calcestruzzo	$\epsilon_{sm} - \epsilon_{cm}$	0.000339 [-]	
		0.000339 [-]	
Determinazione del diametro equivalente delle barre tese	$\phi_{eq}$	26.00 [mm]	
Coefficiente che tiene conto dell'aderenza migliorata delle barre	$k_1$	0.8 [-]	
Coefficiente che tiene conto della flessione pura	$k_2$	0.5 [-]	
	$k_3$	3.4 [-]	
	$k_4$	0.425 [-]	
Distanza massima tra le fessure	$s_{r,max}$	274.06 [mm]	
		274.06 [mm]	
<b>Ampiezza delle fessure</b>	<b><math>w_k</math></b>	<b>0.0929 [mm]</b>	
<b>Ampiezza massima delle fessure</b>	<b><math>w_{max}</math></b>	<b>0.2 [mm]</b>	
Calcolo dell'ampiezza delle fessure - Combinazione Frequente			
<b>Momento sollecitante per la combinazione Frequente</b>	<b><math>M_{Ed,freq.}</math></b>	<b>639.64 [kNm]</b>	
Durata del carico		lunga [-]	
Posizione dell'asse neutro dal lembo superiore	x	251.64 [mm]	
Tensione indotta nell'armatura tesa considerando la sezione fessurata	$\sigma_s$	179.02 [MPa]	
Valore medio della resistenza a trazione efficace del calcestruzzo	$f_{ct,eff}$	2.8 [MPa]	
Fattore dipendente dalla durata del carico	$k_t$	0.4 [-]	
Altezza efficace	$h_{c,eff}$	125 [mm]	
Area efficace del calcestruzzo teso attorno all'armatura	$A_{c,eff}$	125000 [mm <sup>2</sup> ]	
Rapporto geometrico sull'area efficace	$\rho_{p,eff}$	0.04247 [-]	
Rapporto tra $E_s/E_{cm}$	$\alpha_e$	6.19 [-]	
Differenza tra la deformazione nell'acciaio e quella nel calcestruzzo	$\epsilon_{sm} - \epsilon_{cm}$	0.000731 [-]	
		0.000731 [-]	
Determinazione del diametro equivalente delle barre tese	$\phi_{eq}$	26.00 [mm]	
Coefficiente che tiene conto dell'aderenza migliorata delle barre	$k_1$	0.8 [-]	
Coefficiente che tiene conto della flessione pura	$k_2$	0.5 [-]	
	$k_3$	3.4 [-]	
	$k_4$	0.425 [-]	
Distanza massima tra le fessure	$s_{r,max}$	274.06 [mm]	
		274.06 [mm]	
<b>Ampiezza delle fessure</b>	<b><math>w_k</math></b>	<b>0.2002 [mm]</b>	

PROGETTAZIONE ATI:



Ampiezza massima delle fessure

$W_{max}$

0.3

[mm]

## 11. VERIFICA NUOVI MURI DI IMBOCCO

Si riportano nel seguito le verifiche eseguite sui nuovi muri di imbocco a sostegno del rilevato stradale e fondati su pali.

La verifica viene eseguita direttamente sulla sezione di altezza media pari a 4,00 m misurato dallo spiccatto di fondazione, di cui fuori terra circa 3,00 m. Il paramento verticale sarà di spessore 80 cm, con zattera di fondazione 100 cm di tipo superficiale.

Le verifiche vengono eseguite con codice di calcolo MAX della Aztec Informatica di cui si riportano gli output

### Richiami teorici

Il calcolo dei muri di sostegno viene eseguito secondo le seguenti fasi:

- Calcolo della spinta del terreno
- Verifica a ribaltamento
- Verifica a scorrimento del muro sul piano di posa
- Verifica della stabilità complessa fondazione terreno (carico limite)
- Verifica della stabilità globale

Se il muro è in calcestruzzo armato: Calcolo delle sollecitazioni sia del muro che della fondazione, progetto delle armature e relative verifiche dei materiali.

Se il muro è a gravità: Calcolo delle sollecitazioni sia del muro che della fondazione e verifica in diverse sezioni al ribaltamento, allo scorrimento ed allo schiacciamento.

### Calcolo della spinta sul muro

#### *Valori caratteristici e valori di calcolo*

Effettuando il calcolo tramite gli Eurocodici è necessario fare la distinzione fra i parametri caratteristici ed i valori di calcolo (o di progetto) sia delle azioni che delle resistenze.

I valori di calcolo si ottengono dai valori caratteristici mediante l'applicazione di opportuni coefficienti di sicurezza parziali  $\gamma$ . In particolare si distinguono combinazioni di carico di tipo **A1-M1** nelle quali vengono incrementati i carichi e lasciati inalterati i parametri di resistenza del terreno e combinazioni di carico di tipo **A2-M2** nelle quali vengono ridotti i parametri di resistenza del terreno e incrementati i soli carichi variabili.

#### *Metodo di Culmann*

Il metodo di Culmann adotta le stesse ipotesi di base del metodo di Coulomb. La differenza sostanziale è che mentre Coulomb considera un terrapieno con superficie a pendenza costante e carico uniformemente distribuito (il che permette di ottenere una espressione in forma chiusa per il coefficiente di spinta) il metodo di Culmann consente di analizzare situazioni con profilo di forma generica e carichi sia concentrati che distribuiti comunque disposti. Inoltre, rispetto al metodo di Coulomb, risulta più immediato e lineare tener conto della coesione del masso spingente. Il metodo di Culmann, nato come metodo essenzialmente grafico, si è evoluto per essere trattato mediante analisi numerica (noto in questa forma come metodo del cuneo di tentativo). Come il metodo di Coulomb anche questo metodo considera una superficie di rottura rettilinea.

I passi del procedimento risolutivo sono i seguenti:

- si impone una superficie di rottura (angolo di inclinazione  $\rho$  rispetto all'orizzontale) e si considera il cuneo di spinta delimitato dalla superficie di rottura stessa, dalla parete su cui si calcola la spinta e dal profilo del terreno;
- si valutano tutte le forze agenti sul cuneo di spinta e cioè peso proprio ( $W$ ), carichi sul terrapieno, resistenza per attrito e per coesione lungo la superficie di rottura ( $R$  e  $C$ ) e resistenza per coesione lungo la parete ( $A$ );
- dalle equazioni di equilibrio si ricava il valore della spinta  $S$  sulla parete.

Questo processo viene iterato fino a trovare l'angolo di rottura per cui la spinta risulta massima.

La convergenza non si raggiunge se il terrapieno risulta inclinato di un angolo maggiore dell'angolo d'attrito del terreno.

Nei casi in cui è applicabile il metodo di Coulomb (profilo a monte rettilineo e carico uniformemente distribuito) i risultati ottenuti col metodo di Culmann coincidono con quelli del metodo di Coulomb.

PROGETTAZIONE ATI:



Le pressioni sulla parete di spinta si ricavano derivando l'espressione della spinta  $S$  rispetto all'ordinata  $z$ . Noto il diagramma delle pressioni è possibile ricavare il punto di applicazione della spinta.

### *Spinta in presenza di falda*

Nel caso in cui a monte del muro sia presente la falda il diagramma delle pressioni sul muro risulta modificato a causa della sottospinta che l'acqua esercita sul terreno. Il peso di volume del terreno al di sopra della linea di falda non subisce variazioni. Viceversa al di sotto del livello di falda va considerato il peso di volume di galleggiamento

$$\gamma' = \gamma_{\text{sat}} - \gamma_w$$

dove  $\gamma_{\text{sat}}$  è il peso di volume saturo del terreno (dipendente dall'indice dei pori) e  $\gamma_w$  è il peso specifico dell'acqua. Quindi il diagramma delle pressioni al di sotto della linea di falda ha una pendenza minore. Al diagramma così ottenuto va sommato il diagramma triangolare legato alla pressione idrostatica esercitata dall'acqua.

### *Spinta in presenza di sisma*

Per tener conto dell'incremento di spinta dovuta al sisma si fa riferimento al metodo di Mononobe-Okabe (cui fa riferimento la Normativa Italiana). La Normativa Italiana suggerisce di tener conto di un incremento di spinta dovuto al sisma nel modo seguente.

Detta  $\varepsilon$  l'inclinazione del terrapieno rispetto all'orizzontale e  $\beta$  l'inclinazione della parete rispetto alla verticale, si calcola la spinta  $S'$  considerando un'inclinazione del terrapieno e della parte pari a

$$\varepsilon' = \varepsilon + \theta \quad \beta' = \beta + \theta$$

dove  $\theta = \arctg(k_h/(1 \pm k_v))$  essendo  $k_h$  il coefficiente sismico orizzontale e  $k_v$  il coefficiente sismico verticale, definito in funzione di  $k_h$ . In presenza di falda a monte,  $\theta$  assume le seguenti espressioni:

Terreno a bassa permeabilità

$$\theta = \arctan\left(\frac{\gamma_{\text{sat}}}{\gamma_{\text{sat}} - \gamma_w} \frac{k_h}{1 \pm k_v}\right)$$

Terreno a permeabilità elevata

$$\theta = \arctan\left(\frac{\gamma}{\gamma_{\text{sat}} - \gamma_w} \frac{k_h}{1 \pm k_v}\right)$$

Detta  $S$  la spinta calcolata in condizioni statiche l'incremento di spinta da applicare è espresso da

$$\Delta S = AS' - S$$

dove il coefficiente  $A$  vale

$$A = \frac{\cos^2(\beta + \theta)}{\cos^2 \beta \cos \theta}$$

In presenza di falda a monte, nel coefficiente  $A$  si tiene conto dell'influenza dei pesi di volume nel calcolo di  $\theta$ .

Adottando il metodo di Mononobe-Okabe per il calcolo della spinta, il coefficiente  $A$  viene posto pari a 1.

Tale incremento di spinta è applicato a metà altezza della parete di spinta nel caso di forma rettangolare del diagramma di incremento sismico, allo stesso punto di applicazione della spinta statica nel caso in cui la forma del diagramma di incremento sismico è uguale a quella del diagramma statico.

Oltre a questo incremento bisogna tener conto delle forze d'inerzia orizzontali e verticali che si destano per effetto del sisma. Tali forze vengono valutate come

$$F_{IH} = k_h W \quad F_{IV} = \pm k_v W$$

dove  $W$  è il peso del muro, del terreno soprastante la mensola di monte ed i relativi sovraccarichi e va applicata nel baricentro dei pesi.

Il metodo di Culmann tiene conto automaticamente dell'incremento di spinta. Basta inserire nell'equazione risolutiva la forza d'inerzia del cuneo di spinta. La superficie di rottura nel caso di sisma risulta meno inclinata della corrispondente superficie in assenza di sisma.

### Verifica a ribaltamento

PROGETTAZIONE ATI:

La verifica a ribaltamento consiste nel determinare il momento risultante di tutte le forze che tendono a fare ribaltare il muro (momento ribaltante  $M_r$ ) ed il momento risultante di tutte le forze che tendono a stabilizzare il muro (momento stabilizzante  $M_s$ ) rispetto allo spigolo a valle della fondazione e verificare che il rapporto  $M_s/M_r$  sia maggiore di un determinato coefficiente di sicurezza  $\eta_r$ .  
Deve quindi essere verificata la seguente disequaglianza:

$$\frac{M_s}{M_r} \geq \eta_r$$

Il momento ribaltante  $M_r$  è dato dalla componente orizzontale della spinta  $S$ , dalle forze di inerzia del muro e del terreno gravante sulla fondazione di monte (caso di presenza di sisma) per i rispettivi bracci. Nel momento stabilizzante interviene il peso del muro (applicato nel baricentro) ed il peso del terreno gravante sulla fondazione di monte. Per quanto riguarda invece la componente verticale della spinta essa sarà stabilizzante se l'angolo d'attrito terra-muro  $\delta$  è positivo, ribaltante se  $\delta$  è negativo.  $\delta$  è positivo quando è il terrapieno che scorre rispetto al muro, negativo quando è il muro che tende a scorrere rispetto al terrapieno (questo può essere il caso di una spalla da ponte gravata da carichi notevoli). Se sono presenti dei tiranti essi contribuiscono al momento stabilizzante.

Questa verifica ha significato solo per fondazione superficiale e non per fondazione su pali.

### Verifica a scorrimento

Per la verifica a scorrimento del muro lungo il piano di fondazione deve risultare che la somma di tutte le forze parallele al piano di posa che tendono a fare scorrere il muro deve essere minore di tutte le forze, parallele al piano di scorrimento, che si oppongono allo scivolamento, secondo un certo coefficiente di sicurezza. La verifica a scorrimento risulta soddisfatta se il rapporto fra la risultante delle forze resistenti allo scivolamento  $F_r$  e la risultante delle forze che tendono a fare scorrere il muro  $F_s$  risulta maggiore di un determinato coefficiente di sicurezza  $\eta_s$ .

$$\frac{F_r}{F_s} \geq \eta_s$$

Le forze che intervengono nella  $F_s$  sono: la componente della spinta parallela al piano di fondazione e la componente delle forze d'inerzia parallela al piano di fondazione.

La forza resistente è data dalla resistenza d'attrito e dalla resistenza per adesione lungo la base della fondazione. Detta  $N$  la componente normale al piano di fondazione del carico totale gravante in fondazione e indicando con  $\delta_f$  l'angolo d'attrito terreno-fondazione, con  $c_a$  l'adesione terreno-fondazione e con  $B_f$  la larghezza della fondazione reagente, la forza resistente può esprimersi come

$$F_r = N \tan \delta_f + c_a B_f$$

La Normativa consente di computare, nelle forze resistenti, una aliquota dell'eventuale spinta dovuta al terreno posto a valle del muro. In tal caso, però, il coefficiente di sicurezza deve essere aumentato opportunamente. L'aliquota di spinta passiva che si può considerare ai fini della verifica a scorrimento non può comunque superare il 50 per cento.

Per quanto riguarda l'angolo d'attrito terra-fondazione,  $\delta_f$ , diversi autori suggeriscono di assumere un valore di  $\delta_f$  pari all'angolo d'attrito del terreno di fondazione.

### Verifica al carico limite

Il rapporto fra il carico limite in fondazione e la componente normale della risultante dei carichi trasmessi dal muro sul terreno di fondazione deve essere superiore a  $\eta_q$ . Cioè, detto  $Q_u$ , il carico limite ed  $R$  la risultante verticale dei carichi in fondazione, deve essere:

$$\frac{Q_u}{R} \geq \eta_q$$

Si adotta per il calcolo del carico limite in fondazione il metodo di MEYERHOF.

L'espressione del carico ultimo è data dalla relazione:

$$q_u = c N_c s_c d_c i_c + q N_q s_q d_q i_q + 0.5 B \gamma N_\gamma s_\gamma d_\gamma i_\gamma$$

In questa espressione:

c	coesione del terreno in fondazione
$\phi$	angolo di attrito del terreno in fondazione
$\gamma$	peso di volume del terreno in fondazione
B	larghezza della fondazione
D	profondità del piano di posa
q	pressione geostatica alla quota del piano di posa
N	fattori di capacità portante
d	fattori di profondità del piano di posa
i	fattori di inclinazione del carico

PROGETTAZIONE ATI:

Fattori di capacità portante		$N_c = (N_q - 1) \cot \varphi$	$N_q = e^{\pi \tan \varphi} K_p$	$N_\gamma = (N_q - 1) \tan(1.4\varphi)$
Fattori di forma	$\varphi = 0$	$s_c = 1 + 0.2K_p \frac{B'}{L'}$	$s_q = 1$	$s_\gamma = 1$
	$\varphi > 0$	$s_c = 1 + 0.2K_p \frac{B'}{L'}$	$s_q = 1 + 0.1K_p \frac{B'}{L'}$	$s_\gamma = 1 + 0.1K_p \frac{B'}{L'}$
Fattori di profondità	$\varphi = 0$	$d_c = 1 + 0.2 \frac{D}{B} \sqrt{K_p}$	$d_q = 1$	$d_\gamma = 1$
	$\varphi > 0$	$d_c = 1 + 0.2 \frac{D}{B} \sqrt{K_p}$	$d_q = 1 + 0.1 \frac{D}{B} \sqrt{K_p}$	$d_\gamma = 1 + 0.1 \frac{D}{B} \sqrt{K_p}$
Fattori di inclinazione del carico	$\varphi = 0$	$i_c = \left(1 - \frac{\theta^\circ}{90^\circ}\right)^2$	$i_q = \left(1 - \frac{\theta^\circ}{90^\circ}\right)^2$	$i_\gamma = 0$
	$\varphi > 0$	$i_c = \left(1 - \frac{\theta^\circ}{90^\circ}\right)^2$	$i_q = \left(1 - \frac{\theta^\circ}{90^\circ}\right)^2$	$i_\gamma = \left(1 - \frac{\theta^\circ}{\varphi^\circ}\right)^2$

Indichiamo con  $K_p$  il coefficiente di spinta passiva espresso da:

$$K_p = \tan^2 \left( 45^\circ + \frac{\varphi}{2} \right)$$

### Riduzione per eccentricità del carico

Nel caso in cui il carico al piano di posa della fondazione risulta eccentrico, Meyerhof propone di moltiplicare la capacità portante ultima per un fattore correttivo  $R_e$

$R_e = 1.0 - 2.0 \frac{e}{B}$	per terreni coesivi
$R_e = 1.0 - \sqrt{\frac{e}{B}}$	per terreni incoerenti

con  $e$  eccentricità del carico e  $B$  la dimensione minore della fondazione.

### Riduzione per effetto piastra

Per valori elevati di  $B$  (dimensione minore della fondazione), Bowles propone di utilizzare un fattore correttivo  $r_\gamma$  del solo termine sul peso di volume ( $0.5 B \gamma N_\gamma$ ) quando  $B$  supera i 2 m.

$$r_\gamma = 1.0 + 0.25 \log \frac{B}{2.0}$$

Il termine sul peso di volume diventa:

$$0.5B\gamma N_\gamma r_\gamma$$

### Verifica alla stabilità globale

La verifica alla stabilità globale del complesso muro+terreno deve fornire un coefficiente di sicurezza non inferiore a  $\eta_g$ .

Viene usata la tecnica della suddivisione a strisce della superficie di scorrimento da analizzare. La superficie di scorrimento viene supposta circolare e determinata in modo tale da non avere intersezione con il profilo del muro. Si determina il minimo coefficiente di sicurezza su una maglia di centri di dimensioni 10x10 posta in prossimità della sommità del muro. Il numero di strisce è pari a 25.

Si adotta per la verifica di stabilità globale il metodo di Bishop.

Il coefficiente di sicurezza nel metodo di Bishop si esprime secondo la seguente formula:

$$\eta = \frac{\sum_{i=0}^n \left[ \frac{c_i b_i + (W_i - u_i b_i) \tan \varphi_i}{m} \right]}{\sum_{i=0}^n W_i \sin \alpha_i}$$

PROGETTAZIONE ATI:

dove il termine  $m$  è espresso da

$$m = \left( 1 + \frac{\tan \varphi_i \tan \alpha_i}{\eta} \right) \cos \alpha_i$$

In questa espressione  $n$  è il numero delle strisce considerate,  $b_i$  e  $\alpha_i$  sono la larghezza e l'inclinazione della base della striscia  $i$ -esima rispetto all'orizzontale,  $W_i$  è il peso della striscia  $i$ -esima,  $c_i$  e  $\phi_i$  sono le caratteristiche del terreno (coesione ed angolo di attrito) lungo la base della striscia ed  $u_i$  è la pressione neutra lungo la base della striscia.

L'espressione del coefficiente di sicurezza di Bishop contiene al secondo membro il termine  $m$  che è funzione di  $\eta$ . Quindi essa viene risolta per successive approssimazioni assumendo un valore iniziale per  $\eta$  da inserire nell'espressione di  $m$  ed iterare finquando il valore calcolato coincide con il valore assunto.

PROGETTAZIONE ATI:

## Dati

### Materiali

#### Simbologia adottata

n°	Indice materiale
Descr	Descrizione del materiale
<u>Calcestruzzo armato</u>	
C	Classe di resistenza del cls
A	Classe di resistenza dell'acciaio
$\gamma$	Peso specifico, espresso in [kg/mc]
$R_{ck}$	Resistenza caratteristica a compressione, espressa in [kg/cm <sup>2</sup> ]
E	Modulo elastico, espresso in [kg/cm <sup>2</sup> ]
$\nu$	Coeff. di Poisson
n	Coeff. di omogenizzazione acciaio/cls
ntc	Coeff. di omogenizzazione cls teso/compresso

#### Calcestruzzo armato

n°	Descr	C	A	$\gamma$	$R_{ck}$	E	$\nu$	n	ntc
				[kg/mc]	[kg/cm <sup>2</sup> ]	[kg/cm <sup>2</sup> ]			
1	Cls Armato	Rck 250	B450C	2500.00	2500.00	306659	0.30	15.00	0.50

#### Acciai

Descr	$f_{yk}$	$f_{uk}$
	[kg/cm <sup>2</sup> ]	[kg/cm <sup>2</sup> ]
B450C	4588.65	5506.38

### Geometria profilo terreno a monte del muro

#### Simbologia adottata

(Sistema di riferimento con origine in testa al muro, ascissa X positiva verso monte, ordinata Y positiva verso l'alto)

n°	numero ordine del punto
X	ascissa del punto espressa in [m]
Y	ordinata del punto espressa in [m]
A	inclinazione del tratto espressa in [°]

n°	X	Y	A
	[m]	[m]	[°]
1	0.00	0.00	0.000
2	15.00	0.00	0.000

Inclinazione terreno a valle del muro rispetto all'orizzontale 0.000 [°]

### Geometria muro

#### Geometria paramento e fondazione

Lunghezza muro 21.30 [m]

#### Paramento

Materiale	Cls Armato	
Altezza paramento	4.00	[m]
Altezza paramento libero	3.00	[m]
Spessore in sommità	0.80	[m]
Spessore all'attacco con la fondazione	0.80	[m]
Inclinazione paramento esterno	0.00	[°]
Inclinazione paramento interno	0.00	[°]

#### Fondazione

Materiale Cls Armato

PROGETTAZIONE ATI:

Lunghezza mensola di valle	0.70	[m]
Lunghezza mensola di monte	1.00	[m]
Lunghezza totale	2.50	[m]
Inclinazione piano di posa	0.00	[°]
Spessore	1.00	[m]
Spessore magrone	0.00	[m]

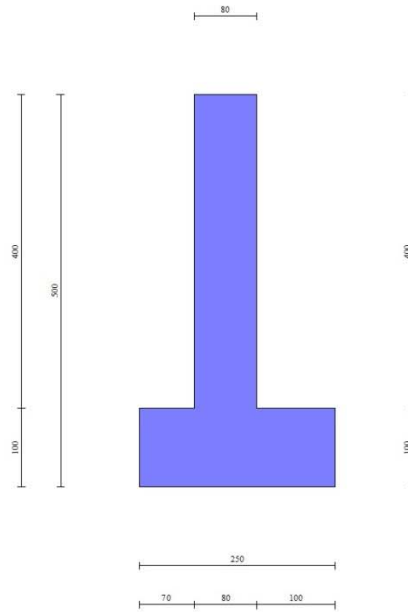


Fig. 1 - Sezione quotata del muro

## Descrizione terreni

### Parametri di resistenza

#### Simbologia adottata

n°	Indice del terreno
Descr	Descrizione terreno
$\gamma$	Peso di volume del terreno espresso in [kg/mc]
$\gamma_s$	Peso di volume saturo del terreno espresso in [kg/mc]
$\phi$	Angolo d'attrito interno espresso in [°]
$\delta$	Angolo d'attrito terra-muro espresso in [°]
c	Coesione espressa in [kg/cm <sup>2</sup> ]
$c_a$	Adesione terra-muro espressa in [kg/cm <sup>2</sup> ]
Per calcolo portanza con il metodo di Bustamante-Doix	
Cesp	Coeff. di espansione laterale (solo per il metodo di Bustamante-Doix)
$\tau_l$	Tensione tangenziale limite, espressa in [kg/cm <sup>2</sup> ]

n°	Descr	$\gamma$ [kg/mc]	$\gamma_{sat}$ [kg/mc]	$\phi$ [°]	$\delta$ [°]	c [kg/cm <sup>2</sup> ]	$c_a$ [kg/cm <sup>2</sup> ]	Cesp	$\tau_l$ [kg/cm <sup>2</sup> ]
1	Rilevato stradale	1900.00	1900.00	35.000	23.333	0.00	0.00	---	---
2	Unita_2	1900.00	1900.00	29.500	19.667	0.03	0.01	---	---
3	Unita_3	1950.00	1950.00	28.000	18.667	0.10	0.05	---	---
4	Unita_1	1800.00	1800.00	33.500	33.500	0.03	0.00	---	---

## Stratigrafia

#### Simbologia adottata

n°	Indice dello strato
H	Spessore dello strato espresso in [m]
$\alpha$	Inclinazione espressa in [°]
Terreno	Terreno dello strato

PROGETTAZIONE ATI:



Per calcolo pali (solo se presenti)

Kw Costante di Winkler orizzontale espressa in Kg/cm<sup>2</sup>/cm  
 Ks Coefficiente di spinta  
 Cesp Coefficiente di espansione laterale (per tutti i metodi tranne il metodo di Bustamante-Doix)

Per calcolo della spinta con coeff. di spinta definiti (usati solo se attiva l'opzione 'Usa coeff. di spinta da strato')

Kst<sub>sta</sub>, Kst<sub>sis</sub> Coeff. di spinta statico e sismico

n°	H [m]	α [°]	Terreno	Kw [Kg/cm <sup>2</sup> ]	Ks	Cesp	Kst <sub>sta</sub>	Kst <sub>sis</sub>
1	3.00	0.000	Rilevato stradale	---	---	---	---	---
2	2.50	0.000	Unita_1	---	---	---	---	---
3	15.00	0.000	Unita_2	---	---	---	---	---

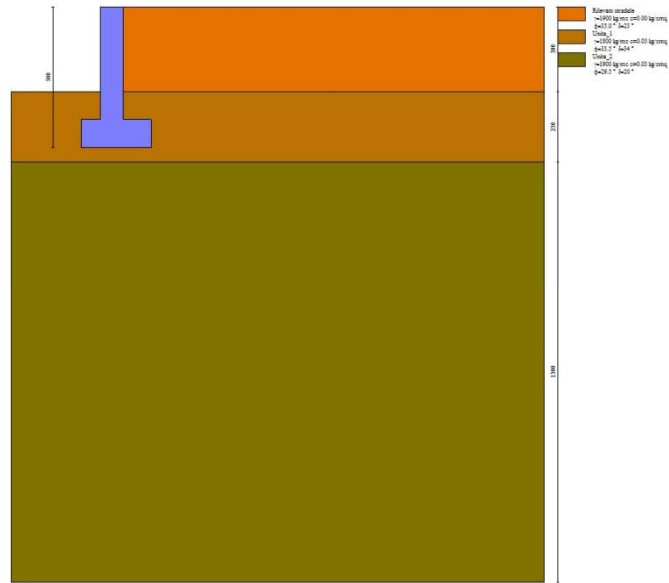


Fig. 2 - Stratigrafia

## Normativa

Normativa usata: **Norme Tecniche sulle Costruzioni 2018 (D.M. 17.01.2018) + Circolare C.S.LL.PP. 21/01/2019 n.7**

Coef. parziali per le azioni o per l'effetto delle azioni

Carichi	Effetto		Combinazioni statiche				Combinazioni sismiche			
			HYD	UPL	EQU	A1	A2	EQU	A1	A2
Permanenti strutturali	Favorevoli	γ <sub>G1.fav</sub>	1.00	0.90	1.00	1.00	1.00	1.00	1.00	1.00
Permanenti strutturali	Sfavorevoli	γ <sub>G1.sfav</sub>	1.00	1.10	1.30	1.30	1.00	1.00	1.00	1.00
Permanenti non strutturali	Favorevoli	γ <sub>G2.fav</sub>	0.00	0.80	0.80	0.80	0.80	0.00	0.00	0.00
Permanenti non strutturali	Sfavorevoli	γ <sub>G2.sfav</sub>	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili	Favorevoli	γ <sub>O.fav</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili	Sfavorevoli	γ <sub>O.sfav</sub>	1.00	1.50	1.50	1.50	1.30	1.00	1.00	1.00
Variabili da traffico	Favorevoli	γ <sub>OT.fav</sub>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Variabili da traffico	Sfavorevoli	γ <sub>OT.sfav</sub>	1.00	1.50	1.35	1.35	1.15	1.00	1.00	1.00

Coef. parziali per i parametri geotecnici del terreno

Parametro		Combinazioni statiche		Combinazioni sismiche	
		M1	M2	M1	M2
Tangente dell'angolo di attrito	γ <sub>tan(φ)</sub>	1.00	1.25	1.00	1.00
Coesione efficace	γ <sub>c'</sub>	1.00	1.25	1.00	1.00
Resistenza non drenata	γ <sub>cu</sub>	1.00	1.40	1.00	1.00
Peso nell'unità di volume	γ <sub>v</sub>	1.00	1.00	1.00	1.00

PROGETTAZIONE ATI:

Coeff. parziali  $\gamma_R$  per le verifiche agli stati limite ultimi STR e GEO

Verifica	Combinazioni statiche			Combinazioni sismiche		
	R1	R2	R3	R1	R2	R3
Capacità portante	--	--	1.40	--	--	1.20
Scorrimento	--	--	1.10	--	--	1.00
Resistenza terreno a valle	--	--	1.40	--	--	1.20
Ribaltamento	--	--	1.15	--	--	1.00
Stabilità fronte di scavo	--	1.10	--	--	1.20	--

### Descrizione combinazioni di carico

Con riferimento alle azioni elementari prima determinate, si sono considerate le seguenti combinazioni di carico:

- Combinazione fondamentale, impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1} G_1 + \gamma_{G2} G_2 + \gamma_{Q1} Q_{k1} + \gamma_{Q2} Q_{k2} + \gamma_{Q3} Q_{k3} + \dots$$

- Combinazione sismica, impiegata per gli stati limite ultimi connessi all'azione sismica E:

$$E + G_1 + G_2 + \Psi_{2,1} Q_{k1} + \Psi_{2,2} Q_{k2} + \Psi_{2,3} Q_{k3} + \dots$$

I valori dei coeff.  $\Psi_{0,j}$ ,  $\Psi_{1,j}$ ,  $\Psi_{2,j}$  sono definiti nelle singole condizioni variabili. I valori dei coeff.  $\gamma_G$  e  $\gamma_Q$ , sono definiti nella tabella normativa.

In particolare si sono considerate le seguenti combinazioni:

#### Simbologia adottata

$\gamma$  Coefficiente di partecipazione della condizione  
 $\Psi$  Coefficiente di combinazione della condizione

#### Combinazione n° 1 - STR (A1-M1-R3)

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.30	--	Sfavorevole

#### Combinazione n° 2 - STR (A1-M1-R3) H + V

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole

#### Combinazione n° 3 - STR (A1-M1-R3) H - V

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole

#### Combinazione n° 4 - GEO (A2-M2-R2)

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole

#### Combinazione n° 5 - GEO (A2-M2-R2) H + V

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole

#### Combinazione n° 6 - GEO (A2-M2-R2) H - V

PROGETTAZIONE ATI:

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Sfavorevole
Peso terrapieno	1.00	--	Sfavorevole
Spinta terreno	1.00	--	Sfavorevole

Combinazione n° 7 - EQU (A1-M1-R3)

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.30	--	Sfavorevole

Combinazione n° 8 - EQU (A1-M1-R3) H + V

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole

Combinazione n° 9 - EQU (A1-M1-R3) H - V

Condizione	$\gamma$	$\Psi$	Effetto
Peso muro	1.00	--	Favorevole
Peso terrapieno	1.00	--	Favorevole
Spinta terreno	1.00	--	Sfavorevole

Dati sismici

Comune  
 Provincia  
 Regione  
 Latitudine 39.377855  
 Longitudine 16.236612  
 Indice punti di interpolazione 39447 - 39669 - 39670 - 39448  
 Vita nominale 50 anni  
 Classe d'uso IV  
 Tipo costruzione Normali affollamenti  
 Vita di riferimento 100 anni

	Simbolo	U.M.		SLU	SLE
Accelerazione al suolo	$a_g$	[m/s <sup>2</sup> ]		5.572	1.942
Accelerazione al suolo	$a_g/g$	[%]		0.568	0.198
Massimo fattore amplificazione spettro orizzontale	FO			2.405	2.228
Periodo inizio tratto spettro a velocità costante	Tc*			0.424	0.396
Tipo di sottosuolo - Coefficiente stratigrafico	Ss		A	1.000	1.000
Categoria topografica - Coefficiente amplificazione topografica	St		T1	1.000	

Stato limite ...	Coeff. di riduzione $\beta_m$	kh	kv
Ultimo	0.380	21.584	10.792
Ultimo - Ribaltamento	0.570	32.376	16.188
Esercizio	0.470	9.306	4.653

Forma diagramma incremento sismico **Stessa forma del diagramma statico**

PROGETTAZIONE ATI:

## Opzioni di calcolo

### Spinta

Metodo di calcolo della spinta	Culmann
Tipo di spinta	Spinta attiva
Terreno a bassa permeabilità	NO
Superficie di spinta limitata	NO

### Capacità portante

Metodo di calcolo della portanza	Meyerhof
Criterio di media calcolo del terreno equivalente (terreni stratificati)	Ponderata
Criterio di riduzione per eccentricità della portanza	Meyerhof
Criterio di riduzione per rottura locale (punzonamento)	Nessuna
Larghezza fondazione nel terzo termine della formula del carico limite ( $0.5B\gamma N_c$ )	Larghezza ridotta (B')
Fattori di forma e inclinazione del carico	Solo i fattori di inclinazione
Se la fondazione ha larghezza superiore a 2.0 m viene applicato il fattore di riduzione per comportamento a piastra	

### Stabilità globale

Metodo di calcolo della stabilità globale	Bishop
---	--------

### Altro

Partecipazione spinta passiva terreno antistante	0.00
Partecipazione resistenza passiva dente di fondazione	50.00
Componente verticale della spinta nel calcolo delle sollecitazioni SI	SI
Considera terreno sulla fondazione di valle	SI
Considera spinta e peso acqua fondazione di valle	NO

### Spostamenti

Non è stato richiesto il calcolo degli spostamenti

### Cedimenti

Non è stato richiesto il calcolo dei cedimenti

### Specifiche per le verifiche nelle combinazioni allo Stato Limite Ultimo (SLU)

	SLU	Eccezionale
Coefficiente di sicurezza calcestruzzo a compressione	1.50	1.00
Coefficiente di sicurezza acciaio	1.15	1.00
Fattore di riduzione da resistenza cubica a cilindrica	0.83	0.83
Fattore di riduzione per carichi di lungo periodo	0.85	0.85
Coefficiente di sicurezza per la sezione	1.00	1.00

PROGETTAZIONE ATI:

## Risultati per involucro

### Verifiche geotecniche

#### Quadro riassuntivo coeff. di sicurezza calcolati

##### Simbologia adottata

Cmb	Indice/Tipo combinazione
S	Sisma (H: componente orizzontale, V: componente verticale)
FS <sub>SCO</sub>	Coeff. di sicurezza allo scorrimento
FS <sub>RIB</sub>	Coeff. di sicurezza al ribaltamento
FS <sub>OLIM</sub>	Coeff. di sicurezza a carico limite
FS <sub>STAB</sub>	Coeff. di sicurezza a stabilità globale
FS <sub>HYD</sub>	Coeff. di sicurezza a sifonamento
FS <sub>UPL</sub>	Coeff. di sicurezza a sollevamento

Cmb	Sismica	FS <sub>SCO</sub>	FS <sub>RIB</sub>	FS <sub>OLIM</sub>	FS <sub>STAB</sub>	FS <sub>HYD</sub>	FS <sub>UPL</sub>
1 - STR (A1-M1-R3)		2.777		5.822			
2 - STR (A1-M1-R3)	H + V	1.477		2.230			
3 - STR (A1-M1-R3)	H - V	1.311		2.215			
4 - GEO (A2-M2-R2)					2.533		
5 - GEO (A2-M2-R2)	H + V				1.958		
6 - GEO (A2-M2-R2)	H - V				1.804		
7 - EQU (A1-M1-R3)			3.844				
8 - EQU (A1-M1-R3)	H + V		1.501				
9 - EQU (A1-M1-R3)	H - V		1.195				

#### Verifica a scorrimento fondazione

##### Simbologia adottata

n°	Indice combinazione
Rsa	Resistenza allo scorrimento per attrito, espresso in [kg]
Rpt	Resistenza passiva terreno antistante, espresso in [kg]
Rps	Resistenza passiva sperone, espresso in [kg]
Rp	Resistenza a carichi orizzontali pali (solo per fondazione mista), espresso in [kg]
Rt	Resistenza a carichi orizzontali tiranti (solo se presenti), espresso in [kg]
R	Resistenza allo scorrimento (somma di Rsa+Rpt+Rps+Rp), espresso in [kg]
T	Carico parallelo al piano di posa, espresso in [kg]
FS	Fattore di sicurezza (rapporto R/T)

n°	Rsa	Rpt	Rps	Rp	Rt	R	T	FS
	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	
1 - STR (A1-M1-R3)	17631	0	0	--	--	17631	6350	2.777
3 - STR (A1-M1-R3) H - V	16596	0	0	--	--	16596	12664	1.311

#### Verifica a carico limite

##### Simbologia adottata

n°	Indice combinazione
N	Carico normale totale al piano di posa, espresso in [kg]
Qu	carico limite del terreno, espresso in [kg]
Qd	Portanza di progetto, espresso in [kg]
FS	Fattore di sicurezza (rapporto tra il carico limite e carico agente al piano di posa)

n°	N	Qu	Qd	FS
	[kg]	[kg]	[kg]	
1 - STR (A1-M1-R3)	26638	155072	110766	5.822
3 - STR (A1-M1-R3) H - V	25074	55547	46289	2.215

#### Dettagli calcolo portanza

##### Simbologia adottata

n°	Indice combinazione
Nc, Nq, Ny	Fattori di capacità portante
ic, iq, iy	Fattori di inclinazione del carico
dc, dq, dy	Fattori di profondità del piano di posa
gc, gq, gy	Fattori di inclinazione del profilo topografico
bc, bq, by	Fattori di inclinazione del piano di posa
sc, sq, sy	Fattori di forma della fondazione

PROGETTAZIONE ATI:

pc, pq, py Fattori di riduzione per punzonamento secondo Vesic  
 Re Fattore di riduzione capacità portante per eccentricità secondo Meyerhof  
 Ir, Irc Indici di rigidezza per punzonamento secondo Vesic  
 r<sub>γ</sub> Fattori per tener conto dell'effetto piastra. Per fondazioni che hanno larghezza maggiore di 2 m, il terzo termine della formula trinomia 0.5B<sub>y</sub>N<sub>y</sub> viene moltiplicato per questo fattore  
 D Affondamento del piano di posa, espresso in [m]  
 B' Larghezza fondazione ridotta, espresso in [m]  
 H Altezza del cuneo di rottura, espresso in [m]  
 γ Peso di volume del terreno medio, espresso in [kg/mc]  
 φ Angolo di attrito del terreno medio, espresso in [°]  
 c Coesione del terreno medio, espresso in [kg/cm<sup>2</sup>]  
 Per i coeff. che in tabella sono indicati con il simbolo '-' sono coeff. non presenti nel metodo scelto (Meyerhof).

n°	Nc Nq Ny	ic iq iy	dc dq dy	gc gq gy	bc bq by	sc sq sy	pc pq py	Ir	Irc	Re	r <sub>γ</sub>
1	31.164	0.724	1.279	--	--	--	--	--	--	0.792	0.976
	19.297	0.724	1.140	--	--	--	--	--			
	16.816	0.313	1.140	--	--	--	--	--			
3	31.164	0.493	1.279	--	--	--	--	--	--	0.498	0.976
	19.297	0.493	1.140	--	--	--	--	--			
	16.816	0.014	1.140	--	--	--	--	--			

n°	D [m]	B' [m]	H [m]	γ [°]	φ [kg/mc]	c [kg/cm <sup>2</sup> ]
1	2.00	2.50	2.18	1877	30.42	0.03
3	2.00	2.50	2.18	1877	30.42	0.03

### Verifica a ribaltamento

#### Simbologia adottata

n° Indice combinazione  
 Ms Momento stabilizzante, espresso in [kgm]  
 Mr Momento ribaltante, espresso in [kgm]  
 FS Fattore di sicurezza (rapporto tra momento stabilizzante e momento ribaltante)  
 La verifica viene eseguita rispetto allo spigolo inferiore esterno della fondazione

n°	Ms [kgm]	Mr [kgm]	FS
7 - EQU (A1-M1-R3)	41123	10697	3.844
9 - EQU (A1-M1-R3) H - V	47208	39510	1.195

### Verifica stabilità globale muro + terreno

#### Simbologia adottata

Ic Indice/Tipo combinazione  
 C Centro superficie di scorrimento, espresso in [m]  
 R Raggio, espresso in [m]  
 FS Fattore di sicurezza

Ic	C [m]	R [m]	FS
4 - GEO (A2-M2-R2)	-2.00; 2.00	7.63	2.533
6 - GEO (A2-M2-R2) H - V	-3.00; 4.50	10.32	1.804

### Dettagli strisce verifiche stabilità

#### Simbologia adottata

Le ascisse X sono considerate positive verso monte  
 Le ordinate Y sono considerate positive verso l'alto  
 Origine in testa al muro (spigolo contro terra)  
 W peso della striscia espresso in [kg]  
 Q<sub>y</sub> carico sulla striscia espresso in [kg]  
 α angolo fra la base della striscia e l'orizzontale espresso in [°] (positivo antiorario)  
 φ angolo d'attrito del terreno lungo la base della striscia  
 c coesione del terreno lungo la base della striscia espressa in [kg/cm<sup>2</sup>]  
 b larghezza della striscia espressa in [m]  
 u pressione neutra lungo la base della striscia espressa in [kg/cm<sup>2</sup>]  
 T<sub>x</sub>; T<sub>y</sub> Resistenza al taglio fornita dai tiranti in direzione X ed Y espressa in [kg/cm<sup>2</sup>]

n°	W [kg]	Q <sub>y</sub> [kg]	b [m]	α [°]	φ [°]	c [kg/cm <sup>2</sup> ]	u [kg/cm <sup>2</sup> ]	T <sub>x</sub> ; T <sub>y</sub> [kg]
1	681	0	5.37 - 0.53	68.929	29.256	0.00	0.000	
2	1815	0	0.53	59.884	29.256	0.00	0.000	

PROGETTAZIONE ATI:

**AUTOSTRADA SALERNO-REGGIO CALABRIA**  
LAVORI DI AMMODERNAMENTO E ADEGUAMENTO AL TIPO 1A DELLE NORME CNR/80  
TRONCO 2° - TRATTO 5° - LOTTO 3° DAL KM 244+700 AL KM 253+700  
NUOVO SVINCOLO DI COSENZA NORD AL KM 250+000 IN LOCALITÀ SETTIMO DI RENDE

n°	W [kg]	Qy [kg]	b [m]	α [°]	φ [°]	c [kg/cmq]	u [kg/cmq]	Tx; Ty [kg]
3	2612	0	0.53	52.686	29.256	0.00	0.000	
4	3220	0	0.53	46.555	27.902	0.02	0.000	
5	3700	0	0.53	41.063	27.902	0.02	0.000	
6	4097	0	0.53	36.001	27.902	0.02	0.000	
7	4428	0	0.53	31.250	27.902	0.02	0.000	
8	4704	0	0.53	26.728	27.902	0.02	0.000	
9	5185	0	0.53	22.381	27.902	0.02	0.000	
10	5484	0	0.53	18.167	27.902	0.02	0.000	
11	6659	0	0.53	14.052	27.902	0.02	0.000	
12	5917	0	0.53	10.011	24.352	0.02	0.000	
13	2812	0	0.53	6.019	24.352	0.02	0.000	
14	2507	0	0.53	2.057	24.352	0.02	0.000	
15	2482	0	0.53	-1.895	24.352	0.02	0.000	
16	2447	0	0.53	-5.856	24.352	0.02	0.000	
17	2374	0	0.53	-9.846	24.352	0.02	0.000	
18	2269	0	0.53	-13.885	27.902	0.02	0.000	
19	2127	0	0.53	-17.996	27.902	0.02	0.000	
20	1944	0	0.53	-22.205	27.902	0.02	0.000	
21	1719	0	0.53	-26.546	27.902	0.02	0.000	
22	1445	0	0.53	-31.060	27.902	0.02	0.000	
23	1116	0	0.53	-35.800	27.902	0.02	0.000	
24	721	0	0.53	-40.847	27.902	0.02	0.000	
25	246	0	-7.77 - 0.53	-45.529	27.902	0.02	0.000	

n°	W [kg]	Qy [kg]	b [m]	α [°]	φ [°]	c [kg/cmq]	u [kg/cmq]	Tx; Ty [kg]
1	710	0	6.30 - 0.66	60.083	35.000	0.00	0.000	
2	1978	0	0.66	53.784	35.000	0.00	0.000	
3	2989	0	0.66	47.979	35.000	0.00	0.000	
4	3813	0	0.66	42.777	33.500	0.03	0.000	
5	4476	0	0.66	37.985	33.500	0.03	0.000	
6	5034	0	0.66	33.491	33.500	0.03	0.000	
7	5507	0	0.66	29.220	33.500	0.03	0.000	
8	5905	0	0.66	25.122	33.500	0.03	0.000	
9	6660	0	0.66	21.158	33.500	0.03	0.000	
10	7619	0	0.66	17.298	33.500	0.03	0.000	
11	7858	0	0.66	13.518	29.500	0.03	0.000	
12	4364	0	0.66	9.797	29.500	0.03	0.000	
13	3267	0	0.66	6.118	29.500	0.03	0.000	
14	3328	0	0.66	2.464	29.500	0.03	0.000	
15	3338	0	0.66	-1.180	29.500	0.03	0.000	
16	3295	0	0.66	-4.829	29.500	0.03	0.000	
17	3199	0	0.66	-8.498	29.500	0.03	0.000	
18	3050	0	0.66	-12.202	29.500	0.03	0.000	
19	2850	0	0.66	-15.960	33.500	0.03	0.000	
20	2600	0	0.66	-19.789	33.500	0.03	0.000	
21	2291	0	0.66	-23.713	33.500	0.03	0.000	
22	1917	0	0.66	-27.760	33.500	0.03	0.000	
23	1472	0	0.66	-31.965	33.500	0.03	0.000	
24	946	0	0.66	-36.374	33.500	0.03	0.000	
25	323	0	-10.10 - 0.66	-40.475	33.500	0.03	0.000	

PROGETTAZIONE ATI:



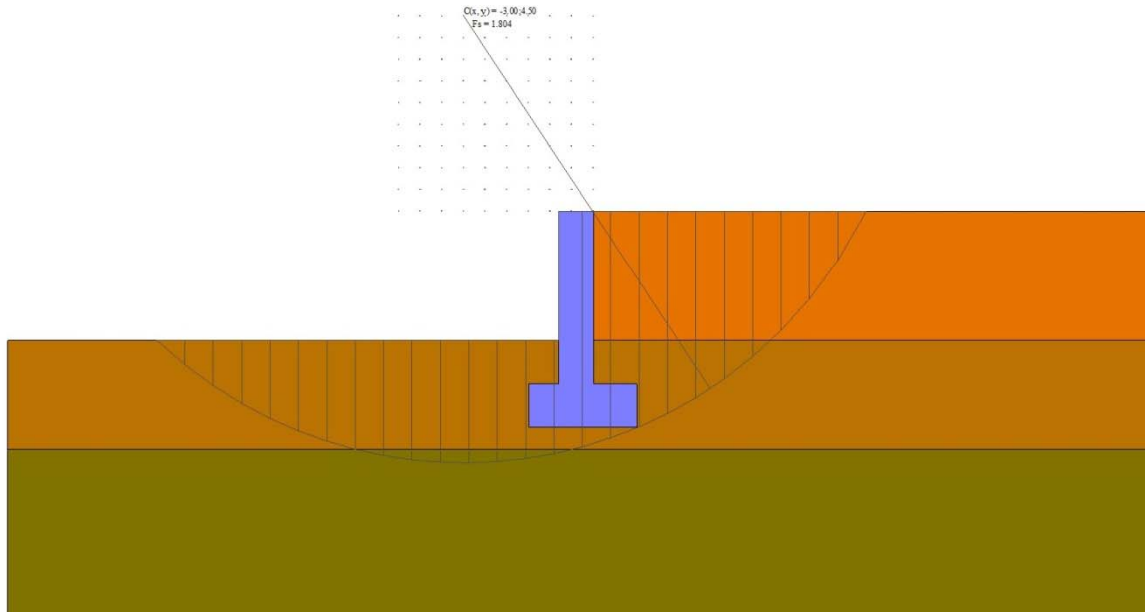


Fig. 3 - Stabilità fronte di scavo - Cerchio critico (Combinazione n° 6)

### Sollecitazioni

#### Elementi calcolati a trave

Simbologia adottata

- N Sforzo normale, espresso in [kg]. Positivo se di compressione.
- T Taglio, espresso in [kg]. Positivo se diretto da monte verso valle
- M Momento, espresso in [kgm]. Positivo se tende le fibre contro terra (a monte)

### Paramento

n°	X	N <sub>min</sub>	N <sub>max</sub>	T <sub>min</sub>	T <sub>max</sub>	M <sub>min</sub>	M <sub>max</sub>
	[m]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]
1	0.00	0	0	0	0	0	0
2	-0.10	201	202	3	47	0	2
3	-0.20	405	406	11	101	-1	7
4	-0.30	611	615	25	163	-2	17
5	-0.40	819	826	45	233	-2	32
6	-0.50	1030	1040	70	309	0	53
7	-0.60	1243	1258	100	393	3	81
8	-0.70	1459	1479	136	485	8	117
9	-0.80	1677	1703	178	584	17	161
10	-0.90	1897	1930	225	691	29	213
11	-1.00	2120	2161	277	805	45	276
12	-1.10	2345	2395	336	926	65	349
13	-1.20	2572	2632	399	1055	91	433
14	-1.30	2802	2872	469	1191	122	529
15	-1.40	3034	3115	544	1335	160	638
16	-1.50	3269	3362	624	1486	205	760
17	-1.60	3506	3612	710	1645	256	897
18	-1.70	3746	3865	801	1811	316	1049
19	-1.80	3987	4121	898	1985	384	1216
20	-1.90	4232	4380	1001	2166	461	1399
21	-2.00	4478	4643	1109	2354	548	1600
22	-2.10	4727	4909	1223	2550	645	1819
23	-2.20	4979	5178	1342	2754	753	2057
24	-2.30	5233	5450	1466	2964	872	2313
25	-2.40	5489	5726	1597	3183	1002	2591
26	-2.50	5747	6005	1733	3409	1145	2889

PROGETTAZIONE ATI:

n°	X [m]	N <sub>min</sub> [kg]	N <sub>max</sub> [kg]	T <sub>min</sub> [kg]	T <sub>max</sub> [kg]	M <sub>min</sub> [kgm]	M <sub>max</sub> [kgm]
27	-2.60	6008	6287	1874	3642	1301	3208
28	-2.70	6272	6572	2021	3882	1470	3550
29	-2.80	6537	6860	2173	4131	1654	3915
30	-2.90	6806	7152	2331	4386	1852	4305
31	-3.00	7076	7447	2495	4649	2065	4718
32	-3.10	7369	7774	2641	4889	2284	5143
33	-3.20	7668	8109	2790	5132	2516	5590
34	-3.30	7970	8449	2944	5382	2762	6059
35	-3.40	8275	8792	3104	5639	3022	6552
36	-3.50	8584	9140	3268	5904	3297	7069
37	-3.60	8896	9492	3438	6174	3588	7611
38	-3.70	9212	9849	3612	6452	3894	8180
39	-3.80	9531	10210	3792	6737	4217	8774
40	-3.90	9854	10576	3977	7029	4556	9396
41	-4.00	10179	10946	4168	7327	4913	10046

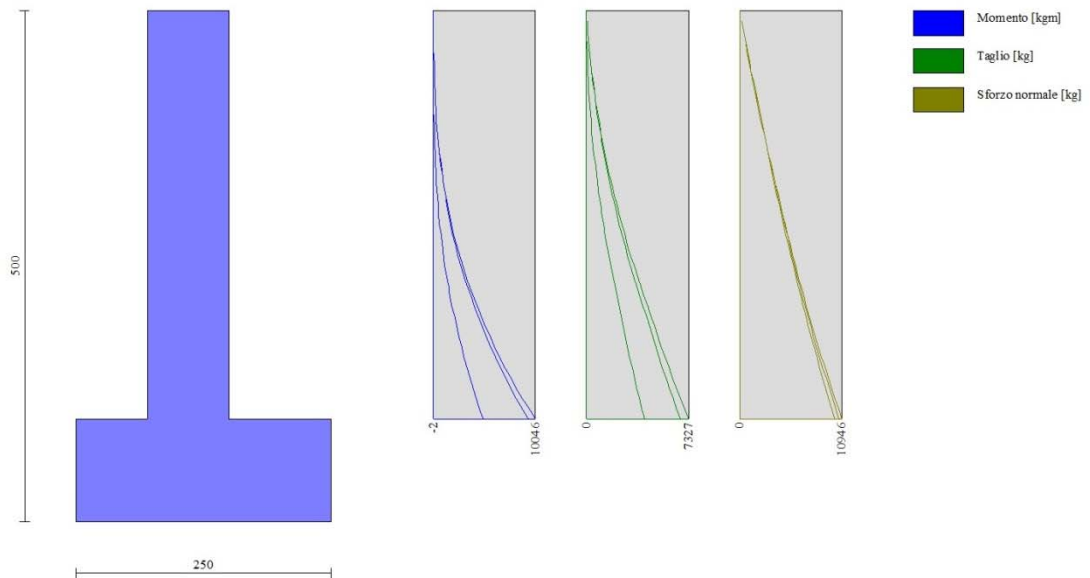


Fig. 4 - Paramento

Fondazione

n°	X [m]	N <sub>min</sub> [kg]	N <sub>max</sub> [kg]	T <sub>min</sub> [kg]	T <sub>max</sub> [kg]	M <sub>min</sub> [kgm]	M <sub>max</sub> [kgm]
1	-1.50	0	0	0	0	0	0
2	-1.40	0	0	846	2266	42	114
3	-1.30	0	0	1670	4406	168	449
4	-1.20	0	0	2472	6421	376	991
5	-1.10	0	0	3252	8310	662	1729
6	-1.00	0	0	4010	10073	1025	2649
7	-0.90	0	0	4746	11711	1463	3739
8	-0.80	0	0	5460	13223	1974	4987
9	0.00	0	0	-9050	-3249	-4885	-1808
10	0.10	0	0	-8502	-3023	-4006	-1494
11	0.20	0	0	-7809	-2775	-3190	-1204
12	0.30	0	0	-6972	-2506	-2449	-940
13	0.40	0	0	-6000	-2214	-1800	-704
14	0.50	0	0	-5000	-1900	-1250	-498
15	0.60	0	0	-4000	-1564	-800	-325
16	0.70	0	0	-3000	-1206	-450	-186

PROGETTAZIONE ATI:

n°	X [m]	N <sub>min</sub> [kg]	N <sub>max</sub> [kg]	T <sub>min</sub> [kg]	T <sub>max</sub> [kg]	M <sub>min</sub> [kgm]	M <sub>max</sub> [kgm]
17	0.80	0	0	-2000	-826	-200	-84
18	0.90	0	0	-1000	-424	-50	-21
19	1.00	0	0	0	0	0	0

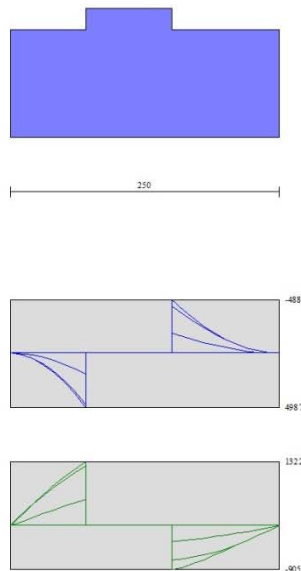


Fig. 5 - Fondazione

## Verifiche strutturali

### Verifiche a flessione

#### Elementi calcolati a trave

##### Simbologia adottata

n°	indice sezione
Y	ordinata sezione espressa in [m]
B	larghezza sezione espressa in [cm]
H	altezza sezione espressa in [cm]
Afi	area ferri inferiori espressa in [cmq]
Afs	area ferri superiori espressa in [cmq]
M	momento agente espressa in [kgm]
N	sforzo normale agente espressa in [kg]
Mu	momento ultimi espresso in [kgm]
Nu	sforzo normale ultimo espressa in [kg]
FS	fattore di sicurezza (rapporto tra sollecitazione ultima e sollecitazione agente)

## Paramento

n°	B [cm]	H [cm]	Afi [cmq]	Afs [cmq]	M [kgm]	N [kg]	Mu [kgm]	Nu [kg]	FS
1	100	80	12.57	26.14	0	0	0	0	100000.000
2	100	80	12.57	26.14	2	202	7359	906969	4498.430
3	100	80	12.57	26.14	7	406	15717	906969	2231.298
4	100	80	12.57	26.14	17	615	25063	906969	1475.831
5	100	80	12.57	26.14	32	826	35366	906969	1098.275
6	100	80	12.57	26.14	53	1040	45817	891899	857.365
7	100	80	12.57	26.14	81	1258	55585	858661	682.581
8	100	80	12.57	26.14	117	1479	65231	825005	557.865

PROGETTAZIONE ATI:

**AUTOSTRADA SALERNO-REGGIO CALABRIA**  
LAVORI DI AMMODERNAMENTO E ADEGUAMENTO AL TIPO 1A DELLE NORME CNR/80  
TRONCO 2° - TRATTO 5° - LOTTO 3° DAL KM 244+700 AL KM 253+700  
NUOVO SVINCOLO DI COSENZA NORD AL KM 250+000 IN LOCALITÀ SETTIMO DI RENDE

n°	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
9	100	80	12.57	26.14	161	1703	74645	791151	464.571
10	100	80	12.57	26.14	213	1930	83656	756662	391.992
11	100	80	12.57	26.14	276	2161	92198	722115	334.182
12	100	80	12.57	26.14	349	2395	100171	687595	287.144
13	100	80	12.57	26.14	433	2632	107547	653554	248.351
14	100	80	12.57	26.14	529	2872	114317	620345	216.016
15	100	80	12.57	26.14	638	3115	120517	588365	188.871
16	100	80	12.57	26.14	760	3362	126102	557475	165.827
17	100	80	12.57	26.14	897	3612	131299	528650	146.375
18	100	80	12.57	26.14	1049	3865	135846	500703	129.559
19	100	80	12.57	26.14	1216	4121	140065	474770	115.210
20	100	80	12.57	26.14	1399	4380	143879	450370	102.815
21	100	80	12.57	26.14	1600	4643	145965	423512	91.213
22	100	80	12.57	26.14	1819	4909	147865	399039	81.287
23	100	80	12.57	26.14	2057	5178	148007	372667	71.970
24	100	80	12.57	26.14	2313	5450	147114	346603	63.591
25	100	80	12.57	26.14	2591	5726	145487	321583	56.162
26	100	80	12.57	26.14	2889	6005	143689	298709	49.745
27	100	80	12.57	26.14	3208	6287	141529	277342	44.115
28	100	80	12.57	26.14	3550	6572	139084	257463	39.176
29	100	80	12.57	26.14	3915	6860	136925	239909	34.970
30	100	80	12.57	26.14	4305	7152	134201	222974	31.176
31	100	80	12.57	26.14	4718	7447	131661	207798	27.904
32	100	80	12.57	26.14	5143	7774	129692	196033	25.215
33	100	80	12.57	26.14	5590	8109	127888	185543	22.880
34	100	80	12.57	26.14	6059	8449	125723	175317	20.751
35	100	80	25.13	26.14	6552	8792	134478	180469	20.526
36	100	80	12.57	26.14	7069	9140	122004	157751	17.259
37	100	80	12.57	26.14	7611	9492	120394	150148	15.818
38	100	80	12.57	26.14	8180	9849	118922	143195	14.539
39	100	80	12.57	26.14	8774	10210	117570	136810	13.399
40	100	80	12.57	26.14	9396	10576	115982	130542	12.344
41	100	80	12.57	26.14	10046	10946	114462	124716	11.394

**Fondazione**

n°	B	H	Afi	Afs	M	N	Mu	Nu	FS
	[cm]	[cm]	[cmq]	[cmq]	[kgm]	[kg]	[kgm]	[kg]	
1	100	100	20.11	20.11	0	0	0	0	100000.000
2	100	100	20.11	20.11	114	0	75255	0	658.198
3	100	100	20.11	20.11	449	0	75255	0	167.618
4	100	100	20.11	20.11	991	0	75255	0	75.912
5	100	100	20.11	20.11	1729	0	75255	0	43.528
6	100	100	20.11	20.11	2649	0	75255	0	28.408
7	100	100	20.11	20.11	3739	0	75255	0	20.125
8	100	100	20.11	20.11	4987	0	75255	0	15.090
9	100	100	20.11	20.11	-4885	0	-75255	0	15.405
10	100	100	20.11	20.11	-4006	0	-75255	0	18.784
11	100	100	20.11	20.11	-3190	0	-75255	0	23.593
12	100	100	20.11	20.11	-2449	0	-75255	0	30.724
13	100	100	20.11	20.11	-1800	0	-75255	0	41.808
14	100	100	20.11	20.11	-1250	0	-75255	0	60.204
15	100	100	20.11	20.11	-800	0	-75255	0	94.069
16	100	100	20.11	20.11	-450	0	-75255	0	167.233
17	100	100	20.11	20.11	-200	0	-75255	0	376.275
18	100	100	20.11	20.11	-50	0	-75255	0	1505.098
19	100	100	20.11	20.11	0	0	0	0	100000.000

PROGETTAZIONE ATI:

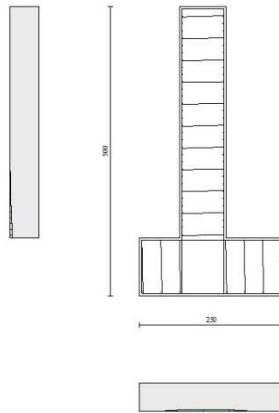


Fig. 6 - Paramento (Inviluppo)

### Verifiche a taglio

#### Simbologia adottata

$I_s$	indice sezione
$Y$	ordinata sezione espressa in [m]
$B$	larghezza sezione espresso in [cm]
$H$	altezza sezione espressa in [cm]
$A_{sw}$	area ferri a taglio espresso in [cm <sup>2</sup> ]
$\cot\theta$	inclinazione delle bielle compresse, $\theta$ inclinazione dei puntoni di calcestruzzo
$V_{Rcd}$	resistenza di progetto a 'taglio compressione' espressa in [kg]
$V_{Rsd}$	resistenza di progetto a 'taglio trazione' espressa in [kg]
$V_{Rd}$	resistenza di progetto a taglio espresso in [kg]. Per elementi con armature trasversali resistenti al taglio ( $A_{sw}>0.0$ ) $V_{Rd}=\min(V_{Rcd}, V_{Rsd})$ .
$T$	taglio agente espressa in [kg]
$FS$	fattore di sicurezza (rapporto tra sollecitazione resistente e sollecitazione agente)

### Paramento

n°	B [cm]	H [cm]	$A_{sw}$ [cm <sup>2</sup> ]	$\cot\theta$	$V_{Rcd}$ [kg]	$V_{Rsd}$ [kg]	$V_{Rd}$ [kg]	T [kg]	FS
1	100	80	0.00	--	0	0	31099	0	100.000
2	100	80	0.00	--	0	0	31128	47	663.427
3	100	80	0.00	--	0	0	31158	101	307.436
4	100	80	0.00	--	0	0	31188	163	191.070
5	100	80	0.00	--	0	0	31219	233	134.268
6	100	80	0.00	--	0	0	31249	309	101.061
7	100	80	0.00	--	0	0	31281	393	79.519
8	100	80	0.00	--	0	0	31313	485	64.564
9	100	80	0.00	--	0	0	31345	584	53.668
10	100	80	0.00	--	0	0	31378	691	45.437
11	100	80	0.00	--	0	0	31411	805	39.042
12	100	80	0.00	--	0	0	31445	926	33.959
13	100	80	0.00	--	0	0	31479	1055	29.842
14	100	80	0.00	--	0	0	31514	1191	26.456
15	100	80	0.00	--	0	0	31549	1335	23.633
16	100	80	0.00	--	0	0	31585	1486	21.252
17	100	80	0.00	--	0	0	31621	1645	19.223
18	100	80	0.00	--	0	0	31657	1811	17.480
19	100	80	0.00	--	0	0	31694	1985	15.970
20	100	80	0.00	--	0	0	31732	2166	14.652
21	100	80	0.00	--	0	0	31770	2354	13.495
22	100	80	0.00	--	0	0	31808	2550	12.473
23	100	80	0.00	--	0	0	31847	2754	11.566
24	100	80	0.00	--	0	0	31886	2964	10.756
25	100	80	0.00	--	0	0	31926	3183	10.031
26	100	80	0.00	--	0	0	31966	3409	9.378
27	100	80	0.00	--	0	0	32007	3642	8.789
28	100	80	0.00	--	0	0	32048	3882	8.255
29	100	80	0.00	--	0	0	32090	4131	7.769

PROGETTAZIONE ATI:

n°	B [cm]	H [cm]	A <sub>sw</sub> [cmq]	cotθ	V <sub>Rcd</sub> [kg]	V <sub>Rsd</sub> [kg]	V <sub>Rd</sub> [kg]	T [kg]	FS
30	100	80	0.00	--	0	0	32132	4386	7.326
31	100	80	0.00	--	0	0	32174	4649	6.920
32	100	80	0.00	--	0	0	32222	4889	6.591
33	100	80	0.00	--	0	0	32270	5132	6.288
34	100	80	0.00	--	0	0	32319	5382	6.005
35	100	80	0.00	--	0	0	35424	5639	6.282
36	100	80	0.00	--	0	0	32419	5904	5.491
37	100	80	0.00	--	0	0	32470	6174	5.259
38	100	80	0.00	--	0	0	32521	6452	5.040
39	100	80	0.00	--	0	0	32573	6737	4.835
40	100	80	0.00	--	0	0	32626	7029	4.642
41	100	80	0.00	--	0	0	32680	7327	4.460

**Fondazione**

n°	B [cm]	H [cm]	A <sub>sw</sub> [cmq]	cotθ	V <sub>Rcd</sub> [kg]	V <sub>Rsd</sub> [kg]	V <sub>Rd</sub> [kg]	T [kg]	FS
1	100	100	0.00	--	0	0	35387	0	100.000
2	100	100	0.00	--	0	0	35387	-2266	15.618
3	100	100	0.00	--	0	0	35387	-4406	8.032
4	100	100	0.00	--	0	0	35387	-6421	5.512
5	100	100	0.00	--	0	0	35387	-8310	4.259
6	100	100	0.00	--	0	0	35387	-10073	3.513
7	100	100	0.00	--	0	0	35387	-11711	3.022
8	100	100	0.00	--	0	0	35387	-13223	2.676
9	100	100	0.00	--	0	0	35387	-9050	3.910
10	100	100	0.00	--	0	0	35387	-8502	4.162
11	100	100	0.00	--	0	0	35387	-7809	4.532
12	100	100	0.00	--	0	0	35387	-6972	5.076
13	100	100	0.00	--	0	0	35387	-6000	5.898
14	100	100	0.00	--	0	0	35387	-5000	7.077
15	100	100	0.00	--	0	0	35387	-4000	8.847
16	100	100	0.00	--	0	0	35387	-3000	11.796
17	100	100	0.00	--	0	0	35387	-2000	17.694
18	100	100	0.00	--	0	0	35387	-1000	35.387
19	100	100	0.00	--	0	0	35387	0	100.000

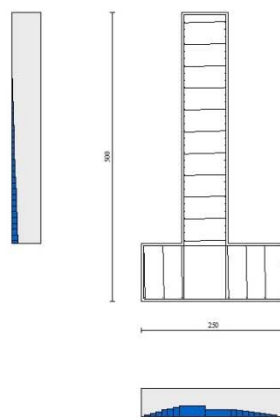


Fig. 7 - Paramento (Inviluppo)

PROGETTAZIONE ATI:

## 12. VERIFICA OPERE PROVVISORIALI

Si riportano nel seguito le verifiche eseguite sulle paratie di pali realizzate in corrispondenza del ciglio stradale per effettuare in sicurezza, e senza interruzione del traffico, le operazioni di allargamento delle spalle.

Le paratie sono realizzate con pali Ø1200 posti ad interasse 1,40 m, di lunghezza 18 m e sormontati con cordolo in c.a. sezione 140x100 cm. Si adotta una altezza media di scavo pari a 8,50 m rispetto al piano stradale.

Le verifiche vengono eseguite con codice di calcolo PAC della Aztec Informatica di cui si riportano gli output

### Dati

#### Geometria paratia

Tipo paratia: **Paratia di pali**

Altezza fuori terra	5.50	[m]
Profondità di infissione	12.50	[m]
Altezza totale della paratia	18.00	[m]
Lunghezza paratia	10.00	[m]

Numero di file di pali	1	
Interasse fra i pali della fila	1.40	[m]
Diametro dei pali	120.00	[cm]
Numero totale di pali	7	
Numero di pali per metro lineare	0.70	

#### Geometria cordoli

##### Simbologia adottata

n°	numero d'ordine del cordolo
Y	posizione del cordolo sull'asse della paratia espresso in [m]

##### Cordoli in calcestruzzo

B	Base della sezione del cordolo espresso in [cm]
H	Altezza della sezione del cordolo espresso in [cm]

##### Cordoli in acciaio

A	Area della sezione in acciaio del cordolo espresso in [cmq]
W	Modulo di resistenza della sezione del cordolo espresso in [cm <sup>3</sup> ]

N°	Y	Tipo	B	H	A	W
	[m]		[cm]	[cm]	[cmq]	[cm <sup>3</sup> ]
1	0.00	Calcestruzzo	140.00	100.00	--	--

#### Geometria profilo terreno

##### Simbologia adottata e sistema di riferimento

(Sistema di riferimento con origine in testa alla paratia, ascissa X positiva verso monte, ordinata Y positiva verso l'alto)

N	numero ordine del punto
X	ascissa del punto espressa in [m]
Y	ordinata del punto espressa in [m]
A	inclinazione del tratto espressa in [°]

PROGETTAZIONE ATI:



### Profilo di monte

N°	X	Y	A
	[m]	[m]	[°]
2	10.00	0.00	0.00

### Profilo di valle

N°	X	Y	A
	[m]	[m]	[°]
1	-10.00	-5.50	0.00
2	0.00	-5.50	0.00

### Descrizione terreni

#### Simbologia adottata

n°	numero d'ordine
Descrizione	Descrizione del terreno
$\gamma$	peso di volume del terreno espresso in [kg/mc]
$\gamma_{sat}$	peso di volume saturo del terreno espresso [kg/mc]
$\phi$	angolo d'attrito interno del terreno espresso in [°]
$\delta$	angolo d'attrito terreno/paratia espresso in [°]
c	coesione del terreno espressa in [kg/cm <sup>2</sup> ]

N°	Descrizione	$\gamma$	$\gamma_{sat}$	$\phi$	$\delta$	c
		[kg/mc]	[kg/mc]	[°]	[°]	[kg/cm <sup>2</sup> ]
1	Rilevato stradale	1900.0	1900.0	35.00	17.50	0.000
2	Unita 1	1800.0	1800.0	33.50	16.50	0.025
3	Unita 2	1900.0	1900.0	29.50	15.00	0.025
4	Unita 3	1950.0	1950.0	28.00	14.00	0.100

### Descrizione stratigrafia

#### Simbologia adottata

n°	numero d'ordine dello strato a partire dalla sommità della paratia
sp	spessore dello strato in corrispondenza dell'asse della paratia espresso in [m]
kw	costante di Winkler orizzontale espressa in Kg/cm <sup>2</sup> /cm
$\alpha$	inclinazione dello strato espressa in GRADI(°) (M: strato di monte V: strato di valle)
Terreno	Terreno associato allo strato (M: strato di monte V: strato di valle)

N°	sp	$\alpha_M$	$\alpha_V$	Kw <sub>M</sub>	Kw <sub>V</sub>	Terreno M	Terreno V
	[m]	[°]	[°]	[kg/cm <sup>2</sup> /cm]	[kg/cm <sup>2</sup> /cm]		
1	5.50	0.00	0.00	1.19	1.19	Rilevato stradale	Rilevato stradale
2	2.00	0.00	0.00	2.67	2.67	Unita 1	Unita 1
3	5.00	0.00	0.00	3.34	3.34	Unita 2	Unita 2
4	10.00	0.00	0.00	5.65	5.65	Unita 3	Unita 3

### Caratteristiche materiali utilizzati

#### Simbologia adottata

$\gamma_{cls}$	Peso specifico cls, espresso in [kg/mc]
Classe cls	Classe di appartenenza del calcestruzzo
Rck	Rigidità cubica caratteristica, espressa in [kg/cm <sup>2</sup> ]
E	Modulo elastico, espresso in [kg/cm <sup>2</sup> ]
Acciaio	Tipo di acciaio
n	Coeff. di omogeneizzazione acciaio-calcestruzzo

Descrizione	$\gamma_{cls}$	Classe cls	Rck	E	Acciaio	n
	[kg/mc]		[kg/cm <sup>2</sup> ]	[kg/cm <sup>2</sup> ]		
Paratia	2500	C20/25	255	307953	B450C	15.00
Cordolo/Muro	2500	C20/25	255	307953	B450C	15.00

Coeff. di omogeneizzazione cls teso/compresso 1.00

### Condizioni di carico

#### Simbologia e convenzioni adottate

PROGETTAZIONE ATI:

Le ascisse dei punti di applicazione del carico sono espresse in [m] rispetto alla testa della paratia

Le ordinate dei punti di applicazione del carico sono espresse in [m] rispetto alla testa della paratia

Ig      Indice di gruppo  
 $F_x$     Forza orizzontale espressa in [kg], positiva da monte verso valle  
 $F_y$     Forza verticale espressa in [kg], positiva verso il basso  
 $M$      Momento espresso in [kgm], positivo ribaltante  
 $Q_l, Q_r$     Intensità dei carichi distribuiti sul profilo espresse in [kg/mq]  
 $V_l, V_s$     Intensità dei carichi distribuiti sulla paratia espresse in [kg/mq], positivi da monte verso valle  
 $R$       Risultante carico distribuito sulla paratia espressa in [kg]

**Condizione n° 1 - Variabile da traffico - Traffico (Ig=0) [ $\Psi_0=1.00 - \Psi_1=1.00 - \Psi_2=1.00$ ]**

Carico distribuito sul profilo	$X_l = 1.00$	$X_r = 10.00$	$Q_l = 2000$	$Q_r = 2000$
--------------------------------	--------------	---------------	--------------	--------------

Combinazioni di carico

Nella tabella sono riportate le condizioni di carico di ogni combinazione con il relativo coefficiente di partecipazione.

Combinazione n° 1 - SLU - STR (A1-M1-R1)

Condizione	Fav/Sfav	$\gamma$	$\Psi$
Spinta terreno	SFAV	1.30	
Traffico	SFAV	1.35	1.00

Combinazione n° 2 - SLU - GEO (A2-M2-R1)

Condizione	Fav/Sfav	$\gamma$	$\Psi$
Spinta terreno	SFAV	1.00	
Traffico	SFAV	1.15	1.00

Combinazione n° 3 - SLE - Rara

Condizione	Fav/Sfav	$\gamma$	$\Psi$
Spinta terreno	SFAV	1.00	
Traffico	SFAV	1.00	1.00

Combinazione n° 4 - SLE - Frequente

Condizione	Fav/Sfav	$\gamma$	$\Psi$
Spinta terreno	SFAV	1.00	
Traffico	SFAV	1.00	1.00

Combinazione n° 5 - SLE - Quasi permanente

Condizione	Fav/Sfav	$\gamma$	$\Psi$
Spinta terreno	SFAV	1.00	
Traffico	SFAV	1.00	1.00

Impostazioni di progetto

Spinte e verifiche secondo: Norme Tecniche sulle Costruzioni 2018 (17/01/2018)

**Coefficienti parziali per le azioni o per l'effetto delle azioni:**

Carichi	Effetto		Statici		Sismici	
			A1	A2	A1	A2
Permanenti	Favorevole	$\gamma_{cfav}$	1.00	1.00	1.00	1.00
Permanenti	Sfavorevole	$\gamma_{csfav}$	1.30	1.00	1.00	1.00
Permanenti ns	Favorevole	$\gamma_{cfav}$	0.80	0.80	0.00	0.00
Permanenti ns	Sfavorevole	$\gamma_{csfav}$	1.50	1.30	1.00	1.00
Variabili	Favorevole	$\gamma_{cfav}$	0.00	0.00	0.00	0.00
Variabili	Sfavorevole	$\gamma_{csfav}$	1.50	1.30	1.00	1.00

PROGETTAZIONE ATI:

Carichi	Effetto		Statici		Sismici	
			A1	A2	A1	A2
Variabili da traffico	Favorevole	$\gamma_{Ofav}$	0.00	0.00	0.00	0.00
Variabili da traffico	Sfavorevole	$\gamma_{Osfav}$	1.35	1.15	1.00	1.00

**Coefficienti parziali per i parametri geotecnici del terreno:**

Parametri		Statici		Sismici	
		M1	M2	M1	M2
Tangente dell'angolo di attrito	$\gamma_{tan\phi}$	1.00	1.25	1.00	1.00
Coesione efficace	$\gamma_c$	1.00	1.25	1.00	1.00
Resistenza non drenata	$\gamma_{cu}$	1.00	1.40	1.00	1.00
Resistenza a compressione uniaassiale	$\gamma_{qu}$	1.00	1.60	1.00	1.00
Peso dell'unità di volume	$\gamma_r$	1.00	1.00	1.00	1.00

Verifica materiali : Stato Limite

**Impostazioni verifiche SLU**

Coefficienti parziali per resistenze di calcolo dei materiali

Coefficiente di sicurezza calcestruzzo	1.50
Coefficiente di sicurezza acciaio	1.15
Fattore riduzione da resistenza cubica a cilindrica	0.83
Fattore di riduzione per carichi di lungo periodo	0.85
Coefficiente di sicurezza per la sezione	1.00

Verifica Taglio

Sezione in c.a.

$$V_{Rsd} = 0.9 \cdot d \cdot A_{sw} / s \cdot f_{yd} \cdot (\text{ctg}\alpha + \text{ctg}\theta) \cdot \sin\alpha$$

$$V_{Rcd} = 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f_{cd}' \cdot (\text{ctg}(\theta) + \text{ctg}(\alpha)) / (1.0 + \text{ctg}\theta^2)$$

con:

d	altezza utile sezione [mm]
$b_w$	larghezza minima sezione [mm]
$A_{sw}$	area armatura trasversale [mmq]
s	interasse tra due armature trasversali consecutive [mm]
$\alpha_c$	coefficiente maggiorativo, funzione di fcd e $\sigma_{cp}$
$\sigma_{cp}$	tensione media di compressione [N/mmq]
$f_{cd}' = 0.5 \cdot f_{cd}$	

**Impostazioni verifiche SLE**

Condizioni ambientali	Ordinarie
Armatura ad aderenza migliorata	
Sensibilità delle armature	Poco sensibile
Valori limite delle aperture delle fessure	$w_1 = 0.20$ $w_2 = 0.30$ $w_3 = 0.40$
Metodo di calcolo aperture delle fessure	NTC 2008-2018 - I° Formulazione
<u>Verifica delle tensioni</u>	
Combinazione di carico	Rara $\sigma_c < 0.60 f_{ck}$ - $\sigma_f < 0.80 f_{yk}$ Quasi permanente $\sigma_c < 0.45 f_{ck}$

Impostazioni di analisi

**Analisi per Combinazioni di Carico.**

Rottura del terreno: Pressione passiva

Influenza  $\delta$  (angolo di attrito terreno-paratia): Nel calcolo del coefficiente di spinta attiva  $K_a$  e nell'inclinazione della spinta attiva (non viene considerato per la spinta passiva)

PROGETTAZIONE ATI:

Stabilità globale: Metodo di Fellenius

Impostazioni analisi sismica

Non sono state analizzate Combinazioni/Fasi sismiche.

PROGETTAZIONE ATI:

## Risultati

### Analisi della paratia

#### L'analisi è stata eseguita per combinazioni di carico

La paratia è analizzata con il metodo degli elementi finiti.

Essa è discretizzata in 110 elementi fuori terra e 250 elementi al di sotto della linea di fondo scavo.

Le molle che simulano il terreno hanno un comportamento elastoplastico: una volta raggiunta la pressione passiva non reagiscono ad ulteriori incremento di carico.

Altezza fuori terra della paratia	5.50	[m]
Profondità di infissione	12.50	[m]
Altezza totale della paratia	18.00	[m]

### Forze agenti sulla paratia

Tutte le forze si intendono positive se dirette da monte verso valle. Esse sono riferite ad un metro di larghezza della paratia. Le Y hanno come origine la testa della paratia, e sono espresse in [m]

#### Simbologia adottata

n°	Indice della Combinazione/Fase
Tipo	Tipo della Combinazione/Fase
Pa	Spinta attiva, espressa in [kg]
Is	Incremento sismico della spinta, espressa in [kg]
Pw	Spinta della falda, espressa in [kg]
Pp	Resistenza passiva, espressa in [kg]
Pc	Controspinta, espressa in [kg]

n°	Tipo	Pa	Y <sub>Pa</sub>	Is	Y <sub>Is</sub>	Pw	Y <sub>Pw</sub>	Pp	Y <sub>Pp</sub>	Pc	Y <sub>Pc</sub>
		[kg]	[m]	[kg]	[m]	[kg]	[m]	[kg]	[m]	[kg]	[m]
1	SLU - STR	11745	3.72	--	--	--	--	-18656	7.94	6912	15.11
2	SLU - GEO	12607	3.79	--	--	--	--	-21871	8.83	9264	15.69
3	SLE - Rara	8861	3.70	--	--	--	--	-14019	7.89	5158	15.08
4	SLE - Frequente	8861	3.70	--	--	--	--	-14019	7.89	5158	15.08
5	SLE - Quasi permanente	8861	3.70	--	--	--	--	-14019	7.89	5158	15.08

#### Simbologia adottata

n°	Indice della Combinazione/Fase
Tipo	Tipo della Combinazione/Fase
Rc	Risultante carichi esterni applicati, espressa in [kg]
Rt	Risultante delle reazioni dei tiranti (componente orizzontale), espressa in [kg]
Rv	Risultante delle reazioni dei vincoli, espressa in [kg]
Rp	Risultante delle reazioni dei puntoni, espressa in [kg]

n°	Tipo	Rc	Y <sub>Rc</sub>	Rt	Y <sub>Rt</sub>	Rv	Y <sub>Rv</sub>	Rp	Y <sub>Rp</sub>
		[kg]	[m]	[kg]	[m]	[kg]	[m]	[kg]	[m]
1	SLU - STR	0	0.00	0	0.00	0	0.00	0	0.00
2	SLU - GEO	0	0.00	0	0.00	0	0.00	0	0.00
3	SLE - Rara	0	0.00	0	0.00	0	0.00	0	0.00
4	SLE - Frequente	0	0.00	0	0.00	0	0.00	0	0.00
5	SLE - Quasi permanente	0	0.00	0	0.00	0	0.00	0	0.00

#### Simbologia adottata

n°	Indice della Combinazione/Fase
Tipo	Tipo della Combinazione/Fase
P <sub>NUL</sub>	Punto di nullo del diagramma, espresso in [m]
P <sub>INV</sub>	Punto di inversione del diagramma, espresso in [m]
C <sub>ROT</sub>	Punto Centro di rotazione, espresso in [m]
MP	Percentuale molle plasticizzate, espressa in [%]
R/R <sub>MAX</sub>	Rapporto tra lo sforzo reale nelle molle e lo sforzo che le molle sarebbero in grado di esplicare, espresso in [%]
Pd	Portanza di progetto, espressa in [kg]

n°	Tipo	P <sub>NUL</sub>	P <sub>INV</sub>	C <sub>ROT</sub>	MP	R/R <sub>MAX</sub>	Pd
		[m]	[m]	[m]	[%]	[%]	[m]
1	SLU - STR	5.88	6.85	11.59	10.76	3.50	---
2	SLU - GEO	6.22	8.65	12.45	25.10	7.55	---
3	SLE - Rara	5.83	6.80	11.55	10.36	3.36	---
4	SLE - Frequente	5.83	6.80	11.55	10.36	3.36	---
5	SLE - Quasi permanente	5.83	6.80	11.55	10.36	3.36	---

PROGETTAZIONE ATI:

### Valori massimi e minimi sollecitazioni per metro di paratia

#### Simbologia adottata

n° Indice della combinazione/fase  
 Tipo Tipo della combinazione/fase  
 Y ordinata della sezione rispetto alla testa espressa in [m]  
 M momento flettente massimo e minimo espresso in [kgm]  
 N sforzo normale massimo e minimo espresso in [kg] (positivo di compressione)  
 T taglio massimo e minimo espresso in [kg]

n°	Tipo	M	Y <sub>M</sub>	T	Y <sub>T</sub>	N	Y <sub>N</sub>	
		[kgm]	[m]	[kg]	[m]	[kg]	[m]	
1	SLU - STR	40945	8.20	11744	5.85	35626	18.00	MAX
		0	0.00	-6912	11.55	0	0.00	MIN
2	SLU - GEO	52712	9.00	12606	6.20	35626	18.00	MAX
		0	0.00	-9264	12.45	0	0.00	MIN
3	SLE - Rara	30610	8.15	8861	5.80	35626	18.00	MAX
		0	18.00	-5158	11.50	0	0.00	MIN
4	SLE - Frequente	30610	8.15	8861	5.80	35626	18.00	MAX
		0	18.00	-5158	11.50	0	0.00	MIN
5	SLE - Quasi permanente	30610	8.15	8861	5.80	35626	18.00	MAX
		0	18.00	-5158	11.50	0	0.00	MIN

### Spostamenti massimi e minimi della paratia

#### Simbologia adottata

n° Indice della combinazione/fase  
 Tipo Tipo della combinazione/fase  
 Y ordinata della sezione rispetto alla testa della paratia espressa in [m]  
 U spostamento orizzontale massimo e minimo espresso in [cm] positivo verso valle  
 V spostamento verticale massimo e minimo espresso in [cm] positivo verso il basso

n°	Tipo	U	Y <sub>U</sub>	V	Y <sub>V</sub>	
		[cm]	[m]	[cm]	[m]	
1	SLU - STR	1.1051	0.00	0.0132	0.00	MAX
		-0.0246	14.65	0.0000	0.00	MIN
2	SLU - GEO	1.6066	0.00	0.0132	0.00	MAX
		-0.0370	17.75	0.0000	0.00	MIN
3	SLE - Rara	0.8219	0.00	0.0132	0.00	MAX
		-0.0184	14.60	0.0000	0.00	MIN
4	SLE - Frequente	0.8219	0.00	0.0132	0.00	MAX
		-0.0184	14.60	0.0000	0.00	MIN
5	SLE - Quasi permanente	0.8219	0.00	0.0132	0.00	MAX
		-0.0184	14.60	0.0000	0.00	MIN

### Verifica a spostamento

#### Simbologia adottata

n° Indice combinazione/Fase  
 Tipo Tipo combinazione/Fase  
 Ulim spostamento orizzontale limite, espresso in [cm]  
 U spostamento orizzontale calcolato, espresso in [cm] (positivo verso valle)

n°	Tipo	Ulim	U
		[cm]	[cm]
1	SLU - STR	0.0000	1.1051
2	SLU - GEO	0.0000	1.6066
3	SLE - Rara	0.0000	0.8219
4	SLE - Frequente	0.0000	0.8219
5	SLE - Quasi permanente	0.0000	0.8219

### Verifiche di corpo rigido

#### Simbologia adottata

n° Indice della combinazione/fase  
 Tipo Tipo della combinazione/fase  
 S Spinta attiva da monte (risultante diagramma delle pressioni attive da monte) espressa in [kg]  
 R Resistenza passiva da valle (risultante diagramma delle pressioni passive da valle) espresso in [kg]  
 W Spinta netta falda (positiva da monte verso valle), espresso in [kg]  
 T Reazione tiranti espresso in [kg]

PROGETTAZIONE ATI:

P Reazione puntoni espresso in [kg]  
V Reazione vincoli espresso in [kg]  
C Risultante carichi applicati sulla paratia (positiva da monte verso valle) espresso in [kg]  
Y Punto di applicazione, espresso in [m]  
Mr Momento ribaltante, espresso in [kgm]  
Ms Momento stabilizzante, espresso in [kgm]  
FS<sub>RIB</sub> Fattore di sicurezza a ribaltamento  
FS<sub>SCO</sub> Fattore di sicurezza a scorrimento  
I punti di applicazione delle azioni sono riferite alla testa della paratia.  
La verifica a ribaltamento viene eseguita rispetto al centro di rotazione posto alla base del palo.

n°	Tipo	S Y	R Y	W Y	T Y	P Y	V Y	C Y	Mr	Ms	FS <sub>RIB</sub>	FS <sub>SCO</sub>
		[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kgm]	[kgm]		
2	SLU - GEO	120890 11.95	365882 13.85	0 0.00	0 0.00	0 0.00	0 0.00	0 0.00	715117	1519177	2.124	3.094

### Stabilità globale

#### Simbologia adottata

n° Indice della combinazione/fase  
Tipo Tipo della combinazione/fase  
(X<sub>c</sub>; Y<sub>c</sub>) Coordinate centro cerchio superficie di scorrimento, espresse in [m]  
R Raggio cerchio superficie di scorrimento, espresso in [m]  
(X<sub>v</sub>; Y<sub>v</sub>) Coordinate intersezione del cerchio con il pendio a valle, espresse in [m]  
(X<sub>M</sub>; Y<sub>M</sub>) Coordinate intersezione del cerchio con il pendio a monte, espresse in [m]  
FS Coefficiente di sicurezza  
R Coefficiente di sicurezza richiesto

Numero di cerchi analizzati 100

n°	Tipo	X <sub>c</sub> , Y <sub>c</sub>	R	X <sub>v</sub> , Y <sub>v</sub>	X <sub>M</sub> , Y <sub>M</sub>	FS	R
		[m]	[m]	[m]	[m]		
2	SLU - GEO	-1.80; 0.00	18.09	-19.04; -5.48	16.29; 0.00	3.239	1.100

### Dettagli superficie con fattore di sicurezza minimo

#### Simbologia adottata

Le ascisse X sono considerate positive verso monte  
Le ordinate Y sono considerate positive verso l'alto  
Origine in testa alla paratia (spigolo contro terra)  
Le strisce sono numerate da monte verso valle  
N° numero d'ordine della striscia  
W peso della striscia espresso in [kg]  
α angolo fra la base della striscia e l'orizzontale espresso in gradi (positivo antiorario)  
φ angolo d'attrito del terreno lungo la base della striscia  
c coesione del terreno lungo la base della striscia espressa in [kg/cm<sup>2</sup>]  
b larghezza della striscia espressa in [m]  
L sviluppo della base della striscia espressa in [m] (L=b/cosα)  
u pressione neutra lungo la base della striscia espressa in [kg/cm<sup>2</sup>]  
Ctn, Ctt contributo alla striscia normale e tangenziale del tirante espresse in [kg]

### Combinazione n° 2 - SLU - GEO

Numero di strisce 51

#### Caratteristiche delle strisce

N°	W <sub>i</sub>	α	L	φ	c	u	(Ctn; Ctt)
	[kg]	[°]	[m]	[°]	[kg/cm <sup>2</sup> ]	[kg/cm <sup>2</sup> ]	[kg]
1	1153.83	-69.22	1.99	27.90	0.020	0.000	(0; 0)
2	3272.29	-63.56	1.58	24.35	0.020	0.000	(0; 0)
3	5004.39	-58.89	1.36	24.35	0.020	0.000	(0; 0)
4	6456.60	-54.79	1.22	24.35	0.020	0.000	(0; 0)
5	7710.97	-51.07	1.12	24.35	0.020	0.000	(0; 0)
6	8814.10	-47.64	1.05	24.35	0.020	0.000	(0; 0)
7	9809.63	-44.42	0.99	23.04	0.080	0.000	(0; 0)
8	10711.66	-41.37	0.94	23.04	0.080	0.000	(0; 0)
9	11523.60	-38.45	0.90	23.04	0.080	0.000	(0; 0)
10	12256.36	-35.65	0.87	23.04	0.080	0.000	(0; 0)
11	12918.34	-32.95	0.84	23.04	0.080	0.000	(0; 0)
12	13516.11	-30.32	0.82	23.04	0.080	0.000	(0; 0)
13	14054.93	-27.77	0.80	23.04	0.080	0.000	(0; 0)
14	14539.03	-25.27	0.78	23.04	0.080	0.000	(0; 0)

PROGETTAZIONE ATI:



N°	W <sub>i</sub> [kg]	α [°]	L [m]	φ [°]	c [kg/cmq]	u [kg/cmq]	(Ctn; Ctt) [kg]
15	14971.91	-22.82	0.77	23.04	0.080	0.000	(0; 0)
16	15356.41	-20.42	0.75	23.04	0.080	0.000	(0; 0)
17	15694.91	-18.05	0.74	23.04	0.080	0.000	(0; 0)
18	15989.37	-15.72	0.73	23.04	0.080	0.000	(0; 0)
19	16241.38	-13.41	0.72	23.04	0.080	0.000	(0; 0)
20	16452.28	-11.12	0.72	23.04	0.080	0.000	(0; 0)
21	16623.12	-8.85	0.71	23.04	0.080	0.000	(0; 0)
22	16754.73	-6.60	0.71	23.04	0.080	0.000	(0; 0)
23	16847.74	-4.35	0.71	23.04	0.080	0.000	(0; 0)
24	16902.58	-2.12	0.71	23.04	0.080	0.000	(0; 0)
25	16919.51	0.12	0.71	23.04	0.080	0.000	(0; 0)
26	16898.61	2.35	0.71	23.04	0.080	0.000	(0; 0)
27	16839.77	4.59	0.71	23.04	0.080	0.000	(0; 0)
28	23210.33	6.79	0.68	23.04	0.080	0.000	(0; 0)
29	23908.18	8.96	0.69	23.04	0.080	0.000	(0; 0)
30	24487.71	11.15	0.69	23.04	0.080	0.000	(0; 0)
31	24292.62	13.35	0.70	23.04	0.080	0.000	(0; 0)
32	24060.89	15.57	0.70	23.04	0.080	0.000	(0; 0)
33	23791.41	17.81	0.71	23.04	0.080	0.000	(0; 0)
34	23482.81	20.09	0.72	23.04	0.080	0.000	(0; 0)
35	23133.46	22.39	0.73	23.04	0.080	0.000	(0; 0)
36	22741.39	24.74	0.75	23.04	0.080	0.000	(0; 0)
37	22304.22	27.13	0.76	23.04	0.080	0.000	(0; 0)
38	21819.13	29.58	0.78	23.04	0.080	0.000	(0; 0)
39	21282.64	32.08	0.80	23.04	0.080	0.000	(0; 0)
40	20690.56	34.66	0.83	23.04	0.080	0.000	(0; 0)
41	20037.67	37.32	0.85	23.04	0.080	0.000	(0; 0)
42	18900.89	40.07	0.89	23.04	0.080	0.000	(0; 0)
43	16960.43	42.95	0.93	23.04	0.080	0.000	(0; 0)
44	16079.79	45.96	0.98	23.70	0.050	0.000	(0; 0)
45	15116.78	49.15	1.04	24.35	0.020	0.000	(0; 0)
46	14038.99	52.56	1.12	24.35	0.020	0.000	(0; 0)
47	12811.93	56.27	1.22	24.35	0.020	0.000	(0; 0)
48	11386.81	60.38	1.37	24.35	0.020	0.000	(0; 0)
49	9682.97	65.11	1.61	26.13	0.020	0.000	(0; 0)
50	7565.78	70.96	2.08	28.58	0.010	0.000	(0; 0)
51	3165.18	82.13	4.96	29.26	0.000	0.000	(0; 0)

Resistenza a taglio paratia = 0.00 [kg]

$\Sigma W_i = 789186.72$  [kg]

$\Sigma W_i \sin \alpha_i = 98043.77$  [kg]

$\Sigma W_i \cos \alpha_i \tan \phi_i = 291052.15$  [kg]

$\Sigma c_i b_i / \cos \alpha_i = 26464.66$  [kg]

### Verifica armatura paratia (Inviluppo sezioni critiche)

#### Verifica a flessione

##### Simbologia adottata

n°	numero d'ordine della sezione
Y	ordinata della sezione rispetto alla testa espressa in [m]
A <sub>r</sub>	area di armatura del palo espressa in [cmq]
M	momento flettente agente sul palo espresso in [kgm]
N	sforzo normale agente sul palo espresso in [kg] (positivo di compressione)
M <sub>u</sub>	momento ultimo di riferimento espresso in [kgm]
N <sub>u</sub>	sforzo normale ultimo di riferimento espresso in [kg]
Fs	coefficiente di sicurezza (rapporto fra la sollecitazione ultima e la sollecitazione di esercizio)

n° - Tipo	Y [m]	A <sub>r</sub> [cmq]	M [kgm]	N [kg]	M <sub>u</sub> [kgm]	N <sub>u</sub> [kg]	FS
2 - SLU - GEO	8.90	72.38	75270	25164	150351	50265	1.997

#### Verifica a taglio

##### Simbologia adottata

PROGETTAZIONE ATI:

n° numero d'ordine della sezione  
 Tipo Tipo della Combinazione/Fase  
 Y ordinata della sezione rispetto alla testa, espressa in [m]  
 A<sub>sw</sub> area dell'armatura trasversale, espressa in [cmq]  
 s interasse tra due armature trasversali consecutive, espressa in [cm]  
 V<sub>Ed</sub> taglio agente sul palo, espresso in [kg]  
 V<sub>Rd</sub> taglio resistente, espresso in [kg]  
 FS coefficiente di sicurezza (rapporto tra V<sub>Rd</sub>/ V<sub>Ed</sub>)

La verifica a taglio del palo è stata eseguita considerando una sezione quadrata equivalente di lato B = 102.43 cm

n° - Tipo	Y	A <sub>sw</sub>	s	V <sub>Ed</sub>	V <sub>Rd</sub>	FS
	[m]	[cmq]	[cm]	[kg]	[kg]	
2 - SLU - GEO	6.20	2.26	14.00	18009	139868	7.766

### Verifica tensioni

#### Simbologia adottata

n° numero d'ordine della sezione  
 Y ordinata della sezione rispetto alla testa espressa in [m]  
 Af area di armatura espressa in [cmq]  
 σ<sub>c</sub> tensione nel calcestruzzo espressa in [kg/cmq]  
 σ<sub>f</sub> tensione nell'acciaio espressa in [kg/cmq]

A <sub>f</sub>	σ <sub>c</sub>	cmb	σ <sub>f</sub>	cmb
[cmq]	[kg/cmq]		[kg/cmq]	
72.38	46.91	5	1458.27	3

### Verifica fessurazione

#### Simbologia adottata

Tipo Tipo della Combinazione/Fase  
 Oggetto Muro/Paratia  
 Y Ordinata sezione, espresso in [m]  
 M Momento agente, espresso in [kgm]  
 M<sub>f</sub> Momento prima fessurazione, espresso in [kgm]  
 s Distanza media tra le fessure, espressa in [mm]  
 ε<sub>sm</sub> Deformazione nelle fessure, espressa in [%]  
 W<sub>lim</sub> Apertura limite fessure, espressa in [mm]  
 W<sub>k</sub> Ampiezza fessure, espressa in [mm]

Oggetto	n° - Tipo	Y	M	M <sub>f</sub>	s	ε <sub>sm</sub>	W <sub>lim</sub>	W <sub>k</sub>
		[m]	[kgm]	[kgm]	[mm]	[%]	[mm]	[mm]
Paratia	5 - SLE - Quasi permanente	7.95	43618	37226	320.483	0.0301	0.300	0.164

### Verifica sezione cordoli

#### Simbologia adottata

M<sub>h</sub> momento flettente espresso in [kgm] nel piano orizzontale  
 T<sub>h</sub> taglio espresso in [kg] nel piano orizzontale  
 M<sub>v</sub> momento flettente espresso in [kgm] nel piano verticale  
 T<sub>v</sub> taglio espresso in [kg] nel piano verticale

#### Cordolo N° 1 (X=0.00 m) (Cordolo in c.a.)

B=140.00 [cm]	H=100.00 [cm]		
A <sub>rv</sub> =44.23 [cmq]	A <sub>rh</sub> =40.21 [cmq]	Staffe φ10/7	Nbh=2 - Nbv=2
M <sub>h</sub> =24709 [kgm]	M <sub>uh</sub> =226248 [kgm]	FS=9.16	
T <sub>h</sub> =49418 [kg]	T <sub>Rh</sub> =110401 [kg]	FS <sub>T</sub> =2.23	
M <sub>v</sub> =3430 [kgm]	M <sub>uv</sub> =157205 [kgm]	FS=45.83	
T <sub>v</sub> =4900 [kg]	T <sub>Rv</sub> =78167 [kg]	FS <sub>Tv</sub> =15.95	

PROGETTAZIONE ATI:

### **13. ALLEGATO – OUTPUT MODELLO DI CALCOLO**

PROGETTAZIONE ATI:

**Table: Area Loads - Gravity**

**Table: Area Loads - Gravity**

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
34	Q_sisma	GLOBAL	0.568	0.	0.
35	Q_sisma	GLOBAL	0.568	0.	0.
36	Q_sisma	GLOBAL	0.568	0.	0.
37	Q_sisma	GLOBAL	0.568	0.	0.
38	Q_sisma	GLOBAL	0.568	0.	0.
39	Q_sisma	GLOBAL	0.568	0.	0.
40	Q_sisma	GLOBAL	0.568	0.	0.
41	Q_sisma	GLOBAL	0.568	0.	0.
42	Q_sisma	GLOBAL	0.568	0.	0.
43	Q_sisma	GLOBAL	0.568	0.	0.
44	Q_sisma	GLOBAL	0.568	0.	0.
45	Q_sisma	GLOBAL	0.568	0.	0.
46	Q_sisma	GLOBAL	0.568	0.	0.
47	Q_sisma	GLOBAL	0.568	0.	0.
48	Q_sisma	GLOBAL	0.568	0.	0.
49	Q_sisma	GLOBAL	0.568	0.	0.
50	Q_sisma	GLOBAL	0.568	0.	0.
51	Q_sisma	GLOBAL	0.568	0.	0.
52	Q_sisma	GLOBAL	0.568	0.	0.
53	Q_sisma	GLOBAL	0.568	0.	0.
54	Q_sisma	GLOBAL	0.568	0.	0.
55	Q_sisma	GLOBAL	0.568	0.	0.
56	Q_sisma	GLOBAL	0.568	0.	0.
57	Q_sisma	GLOBAL	0.568	0.	0.
58	Q_sisma	GLOBAL	0.568	0.	0.
59	Q_sisma	GLOBAL	0.568	0.	0.
60	Q_sisma	GLOBAL	0.568	0.	0.
61	Q_sisma	GLOBAL	0.568	0.	0.
62	Q_sisma	GLOBAL	0.568	0.	0.
63	Q_sisma	GLOBAL	0.568	0.	0.
64	Q_sisma	GLOBAL	0.568	0.	0.
65	Q_sisma	GLOBAL	0.568	0.	0.
66	Q_sisma	GLOBAL	0.568	0.	0.
67	Q_sisma	GLOBAL	0.568	0.	0.
68	Q_sisma	GLOBAL	0.568	0.	0.
69	Q_sisma	GLOBAL	0.568	0.	0.
70	Q_sisma	GLOBAL	0.568	0.	0.
71	Q_sisma	GLOBAL	0.568	0.	0.
72	Q_sisma	GLOBAL	0.568	0.	0.
73	Q_sisma	GLOBAL	0.568	0.	0.
74	Q_sisma	GLOBAL	0.568	0.	0.
75	Q_sisma	GLOBAL	0.568	0.	0.
76	Q_sisma	GLOBAL	0.568	0.	0.
77	Q_sisma	GLOBAL	0.568	0.	0.
78	Q_sisma	GLOBAL	0.568	0.	0.
79	Q_sisma	GLOBAL	0.568	0.	0.
80	Q_sisma	GLOBAL	0.568	0.	0.
81	Q_sisma	GLOBAL	0.568	0.	0.
82	Q_sisma	GLOBAL	0.568	0.	0.
83	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Area Loads - Gravity**

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
84	Q_sisma	GLOBAL	0.568	0.	0.
85	Q_sisma	GLOBAL	0.568	0.	0.
86	Q_sisma	GLOBAL	0.568	0.	0.
87	Q_sisma	GLOBAL	0.568	0.	0.
88	Q_sisma	GLOBAL	0.568	0.	0.
89	Q_sisma	GLOBAL	0.568	0.	0.
90	Q_sisma	GLOBAL	0.568	0.	0.
91	Q_sisma	GLOBAL	0.568	0.	0.
92	Q_sisma	GLOBAL	0.568	0.	0.
93	Q_sisma	GLOBAL	0.568	0.	0.
94	Q_sisma	GLOBAL	0.568	0.	0.
95	Q_sisma	GLOBAL	0.568	0.	0.
96	Q_sisma	GLOBAL	0.568	0.	0.
97	Q_sisma	GLOBAL	0.568	0.	0.
98	Q_sisma	GLOBAL	0.568	0.	0.
99	Q_sisma	GLOBAL	0.568	0.	0.
100	Q_sisma	GLOBAL	0.568	0.	0.
101	Q_sisma	GLOBAL	0.568	0.	0.
102	Q_sisma	GLOBAL	0.568	0.	0.
103	Q_sisma	GLOBAL	0.568	0.	0.
104	Q_sisma	GLOBAL	0.568	0.	0.
105	Q_sisma	GLOBAL	0.568	0.	0.
106	Q_sisma	GLOBAL	0.568	0.	0.
107	Q_sisma	GLOBAL	0.568	0.	0.
108	Q_sisma	GLOBAL	0.568	0.	0.
109	Q_sisma	GLOBAL	0.568	0.	0.
110	Q_sisma	GLOBAL	0.568	0.	0.
111	Q_sisma	GLOBAL	0.568	0.	0.
112	Q_sisma	GLOBAL	0.568	0.	0.
113	Q_sisma	GLOBAL	0.568	0.	0.
114	Q_sisma	GLOBAL	0.568	0.	0.
115	Q_sisma	GLOBAL	0.568	0.	0.
116	Q_sisma	GLOBAL	0.568	0.	0.
117	Q_sisma	GLOBAL	0.568	0.	0.
118	Q_sisma	GLOBAL	0.568	0.	0.
119	Q_sisma	GLOBAL	0.568	0.	0.
120	Q_sisma	GLOBAL	0.568	0.	0.
121	Q_sisma	GLOBAL	0.568	0.	0.
122	Q_sisma	GLOBAL	0.568	0.	0.
123	Q_sisma	GLOBAL	0.568	0.	0.
124	Q_sisma	GLOBAL	0.568	0.	0.
125	Q_sisma	GLOBAL	0.568	0.	0.
126	Q_sisma	GLOBAL	0.568	0.	0.
127	Q_sisma	GLOBAL	0.568	0.	0.
128	Q_sisma	GLOBAL	0.568	0.	0.
129	Q_sisma	GLOBAL	0.568	0.	0.
130	Q_sisma	GLOBAL	0.568	0.	0.
131	Q_sisma	GLOBAL	0.568	0.	0.
132	Q_sisma	GLOBAL	0.568	0.	0.
133	Q_sisma	GLOBAL	0.568	0.	0.
134	Q_sisma	GLOBAL	0.568	0.	0.
135	Q_sisma	GLOBAL	0.568	0.	0.
136	Q_sisma	GLOBAL	0.568	0.	0.
137	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Area Loads - Gravity**

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
138	Q_sisma	GLOBAL	0.568	0.	0.
139	Q_sisma	GLOBAL	0.568	0.	0.
140	Q_sisma	GLOBAL	0.568	0.	0.
141	Q_sisma	GLOBAL	0.568	0.	0.
142	Q_sisma	GLOBAL	0.568	0.	0.
143	Q_sisma	GLOBAL	0.568	0.	0.
144	Q_sisma	GLOBAL	0.568	0.	0.
145	Q_sisma	GLOBAL	0.568	0.	0.
146	Q_sisma	GLOBAL	0.568	0.	0.
147	Q_sisma	GLOBAL	0.568	0.	0.
148	Q_sisma	GLOBAL	0.568	0.	0.
149	Q_sisma	GLOBAL	0.568	0.	0.
150	Q_sisma	GLOBAL	0.568	0.	0.
151	Q_sisma	GLOBAL	0.568	0.	0.
152	Q_sisma	GLOBAL	0.568	0.	0.
153	Q_sisma	GLOBAL	0.568	0.	0.
154	Q_sisma	GLOBAL	0.568	0.	0.
155	Q_sisma	GLOBAL	0.568	0.	0.
156	Q_sisma	GLOBAL	0.568	0.	0.
157	Q_sisma	GLOBAL	0.568	0.	0.
158	Q_sisma	GLOBAL	0.568	0.	0.
159	Q_sisma	GLOBAL	0.568	0.	0.
160	Q_sisma	GLOBAL	0.568	0.	0.
161	Q_sisma	GLOBAL	0.568	0.	0.
162	Q_sisma	GLOBAL	0.568	0.	0.
163	Q_sisma	GLOBAL	0.568	0.	0.
164	Q_sisma	GLOBAL	0.568	0.	0.
165	Q_sisma	GLOBAL	0.568	0.	0.
166	Q_sisma	GLOBAL	0.568	0.	0.
167	Q_sisma	GLOBAL	0.568	0.	0.
168	Q_sisma	GLOBAL	0.568	0.	0.
169	Q_sisma	GLOBAL	0.568	0.	0.
170	Q_sisma	GLOBAL	0.568	0.	0.
171	Q_sisma	GLOBAL	0.568	0.	0.
172	Q_sisma	GLOBAL	0.568	0.	0.
173	Q_sisma	GLOBAL	0.568	0.	0.
174	Q_sisma	GLOBAL	0.568	0.	0.
175	Q_sisma	GLOBAL	0.568	0.	0.
176	Q_sisma	GLOBAL	0.568	0.	0.
177	Q_sisma	GLOBAL	0.568	0.	0.
178	Q_sisma	GLOBAL	0.568	0.	0.
179	Q_sisma	GLOBAL	0.568	0.	0.
180	Q_sisma	GLOBAL	0.568	0.	0.
181	Q_sisma	GLOBAL	0.568	0.	0.
182	Q_sisma	GLOBAL	0.568	0.	0.
183	Q_sisma	GLOBAL	0.568	0.	0.
184	Q_sisma	GLOBAL	0.568	0.	0.
185	Q_sisma	GLOBAL	0.568	0.	0.
186	Q_sisma	GLOBAL	0.568	0.	0.
187	Q_sisma	GLOBAL	0.568	0.	0.
188	Q_sisma	GLOBAL	0.568	0.	0.
189	Q_sisma	GLOBAL	0.568	0.	0.
190	Q_sisma	GLOBAL	0.568	0.	0.
191	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Area Loads - Gravity**

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
192	Q_sisma	GLOBAL	0.568	0.	0.
193	Q_sisma	GLOBAL	0.568	0.	0.
194	Q_sisma	GLOBAL	0.568	0.	0.
195	Q_sisma	GLOBAL	0.568	0.	0.
196	Q_sisma	GLOBAL	0.568	0.	0.
197	Q_sisma	GLOBAL	0.568	0.	0.
198	Q_sisma	GLOBAL	0.568	0.	0.
199	Q_sisma	GLOBAL	0.568	0.	0.
200	Q_sisma	GLOBAL	0.568	0.	0.
201	Q_sisma	GLOBAL	0.568	0.	0.
202	Q_sisma	GLOBAL	0.568	0.	0.
203	Q_sisma	GLOBAL	0.568	0.	0.
204	Q_sisma	GLOBAL	0.568	0.	0.
205	Q_sisma	GLOBAL	0.568	0.	0.
206	Q_sisma	GLOBAL	0.568	0.	0.
207	Q_sisma	GLOBAL	0.568	0.	0.
208	Q_sisma	GLOBAL	0.568	0.	0.
209	Q_sisma	GLOBAL	0.568	0.	0.
210	Q_sisma	GLOBAL	0.568	0.	0.
211	Q_sisma	GLOBAL	0.568	0.	0.
212	Q_sisma	GLOBAL	0.568	0.	0.
213	Q_sisma	GLOBAL	0.568	0.	0.
214	Q_sisma	GLOBAL	0.568	0.	0.
215	Q_sisma	GLOBAL	0.568	0.	0.
216	Q_sisma	GLOBAL	0.568	0.	0.
217	Q_sisma	GLOBAL	0.568	0.	0.
218	Q_sisma	GLOBAL	0.568	0.	0.
219	Q_sisma	GLOBAL	0.568	0.	0.
220	Q_sisma	GLOBAL	0.568	0.	0.
221	Q_sisma	GLOBAL	0.568	0.	0.
222	Q_sisma	GLOBAL	0.568	0.	0.
223	Q_sisma	GLOBAL	0.568	0.	0.
224	Q_sisma	GLOBAL	0.568	0.	0.
225	Q_sisma	GLOBAL	0.568	0.	0.
227	Q_sisma	GLOBAL	0.568	0.	0.
228	Q_sisma	GLOBAL	0.568	0.	0.
229	Q_sisma	GLOBAL	0.568	0.	0.
230	Q_sisma	GLOBAL	0.568	0.	0.
231	Q_sisma	GLOBAL	0.568	0.	0.
232	Q_sisma	GLOBAL	0.568	0.	0.
233	Q_sisma	GLOBAL	0.568	0.	0.
234	Q_sisma	GLOBAL	0.568	0.	0.
235	Q_sisma	GLOBAL	0.568	0.	0.
236	Q_sisma	GLOBAL	0.568	0.	0.
237	Q_sisma	GLOBAL	0.568	0.	0.
238	Q_sisma	GLOBAL	0.568	0.	0.
239	Q_sisma	GLOBAL	0.568	0.	0.
240	Q_sisma	GLOBAL	0.568	0.	0.
241	Q_sisma	GLOBAL	0.568	0.	0.
242	Q_sisma	GLOBAL	0.568	0.	0.
243	Q_sisma	GLOBAL	0.568	0.	0.
244	Q_sisma	GLOBAL	0.568	0.	0.
245	Q_sisma	GLOBAL	0.568	0.	0.
246	Q_sisma	GLOBAL	0.568	0.	0.



**Table: Area Loads - Gravity**

Area	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
247	Q_sisma	GLOBAL	0.568	0.	0.
248	Q_sisma	GLOBAL	0.568	0.	0.
249	Q_sisma	GLOBAL	0.568	0.	0.
250	Q_sisma	GLOBAL	0.568	0.	0.
251	Q_sisma	GLOBAL	0.568	0.	0.
252	Q_sisma	GLOBAL	0.568	0.	0.
253	Q_sisma	GLOBAL	0.568	0.	0.
254	Q_sisma	GLOBAL	0.568	0.	0.
255	Q_sisma	GLOBAL	0.568	0.	0.
256	Q_sisma	GLOBAL	0.568	0.	0.
257	Q_sisma	GLOBAL	0.568	0.	0.
258	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Area Loads - Uniform**

**Table: Area Loads - Uniform**

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
34	Q1_traffico	GLOBAL	Gravity	9.
34	G2_imp	GLOBAL	Gravity	3.3
35	Q1_traffico	GLOBAL	Gravity	9.
35	G2_imp	GLOBAL	Gravity	3.3
36	Q1_traffico	GLOBAL	Gravity	9.
36	G2_imp	GLOBAL	Gravity	3.3
37	Q1_traffico	GLOBAL	Gravity	9.
37	G2_imp	GLOBAL	Gravity	3.3
38	Q1_traffico	GLOBAL	Gravity	9.
38	G2_imp	GLOBAL	Gravity	3.3
39	Q1_traffico	GLOBAL	Gravity	9.
39	G2_imp	GLOBAL	Gravity	3.3
40	Q1_traffico	GLOBAL	Gravity	9.
40	G2_imp	GLOBAL	Gravity	3.3
41	Q1_traffico	GLOBAL	Gravity	9.
41	G2_imp	GLOBAL	Gravity	3.3
42	Q1_traffico	GLOBAL	Gravity	9.
42	G2_imp	GLOBAL	Gravity	3.3
43	Q1_traffico	GLOBAL	Gravity	9.
43	G2_imp	GLOBAL	Gravity	3.3
44	Q1_traffico	GLOBAL	Gravity	9.
44	G2_imp	GLOBAL	Gravity	3.3
45	Q1_traffico	GLOBAL	Gravity	9.
45	G2_imp	GLOBAL	Gravity	3.3
46	Q1_traffico	GLOBAL	Gravity	9.
46	G2_imp	GLOBAL	Gravity	3.3
47	Q1_traffico	GLOBAL	Gravity	9.
47	G2_imp	GLOBAL	Gravity	3.3
48	Q1_traffico	GLOBAL	Gravity	9.
48	G2_imp	GLOBAL	Gravity	3.3
49	Q1_traffico	GLOBAL	Gravity	9.
49	G2_imp	GLOBAL	Gravity	3.3
50	Q1_traffico	GLOBAL	Gravity	9.
50	G2_imp	GLOBAL	Gravity	3.3
51	Q1_traffico	GLOBAL	Gravity	9.

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
51	G2_imp	GLOBAL	Gravity	3.3
52	Q1_traffico	GLOBAL	Gravity	9.
52	G2_imp	GLOBAL	Gravity	3.3
53	Q1_traffico	GLOBAL	Gravity	9.
53	G2_imp	GLOBAL	Gravity	3.3
54	Q1_traffico	GLOBAL	Gravity	9.
54	G2_imp	GLOBAL	Gravity	3.3
55	Q1_traffico	GLOBAL	Gravity	9.
55	G2_imp	GLOBAL	Gravity	3.3
56	Q1_traffico	GLOBAL	Gravity	9.
56	G2_imp	GLOBAL	Gravity	3.3
57	Q1_traffico	GLOBAL	Gravity	9.
57	G2_imp	GLOBAL	Gravity	3.3
58	Q1_traffico	GLOBAL	Gravity	9.
58	G2_imp	GLOBAL	Gravity	3.3
59	Q1_traffico	GLOBAL	Gravity	9.
59	G2_imp	GLOBAL	Gravity	3.3
60	Q1_traffico	GLOBAL	Gravity	9.
60	G2_imp	GLOBAL	Gravity	3.3
61	Q1_traffico	GLOBAL	Gravity	9.
61	G2_imp	GLOBAL	Gravity	3.3
62	Q1_traffico	GLOBAL	Gravity	9.
62	G2_imp	GLOBAL	Gravity	3.3
63	Q1_traffico	GLOBAL	Gravity	9.
63	G2_imp	GLOBAL	Gravity	3.3
64	Q1_traffico	GLOBAL	Gravity	9.
64	G2_imp	GLOBAL	Gravity	3.3
65	Q1_traffico	GLOBAL	Gravity	9.
65	G2_imp	GLOBAL	Gravity	3.3
66	Q1_traffico	GLOBAL	Gravity	2.5
66	G2_imp	GLOBAL	Gravity	3.3
67	Q1_traffico	GLOBAL	Gravity	2.5
67	G2_imp	GLOBAL	Gravity	3.3
68	Q1_traffico	GLOBAL	Gravity	2.5
68	G2_imp	GLOBAL	Gravity	3.3
69	Q1_traffico	GLOBAL	Gravity	2.5
69	G2_imp	GLOBAL	Gravity	3.3
70	Q1_traffico	GLOBAL	Gravity	2.5
70	G2_imp	GLOBAL	Gravity	3.3
71	Q1_traffico	GLOBAL	Gravity	2.5
71	G2_imp	GLOBAL	Gravity	3.3
72	Q1_traffico	GLOBAL	Gravity	2.5
72	G2_imp	GLOBAL	Gravity	3.3
73	Q1_traffico	GLOBAL	Gravity	2.5
73	G2_imp	GLOBAL	Gravity	3.3
74	Q1_traffico	GLOBAL	Gravity	2.5
74	G2_imp	GLOBAL	Gravity	3.3
75	Q1_traffico	GLOBAL	Gravity	2.5
75	G2_imp	GLOBAL	Gravity	3.3
76	Q1_traffico	GLOBAL	Gravity	2.5
76	G2_imp	GLOBAL	Gravity	3.3
77	Q1_traffico	GLOBAL	Gravity	2.5
77	G2_imp	GLOBAL	Gravity	3.3
78	Q1_traffico	GLOBAL	Gravity	2.5

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
78	G2_imp	GLOBAL	Gravity	3.3
79	Q1_traffico	GLOBAL	Gravity	2.5
79	G2_imp	GLOBAL	Gravity	3.3
80	Q1_traffico	GLOBAL	Gravity	2.5
80	G2_imp	GLOBAL	Gravity	3.3
81	Q1_traffico	GLOBAL	Gravity	2.5
81	G2_imp	GLOBAL	Gravity	3.3
82	Q1_traffico	GLOBAL	Gravity	2.5
82	G2_imp	GLOBAL	Gravity	3.3
83	Q1_traffico	GLOBAL	Gravity	2.5
83	G2_imp	GLOBAL	Gravity	3.3
84	Q1_traffico	GLOBAL	Gravity	2.5
84	G2_imp	GLOBAL	Gravity	3.3
85	Q1_traffico	GLOBAL	Gravity	2.5
85	G2_imp	GLOBAL	Gravity	3.3
86	Q1_traffico	GLOBAL	Gravity	2.5
86	G2_imp	GLOBAL	Gravity	3.3
87	Q1_traffico	GLOBAL	Gravity	2.5
87	G2_imp	GLOBAL	Gravity	3.3
88	Q1_traffico	GLOBAL	Gravity	2.5
88	G2_imp	GLOBAL	Gravity	3.3
89	Q1_traffico	GLOBAL	Gravity	2.5
89	G2_imp	GLOBAL	Gravity	3.3
90	Q1_traffico	GLOBAL	Gravity	2.5
90	G2_imp	GLOBAL	Gravity	3.3
91	Q1_traffico	GLOBAL	Gravity	2.5
91	G2_imp	GLOBAL	Gravity	3.3
92	Q1_traffico	GLOBAL	Gravity	2.5
92	G2_imp	GLOBAL	Gravity	3.3
93	Q1_traffico	GLOBAL	Gravity	2.5
93	G2_imp	GLOBAL	Gravity	3.3
94	Q1_traffico	GLOBAL	Gravity	2.5
94	G2_imp	GLOBAL	Gravity	3.3
95	Q1_traffico	GLOBAL	Gravity	2.5
95	G2_imp	GLOBAL	Gravity	3.3
96	Q1_traffico	GLOBAL	Gravity	2.5
96	G2_imp	GLOBAL	Gravity	3.3
97	Q1_traffico	GLOBAL	Gravity	2.5
97	G2_imp	GLOBAL	Gravity	3.3
98	Q1_traffico	GLOBAL	Gravity	2.5
98	G2_imp	GLOBAL	Gravity	3.3
99	Q1_traffico	GLOBAL	Gravity	2.5
99	G2_imp	GLOBAL	Gravity	3.3
100	Q1_traffico	GLOBAL	Gravity	2.5
100	G2_imp	GLOBAL	Gravity	3.3
101	Q1_traffico	GLOBAL	Gravity	2.5
101	G2_imp	GLOBAL	Gravity	3.3
102	Q1_traffico	GLOBAL	Gravity	2.5
102	G2_imp	GLOBAL	Gravity	3.3
103	Q1_traffico	GLOBAL	Gravity	2.5
103	G2_imp	GLOBAL	Gravity	3.3
104	Q1_traffico	GLOBAL	Gravity	2.5
104	G2_imp	GLOBAL	Gravity	3.3
105	Q1_traffico	GLOBAL	Gravity	2.5

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
105	G2_imp	GLOBAL	Gravity	3.3
106	Q1_traffico	GLOBAL	Gravity	2.5
106	G2_imp	GLOBAL	Gravity	3.3
107	Q1_traffico	GLOBAL	Gravity	2.5
107	G2_imp	GLOBAL	Gravity	3.3
108	Q1_traffico	GLOBAL	Gravity	2.5
108	G2_imp	GLOBAL	Gravity	3.3
109	Q1_traffico	GLOBAL	Gravity	2.5
109	G2_imp	GLOBAL	Gravity	3.3
110	Q1_traffico	GLOBAL	Gravity	2.5
110	G2_imp	GLOBAL	Gravity	3.3
111	Q1_traffico	GLOBAL	Gravity	2.5
111	G2_imp	GLOBAL	Gravity	3.3
112	Q1_traffico	GLOBAL	Gravity	2.5
112	G2_imp	GLOBAL	Gravity	3.3
113	Q1_traffico	GLOBAL	Gravity	2.5
113	G2_imp	GLOBAL	Gravity	3.3
114	Q1_traffico	GLOBAL	Gravity	2.5
114	G2_imp	GLOBAL	Gravity	3.3
115	Q1_traffico	GLOBAL	Gravity	2.5
115	G2_imp	GLOBAL	Gravity	3.3
116	Q1_traffico	GLOBAL	Gravity	2.5
116	G2_imp	GLOBAL	Gravity	3.3
117	Q1_traffico	GLOBAL	Gravity	2.5
117	G2_imp	GLOBAL	Gravity	3.3
118	Q1_traffico	GLOBAL	Gravity	2.5
118	G2_imp	GLOBAL	Gravity	3.3
119	Q1_traffico	GLOBAL	Gravity	2.5
119	G2_imp	GLOBAL	Gravity	3.3
120	Q1_traffico	GLOBAL	Gravity	2.5
120	G2_imp	GLOBAL	Gravity	3.3
121	Q1_traffico	GLOBAL	Gravity	2.5
121	G2_imp	GLOBAL	Gravity	3.3
122	Q1_traffico	GLOBAL	Gravity	2.5
122	G2_imp	GLOBAL	Gravity	3.3
123	Q1_traffico	GLOBAL	Gravity	2.5
123	G2_imp	GLOBAL	Gravity	3.3
124	Q1_traffico	GLOBAL	Gravity	2.5
124	G2_imp	GLOBAL	Gravity	3.3
125	Q1_traffico	GLOBAL	Gravity	2.5
125	G2_imp	GLOBAL	Gravity	3.3
126	Q1_traffico	GLOBAL	Gravity	2.5
126	G2_imp	GLOBAL	Gravity	3.3
127	Q1_traffico	GLOBAL	Gravity	2.5
127	G2_imp	GLOBAL	Gravity	3.3
128	Q1_traffico	GLOBAL	Gravity	2.5
128	G2_imp	GLOBAL	Gravity	3.3
129	Q1_traffico	GLOBAL	Gravity	2.5
129	G2_imp	GLOBAL	Gravity	3.3
130	Q1_traffico	GLOBAL	Gravity	2.5
130	G2_imp	GLOBAL	Gravity	3.3
131	Q1_traffico	GLOBAL	Gravity	2.5
131	G2_imp	GLOBAL	Gravity	3.3
132	Q1_traffico	GLOBAL	Gravity	2.5

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
132	G2_imp	GLOBAL	Gravity	3.3
133	Q1_traffico	GLOBAL	Gravity	2.5
133	G2_imp	GLOBAL	Gravity	3.3
134	Q1_traffico	GLOBAL	Gravity	2.5
134	G2_imp	GLOBAL	Gravity	3.3
135	Q1_traffico	GLOBAL	Gravity	2.5
135	G2_imp	GLOBAL	Gravity	3.3
136	Q1_traffico	GLOBAL	Gravity	2.5
136	G2_imp	GLOBAL	Gravity	3.3
137	Q1_traffico	GLOBAL	Gravity	2.5
137	G2_imp	GLOBAL	Gravity	3.3
138	Q1_traffico	GLOBAL	Gravity	2.5
138	G2_imp	GLOBAL	Gravity	3.3
139	Q1_traffico	GLOBAL	Gravity	2.5
139	G2_imp	GLOBAL	Gravity	3.3
140	Q1_traffico	GLOBAL	Gravity	2.5
140	G2_imp	GLOBAL	Gravity	3.3
141	Q1_traffico	GLOBAL	Gravity	2.5
141	G2_imp	GLOBAL	Gravity	3.3
142	Q1_traffico	GLOBAL	Gravity	2.5
142	G2_imp	GLOBAL	Gravity	3.3
143	Q1_traffico	GLOBAL	Gravity	2.5
143	G2_imp	GLOBAL	Gravity	3.3
144	Q1_traffico	GLOBAL	Gravity	2.5
144	G2_imp	GLOBAL	Gravity	3.3
145	Q1_traffico	GLOBAL	Gravity	2.5
145	G2_imp	GLOBAL	Gravity	3.3
146	Q1_traffico	GLOBAL	Gravity	2.5
146	G2_imp	GLOBAL	Gravity	3.3
147	Q1_traffico	GLOBAL	Gravity	2.5
147	G2_imp	GLOBAL	Gravity	3.3
148	Q1_traffico	GLOBAL	Gravity	2.5
148	G2_imp	GLOBAL	Gravity	3.3
149	Q1_traffico	GLOBAL	Gravity	2.5
149	G2_imp	GLOBAL	Gravity	3.3
150	Q1_traffico	GLOBAL	Gravity	2.5
150	G2_imp	GLOBAL	Gravity	3.3
151	Q1_traffico	GLOBAL	Gravity	2.5
151	G2_imp	GLOBAL	Gravity	3.3
152	Q1_traffico	GLOBAL	Gravity	2.5
152	G2_imp	GLOBAL	Gravity	3.3
153	Q1_traffico	GLOBAL	Gravity	2.5
153	G2_imp	GLOBAL	Gravity	3.3
154	Q1_traffico	GLOBAL	Gravity	2.5
154	G2_imp	GLOBAL	Gravity	3.3
155	Q1_traffico	GLOBAL	Gravity	2.5
155	G2_imp	GLOBAL	Gravity	3.3
156	Q1_traffico	GLOBAL	Gravity	2.5
156	G2_imp	GLOBAL	Gravity	3.3
157	Q1_traffico	GLOBAL	Gravity	2.5
157	G2_imp	GLOBAL	Gravity	3.3
158	Q1_traffico	GLOBAL	Gravity	2.5
158	G2_imp	GLOBAL	Gravity	3.3
159	Q1_traffico	GLOBAL	Gravity	2.5

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
159	G2_imp	GLOBAL	Gravity	3.3
160	Q1_traffico	GLOBAL	Gravity	2.5
160	G2_imp	GLOBAL	Gravity	3.3
161	Q1_traffico	GLOBAL	Gravity	2.5
161	G2_imp	GLOBAL	Gravity	3.3
162	G2_imp	GLOBAL	Gravity	3.3
163	G2_imp	GLOBAL	Gravity	3.3
164	G2_imp	GLOBAL	Gravity	3.3
165	G2_imp	GLOBAL	Gravity	3.3
166	G2_imp	GLOBAL	Gravity	3.3
167	G2_imp	GLOBAL	Gravity	3.3
168	G2_imp	GLOBAL	Gravity	3.3
169	G2_imp	GLOBAL	Gravity	3.3
170	G2_imp	GLOBAL	Gravity	3.3
171	G2_imp	GLOBAL	Gravity	3.3
172	G2_imp	GLOBAL	Gravity	3.3
173	G2_imp	GLOBAL	Gravity	3.3
174	G2_imp	GLOBAL	Gravity	3.3
175	G2_imp	GLOBAL	Gravity	3.3
176	G2_imp	GLOBAL	Gravity	3.3
177	G2_imp	GLOBAL	Gravity	3.3
178	G2_imp	GLOBAL	Gravity	3.3
179	G2_imp	GLOBAL	Gravity	3.3
180	G2_imp	GLOBAL	Gravity	3.3
181	G2_imp	GLOBAL	Gravity	3.3
182	G2_imp	GLOBAL	Gravity	3.3
183	G2_imp	GLOBAL	Gravity	3.3
184	G2_imp	GLOBAL	Gravity	3.3
185	G2_imp	GLOBAL	Gravity	3.3
186	G2_imp	GLOBAL	Gravity	3.3
187	G2_imp	GLOBAL	Gravity	3.3
188	G2_imp	GLOBAL	Gravity	3.3
189	G2_imp	GLOBAL	Gravity	3.3
190	G2_imp	GLOBAL	Gravity	3.3
191	G2_imp	GLOBAL	Gravity	3.3
192	G2_imp	GLOBAL	Gravity	3.3
193	G2_imp	GLOBAL	Gravity	3.3
194	G2_imp	GLOBAL	Gravity	3.3
195	G2_imp	GLOBAL	Gravity	3.3
196	G2_imp	GLOBAL	Gravity	3.3
197	G2_imp	GLOBAL	Gravity	3.3
198	G2_imp	GLOBAL	Gravity	3.3
199	G2_imp	GLOBAL	Gravity	3.3
200	G2_imp	GLOBAL	Gravity	3.3
201	G2_imp	GLOBAL	Gravity	3.3
202	G2_imp	GLOBAL	Gravity	3.3
203	G2_imp	GLOBAL	Gravity	3.3
204	G2_imp	GLOBAL	Gravity	3.3
205	G2_imp	GLOBAL	Gravity	3.3
206	G2_imp	GLOBAL	Gravity	3.3
207	G2_imp	GLOBAL	Gravity	3.3
208	G2_imp	GLOBAL	Gravity	3.3
209	G2_imp	GLOBAL	Gravity	3.3
210	G2_imp	GLOBAL	Gravity	3.3

Table: Area Loads - Uniform

Area	LoadPat	CoordSys	Dir	UnifLoad KN/m2
211	G2_imp	GLOBAL	Gravity	3.3
212	G2_imp	GLOBAL	Gravity	3.3
213	G2_imp	GLOBAL	Gravity	3.3
214	G2_imp	GLOBAL	Gravity	3.3
215	G2_imp	GLOBAL	Gravity	3.3
216	G2_imp	GLOBAL	Gravity	3.3
217	G2_imp	GLOBAL	Gravity	3.3
218	G2_imp	GLOBAL	Gravity	3.3
219	G2_imp	GLOBAL	Gravity	3.3
220	G2_imp	GLOBAL	Gravity	3.3
221	G2_imp	GLOBAL	Gravity	3.3
222	G2_imp	GLOBAL	Gravity	3.3
223	G2_imp	GLOBAL	Gravity	3.3
224	G2_imp	GLOBAL	Gravity	3.3
225	G2_imp	GLOBAL	Gravity	3.3
243	Q1_traffico	GLOBAL	Gravity	9.
243	G2_imp	GLOBAL	Gravity	3.3
244	Q1_traffico	GLOBAL	Gravity	9.
244	G2_imp	GLOBAL	Gravity	3.3
245	Q1_traffico	GLOBAL	Gravity	9.
245	G2_imp	GLOBAL	Gravity	3.3
246	Q1_traffico	GLOBAL	Gravity	9.
246	G2_imp	GLOBAL	Gravity	3.3
247	Q1_traffico	GLOBAL	Gravity	9.
247	G2_imp	GLOBAL	Gravity	3.3
248	Q1_traffico	GLOBAL	Gravity	9.
248	G2_imp	GLOBAL	Gravity	3.3
249	Q1_traffico	GLOBAL	Gravity	9.
249	G2_imp	GLOBAL	Gravity	3.3
250	Q1_traffico	GLOBAL	Gravity	9.
250	G2_imp	GLOBAL	Gravity	3.3
251	Q1_traffico	GLOBAL	Gravity	9.
251	G2_imp	GLOBAL	Gravity	3.3
252	Q1_traffico	GLOBAL	Gravity	9.
252	G2_imp	GLOBAL	Gravity	3.3
253	Q1_traffico	GLOBAL	Gravity	9.
253	G2_imp	GLOBAL	Gravity	3.3
254	Q1_traffico	GLOBAL	Gravity	9.
254	G2_imp	GLOBAL	Gravity	3.3
255	Q1_traffico	GLOBAL	Gravity	9.
255	G2_imp	GLOBAL	Gravity	3.3
256	Q1_traffico	GLOBAL	Gravity	9.
256	G2_imp	GLOBAL	Gravity	3.3
257	Q1_traffico	GLOBAL	Gravity	9.
257	G2_imp	GLOBAL	Gravity	3.3
258	Q1_traffico	GLOBAL	Gravity	9.
258	G2_imp	GLOBAL	Gravity	3.3

**Table: Area Section Assignments**

Table: Area Section Assignments

Area	Section	MatProp
1	Sp80	Default
2	Sp80	Default
3	Sp80	Default
4	Sp80	Default
5	Sp80	Default
7	Sp80	Default
8	Sp80	Default
9	Sp80	Default
10	Sp80	Default
11	Sp80	Default
12	Sp80	Default
13	Sp80	Default
15	Sp80	Default
16	Sp80	Default
18	Sp80	Default
19	Sp80	Default
20	Sp80	Default
21	Sp80	Default
34	Sp80	Default
35	Sp80	Default
36	Sp80	Default
37	Sp80	Default
38	Sp80	Default
39	Sp80	Default
40	Sp80	Default
41	Sp80	Default
42	Sp80	Default
43	Sp80	Default
44	Sp80	Default
45	Sp80	Default
46	Sp80	Default
47	Sp80	Default
48	Sp80	Default
49	Sp80	Default
50	Sp80	Default
51	Sp80	Default
52	Sp80	Default
53	Sp80	Default
54	Sp80	Default
55	Sp80	Default
56	Sp80	Default
57	Sp80	Default
58	Sp80	Default
59	Sp80	Default
60	Sp80	Default
61	Sp80	Default
62	Sp80	Default
63	Sp80	Default
64	Sp80	Default
65	Sp80	Default
66	Sp80	Default
67	Sp80	Default
68	Sp80	Default



**Table: Area Section Assignments**

Area	Section	MatProp
69	Sp80	Default
70	Sp80	Default
71	Sp80	Default
72	Sp80	Default
73	Sp80	Default
74	Sp80	Default
75	Sp80	Default
76	Sp80	Default
77	Sp80	Default
78	Sp80	Default
79	Sp80	Default
80	Sp80	Default
81	Sp80	Default
82	Sp80	Default
83	Sp80	Default
84	Sp80	Default
85	Sp80	Default
86	Sp80	Default
87	Sp80	Default
88	Sp80	Default
89	Sp80	Default
90	Sp80	Default
91	Sp80	Default
92	Sp80	Default
93	Sp80	Default
94	Sp80	Default
95	Sp80	Default
96	Sp80	Default
97	Sp80	Default
98	Sp80	Default
99	Sp80	Default
100	Sp80	Default
101	Sp80	Default
102	Sp80	Default
103	Sp80	Default
104	Sp80	Default
105	Sp80	Default
106	Sp80	Default
107	Sp80	Default
108	Sp80	Default
109	Sp80	Default
110	Sp80	Default
111	Sp80	Default
112	Sp80	Default
113	Sp80	Default
114	Sp80	Default
115	Sp80	Default
116	Sp80	Default
117	Sp80	Default
118	Sp80	Default
119	Sp80	Default
120	Sp80	Default
121	Sp80	Default
122	Sp80	Default

**Table: Area Section Assignments**

Area	Section	MatProp
123	Sp80	Default
124	Sp80	Default
125	Sp80	Default
126	Sp80	Default
127	Sp80	Default
128	Sp80	Default
129	Sp80	Default
130	Sp80	Default
131	Sp80	Default
132	Sp80	Default
133	Sp80	Default
134	Sp80	Default
135	Sp80	Default
136	Sp80	Default
137	Sp80	Default
138	Sp80	Default
139	Sp80	Default
140	Sp80	Default
141	Sp80	Default
142	Sp80	Default
143	Sp80	Default
144	Sp80	Default
145	Sp80	Default
146	Sp80	Default
147	Sp80	Default
148	Sp80	Default
149	Sp80	Default
150	Sp80	Default
151	Sp80	Default
152	Sp80	Default
153	Sp80	Default
154	Sp80	Default
155	Sp80	Default
156	Sp80	Default
157	Sp80	Default
158	Sp80	Default
159	Sp80	Default
160	Sp80	Default
161	Sp80	Default
162	Sp80	Default
163	Sp80	Default
164	Sp80	Default
165	Sp80	Default
166	Sp80	Default
167	Sp80	Default
168	Sp80	Default
169	Sp80	Default
170	Sp80	Default
171	Sp80	Default
172	Sp80	Default
173	Sp80	Default
174	Sp80	Default
175	Sp80	Default
176	Sp80	Default

**Table: Area Section Assignments**

Area	Section	MatProp
177	Sp80	Default
178	Sp80	Default
179	Sp80	Default
180	Sp80	Default
181	Sp80	Default
182	Sp80	Default
183	Sp80	Default
184	Sp80	Default
185	Sp80	Default
186	Sp80	Default
187	Sp80	Default
188	Sp80	Default
189	Sp80	Default
190	Sp80	Default
191	Sp80	Default
192	Sp80	Default
193	Sp80	Default
194	Sp80	Default
195	Sp80	Default
196	Sp80	Default
197	Sp80	Default
198	Sp80	Default
199	Sp80	Default
200	Sp80	Default
201	Sp80	Default
202	Sp80	Default
203	Sp80	Default
204	Sp80	Default
205	Sp80	Default
206	Sp80	Default
207	Sp80	Default
208	Sp80	Default
209	Sp80	Default
210	Sp80	Default
211	Sp80	Default
212	Sp80	Default
213	Sp80	Default
214	Sp80	Default
215	Sp80	Default
216	Sp80	Default
217	Sp80	Default
218	Sp80	Default
219	Sp80	Default
220	Sp80	Default
221	Sp80	Default
222	Sp80	Default
223	Sp80	Default
224	Sp80	Default
225	Sp80	Default
227	Sp80	Default
228	Sp80	Default
229	Sp80	Default
230	Sp80	Default
231	Sp80	Default

**Table: Area Section Assignments**

Area	Section	MatProp
232	Sp80	Default
233	Sp80	Default
234	Sp80	Default
235	Sp80	Default
236	Sp80	Default
237	Sp80	Default
238	Sp80	Default
239	Sp80	Default
240	Sp80	Default
241	Sp80	Default
242	Sp80	Default
243	Sp80	Default
244	Sp80	Default
245	Sp80	Default
246	Sp80	Default
247	Sp80	Default
248	Sp80	Default
249	Sp80	Default
250	Sp80	Default
251	Sp80	Default
252	Sp80	Default
253	Sp80	Default
254	Sp80	Default
255	Sp80	Default
256	Sp80	Default
257	Sp80	Default
258	Sp80	Default

**Table: Area Section Properties, Part 1 of 4**

**Table: Area Section Properties, Part 1 of 4**

Section	Material	MatAngle Degrees	AreaType	Type	DrillDOF	Thickness m	BendThick m	Arc Degrees
H120	C25/30	0.	Shell	Shell-Thick	Yes	1.2	1.2	
Sol_Sp24	C28/35_noMass	0.	Shell	Shell-Thick	Yes	0.24	0.24	
Sp140	C25/30	0.	Shell	Shell-Thick	Yes	1.4	1.4	
sp190	C25/30	0.	Shell	Shell-Thick	Yes	1.9	1.9	
SP30	C25/30	0.	Shell	Shell-Thick	Yes	0.3	0.3	
SP50	C25/30	0.	Shell	Shell-Thick	Yes	0.5	0.5	
Sp80	C25/30	0.	Shell	Shell-Thick	Yes	0.8	0.8	

**Table: Area Section Properties, Part 2 of 4**

**Table: Area Section Properties, Part 2 of 4**

Section	InComp	CoordSys	Color	TotalWt KN	TotalMass KN-s2/m	F11Mod	F22Mod
H120			Green	0.	0.	1.	1.
Sol_Sp24			Green	0.	0.	1.	1.
Sp140			Cyan	0.	0.	1.	1.
sp190			Green	0.	0.	1.	1.
SP30			Green	0.	0.	1.	1.
SP50			Green	0.	0.	1.	1.

Table: Area Section Properties, Part 2 of 4

Section	InComp	CoordSys	Color	TotalWt KN	TotalMass KN-s2/m	F11Mod	F22Mod
Sp80			Green	5023.631	512.27	1.	1.

Table: Area Section Properties, Part 3 of 4

Table: Area Section Properties, Part 3 of 4

Section	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod	MMod	WMod
H120	1.	1.	1.	1.	1.	1.	1.	1.
Sol_Sp24	1.	1.	1.	1.	1.	1.	1.	1.
Sp140	1.	1.	1.	1.	1.	1.	1.	1.
sp190	1.	1.	1.	1.	1.	1.	1.	1.
SP30	1.	1.	1.	1.	1.	1.	1.	1.
SP50	1.	1.	1.	1.	1.	1.	1.	1.
Sp80	1.	1.	1.	1.	1.	1.	1.	1.

Table: Area Section Properties, Part 4 of 4

Table: Area Section Properties, Part 4 of 4

Section	GUID	Notes
H120		Added 09/10/2019 09:22:30
Sol_Sp24		Added 26/03/2019 15:12:05
Sp140		Added 10/02/2022 16:42:52
sp190		Added 10/02/2022 16:26:34
SP30		Added 09/10/2019 17:32:26
SP50		Added 09/10/2019 17:34:35
Sp80		Added 09/10/2019 14:12:50

Table: Area Section Property - Time Dependent

Table: Area Section Property - Time Dependent

Section	TypeSize	AutoSFSize	UserValSize m
H120	User	1.	0.1
Sol_Sp24	User	1.	0.1
Sp140	Auto	1.	
sp190	User	1.	0.1
SP30	User	1.	0.1
SP50	User	1.	0.1
Sp80	User	1.	0.1

Table: Area Section Property Design Parameters

Table: Area Section Property Design Parameters

Section	RebarMat	RebarOpt
H120	None	Default
Sol_Sp24	None	Default
Sp140	None	Default
sp190	None	Default

**Table: Area Section Property Design Parameters**

Section	RebarMat	RebarOpt
SP30	None	Default
SP50	None	Default
Sp80	None	Default

**Table: Frame Auto Mesh Assignments**

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
1	Yes	Yes	No	0	0.	0.
11	Yes	Yes	No	0	0.	0.
12	Yes	Yes	No	0	0.	0.
13	Yes	Yes	No	0	0.	0.
14	Yes	Yes	No	0	0.	0.
15	Yes	Yes	No	0	0.	0.
16	Yes	Yes	No	0	0.	0.
17	Yes	Yes	No	0	0.	0.
18	Yes	Yes	No	0	0.	0.
19	Yes	Yes	No	0	0.	0.
20	Yes	Yes	No	0	0.	0.
21	Yes	Yes	No	0	0.	0.
22	Yes	Yes	No	0	0.	0.
23	Yes	Yes	No	0	0.	0.
24	Yes	Yes	No	0	0.	0.
25	Yes	Yes	No	0	0.	0.
26	Yes	Yes	No	0	0.	0.
27	Yes	Yes	No	0	0.	0.
30	Yes	Yes	No	0	0.	0.
40	Yes	Yes	No	0	0.	0.
41	Yes	Yes	No	0	0.	0.
42	Yes	Yes	No	0	0.	0.
43	Yes	Yes	No	0	0.	0.
44	Yes	Yes	No	0	0.	0.
45	Yes	Yes	No	0	0.	0.
46	Yes	Yes	No	0	0.	0.
47	Yes	Yes	No	0	0.	0.
48	Yes	Yes	No	0	0.	0.
49	Yes	Yes	No	0	0.	0.
50	Yes	Yes	No	0	0.	0.
51	Yes	Yes	No	0	0.	0.
52	Yes	Yes	No	0	0.	0.
53	Yes	Yes	No	0	0.	0.
54	Yes	Yes	No	0	0.	0.
55	Yes	Yes	No	0	0.	0.
63	Yes	Yes	No	0	0.	0.
64	Yes	Yes	No	0	0.	0.
65	Yes	Yes	No	0	0.	0.
66	Yes	Yes	No	0	0.	0.
67	Yes	Yes	No	0	0.	0.
68	Yes	Yes	No	0	0.	0.
69	Yes	Yes	No	0	0.	0.
70	Yes	Yes	No	0	0.	0.

**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
71	Yes	Yes	No	0	0.	0.
72	Yes	Yes	No	0	0.	0.
73	Yes	Yes	No	0	0.	0.
74	Yes	Yes	No	0	0.	0.
75	Yes	Yes	No	0	0.	0.
76	Yes	Yes	No	0	0.	0.
77	Yes	Yes	No	0	0.	0.
78	Yes	Yes	No	0	0.	0.
79	Yes	Yes	No	0	0.	0.
89	Yes	Yes	No	0	0.	0.
90	Yes	Yes	No	0	0.	0.
91	Yes	Yes	No	0	0.	0.
92	Yes	Yes	No	0	0.	0.
93	Yes	Yes	No	0	0.	0.
94	Yes	Yes	No	0	0.	0.
95	Yes	Yes	No	0	0.	0.
96	Yes	Yes	No	0	0.	0.
97	Yes	Yes	No	0	0.	0.
98	Yes	Yes	No	0	0.	0.
99	Yes	Yes	No	0	0.	0.
100	Yes	Yes	No	0	0.	0.
101	Yes	Yes	No	0	0.	0.
102	Yes	Yes	No	0	0.	0.
103	Yes	Yes	No	0	0.	0.
104	Yes	Yes	No	0	0.	0.
105	Yes	Yes	No	0	0.	0.
115	Yes	Yes	No	0	0.	0.
116	Yes	Yes	No	0	0.	0.
117	Yes	Yes	No	0	0.	0.
118	Yes	Yes	No	0	0.	0.
119	Yes	Yes	No	0	0.	0.
120	Yes	Yes	No	0	0.	0.
121	Yes	Yes	No	0	0.	0.
122	Yes	Yes	No	0	0.	0.
123	Yes	Yes	No	0	0.	0.
124	Yes	Yes	No	0	0.	0.
125	Yes	Yes	No	0	0.	0.
126	Yes	Yes	No	0	0.	0.
127	Yes	Yes	No	0	0.	0.
128	Yes	Yes	No	0	0.	0.
129	Yes	Yes	No	0	0.	0.
130	Yes	Yes	No	0	0.	0.
131	Yes	Yes	No	0	0.	0.
141	Yes	Yes	No	0	0.	0.
142	Yes	Yes	No	0	0.	0.
143	Yes	Yes	No	0	0.	0.
144	Yes	Yes	No	0	0.	0.
145	Yes	Yes	No	0	0.	0.
146	Yes	Yes	No	0	0.	0.
147	Yes	Yes	No	0	0.	0.
148	Yes	Yes	No	0	0.	0.
149	Yes	Yes	No	0	0.	0.
150	Yes	Yes	No	0	0.	0.

**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
151	Yes	Yes	No	0	0.	0.
152	Yes	Yes	No	0	0.	0.
153	Yes	Yes	No	0	0.	0.
154	Yes	Yes	No	0	0.	0.
155	Yes	Yes	No	0	0.	0.
156	Yes	Yes	No	0	0.	0.
157	Yes	Yes	No	0	0.	0.
167	Yes	Yes	No	0	0.	0.
168	Yes	Yes	No	0	0.	0.
169	Yes	Yes	No	0	0.	0.
170	Yes	Yes	No	0	0.	0.
171	Yes	Yes	No	0	0.	0.
172	Yes	Yes	No	0	0.	0.
173	Yes	Yes	No	0	0.	0.
174	Yes	Yes	No	0	0.	0.
175	Yes	Yes	No	0	0.	0.
176	Yes	Yes	No	0	0.	0.
177	Yes	Yes	No	0	0.	0.
178	Yes	Yes	No	0	0.	0.
179	Yes	Yes	No	0	0.	0.
180	Yes	Yes	No	0	0.	0.
181	Yes	Yes	No	0	0.	0.
182	Yes	Yes	No	0	0.	0.
183	Yes	Yes	No	0	0.	0.
193	Yes	Yes	No	0	0.	0.
194	Yes	Yes	No	0	0.	0.
195	Yes	Yes	No	0	0.	0.
196	Yes	Yes	No	0	0.	0.
197	Yes	Yes	No	0	0.	0.
198	Yes	Yes	No	0	0.	0.
199	Yes	Yes	No	0	0.	0.
200	Yes	Yes	No	0	0.	0.
201	Yes	Yes	No	0	0.	0.
202	Yes	Yes	No	0	0.	0.
203	Yes	Yes	No	0	0.	0.
204	Yes	Yes	No	0	0.	0.
205	Yes	Yes	No	0	0.	0.
206	Yes	Yes	No	0	0.	0.
207	Yes	Yes	No	0	0.	0.
208	Yes	Yes	No	0	0.	0.
209	Yes	Yes	No	0	0.	0.
219	Yes	Yes	No	0	0.	0.
220	Yes	Yes	No	0	0.	0.
221	Yes	Yes	No	0	0.	0.
222	Yes	Yes	No	0	0.	0.
223	Yes	Yes	No	0	0.	0.
224	Yes	Yes	No	0	0.	0.
225	Yes	Yes	No	0	0.	0.
226	Yes	Yes	No	0	0.	0.
227	Yes	Yes	No	0	0.	0.
228	Yes	Yes	No	0	0.	0.
229	Yes	Yes	No	0	0.	0.
230	Yes	Yes	No	0	0.	0.



**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
231	Yes	Yes	No	0	0.	0.
232	Yes	Yes	No	0	0.	0.
233	Yes	Yes	No	0	0.	0.
234	Yes	Yes	No	0	0.	0.
235	Yes	Yes	No	0	0.	0.
245	Yes	Yes	No	0	0.	0.
246	Yes	Yes	No	0	0.	0.
247	Yes	Yes	No	0	0.	0.
248	Yes	Yes	No	0	0.	0.
249	Yes	Yes	No	0	0.	0.
250	Yes	Yes	No	0	0.	0.
251	Yes	Yes	No	0	0.	0.
252	Yes	Yes	No	0	0.	0.
253	Yes	Yes	No	0	0.	0.
254	Yes	Yes	No	0	0.	0.
255	Yes	Yes	No	0	0.	0.
256	Yes	Yes	No	0	0.	0.
257	Yes	Yes	No	0	0.	0.
258	Yes	Yes	No	0	0.	0.
259	Yes	Yes	No	0	0.	0.
260	Yes	Yes	No	0	0.	0.
261	Yes	Yes	No	0	0.	0.
271	Yes	Yes	No	0	0.	0.
272	Yes	Yes	No	0	0.	0.
273	Yes	Yes	No	0	0.	0.
274	Yes	Yes	No	0	0.	0.
275	Yes	Yes	No	0	0.	0.
276	Yes	Yes	No	0	0.	0.
277	Yes	Yes	No	0	0.	0.
278	Yes	Yes	No	0	0.	0.
279	Yes	Yes	No	0	0.	0.
280	Yes	Yes	No	0	0.	0.
281	Yes	Yes	No	0	0.	0.
282	Yes	Yes	No	0	0.	0.
283	Yes	Yes	No	0	0.	0.
284	Yes	Yes	No	0	0.	0.
285	Yes	Yes	No	0	0.	0.
286	Yes	Yes	No	0	0.	0.
287	Yes	Yes	No	0	0.	0.
297	Yes	Yes	No	0	0.	0.
298	Yes	Yes	No	0	0.	0.
299	Yes	Yes	No	0	0.	0.
300	Yes	Yes	No	0	0.	0.
301	Yes	Yes	No	0	0.	0.
302	Yes	Yes	No	0	0.	0.
303	Yes	Yes	No	0	0.	0.
304	Yes	Yes	No	0	0.	0.
305	Yes	Yes	No	0	0.	0.
306	Yes	Yes	No	0	0.	0.
307	Yes	Yes	No	0	0.	0.
308	Yes	Yes	No	0	0.	0.
309	Yes	Yes	No	0	0.	0.
310	Yes	Yes	No	0	0.	0.

**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
311	Yes	Yes	No	0	0.	0.
312	Yes	Yes	No	0	0.	0.
313	Yes	Yes	No	0	0.	0.
314	Yes	Yes	No	0	0.	0.
315	Yes	Yes	No	0	0.	0.
316	Yes	Yes	No	0	0.	0.
317	Yes	Yes	No	0	0.	0.
318	Yes	Yes	No	0	0.	0.
319	Yes	Yes	No	0	0.	0.
320	Yes	Yes	No	0	0.	0.
321	Yes	Yes	No	0	0.	0.
322	Yes	Yes	No	0	0.	0.
323	Yes	Yes	No	0	0.	0.
324	Yes	Yes	No	0	0.	0.
325	Yes	Yes	No	0	0.	0.
326	Yes	Yes	No	0	0.	0.
327	Yes	Yes	No	0	0.	0.
328	Yes	Yes	No	0	0.	0.
329	Yes	Yes	No	0	0.	0.
330	Yes	Yes	No	0	0.	0.
331	Yes	Yes	No	0	0.	0.
332	Yes	Yes	No	0	0.	0.
333	Yes	Yes	No	0	0.	0.
334	Yes	Yes	No	0	0.	0.
335	Yes	Yes	No	0	0.	0.
336	Yes	Yes	No	0	0.	0.
337	Yes	Yes	No	0	0.	0.
338	Yes	Yes	No	0	0.	0.
339	Yes	Yes	No	0	0.	0.
340	Yes	Yes	No	0	0.	0.
341	Yes	Yes	No	0	0.	0.
342	Yes	Yes	No	0	0.	0.
343	Yes	Yes	No	0	0.	0.
344	Yes	Yes	No	0	0.	0.
345	Yes	Yes	No	0	0.	0.
346	Yes	Yes	No	0	0.	0.
347	Yes	Yes	No	0	0.	0.
348	Yes	Yes	No	0	0.	0.
349	Yes	Yes	No	0	0.	0.
350	Yes	Yes	No	0	0.	0.
351	Yes	Yes	No	0	0.	0.
352	Yes	Yes	No	0	0.	0.
353	Yes	Yes	No	0	0.	0.
354	Yes	Yes	No	0	0.	0.
355	Yes	Yes	No	0	0.	0.
356	Yes	Yes	No	0	0.	0.
357	Yes	Yes	No	0	0.	0.
358	Yes	Yes	No	0	0.	0.
359	Yes	Yes	No	0	0.	0.
360	Yes	Yes	No	0	0.	0.
361	Yes	Yes	No	0	0.	0.
362	Yes	Yes	No	0	0.	0.
363	Yes	Yes	No	0	0.	0.

**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
364	Yes	Yes	No	0	0.	0.
365	Yes	Yes	No	0	0.	0.
366	Yes	Yes	No	0	0.	0.
367	Yes	Yes	No	0	0.	0.
368	Yes	Yes	No	0	0.	0.
369	Yes	Yes	No	0	0.	0.
370	Yes	Yes	No	0	0.	0.
371	Yes	Yes	No	0	0.	0.
372	Yes	Yes	No	0	0.	0.
373	Yes	Yes	No	0	0.	0.
374	Yes	Yes	No	0	0.	0.
375	Yes	Yes	No	0	0.	0.
376	Yes	Yes	No	0	0.	0.
377	Yes	Yes	No	0	0.	0.
378	Yes	Yes	No	0	0.	0.
379	Yes	Yes	No	0	0.	0.
380	Yes	Yes	No	0	0.	0.
381	Yes	Yes	No	0	0.	0.
382	Yes	Yes	No	0	0.	0.
383	Yes	Yes	No	0	0.	0.
384	Yes	Yes	No	0	0.	0.
385	Yes	Yes	No	0	0.	0.
386	Yes	Yes	No	0	0.	0.
387	Yes	Yes	No	0	0.	0.
388	Yes	Yes	No	0	0.	0.
389	Yes	Yes	No	0	0.	0.
390	Yes	Yes	No	0	0.	0.
391	Yes	Yes	No	0	0.	0.
392	Yes	Yes	No	0	0.	0.
393	Yes	Yes	No	0	0.	0.
394	Yes	Yes	No	0	0.	0.
395	Yes	Yes	No	0	0.	0.
396	Yes	Yes	No	0	0.	0.
397	Yes	Yes	No	0	0.	0.
398	Yes	Yes	No	0	0.	0.
399	Yes	Yes	No	0	0.	0.
400	Yes	Yes	No	0	0.	0.
401	Yes	Yes	No	0	0.	0.
402	Yes	Yes	No	0	0.	0.
403	Yes	Yes	No	0	0.	0.
404	Yes	Yes	No	0	0.	0.
405	Yes	Yes	No	0	0.	0.
406	Yes	Yes	No	0	0.	0.
407	Yes	Yes	No	0	0.	0.
408	Yes	Yes	No	0	0.	0.
409	Yes	Yes	No	0	0.	0.
410	Yes	Yes	No	0	0.	0.
411	Yes	Yes	No	0	0.	0.
412	Yes	Yes	No	0	0.	0.
413	Yes	Yes	No	0	0.	0.
414	Yes	Yes	No	0	0.	0.
415	Yes	Yes	No	0	0.	0.
416	Yes	Yes	No	0	0.	0.

**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
417	Yes	Yes	No	0	0.	0.
418	Yes	Yes	No	0	0.	0.
419	Yes	Yes	No	0	0.	0.
420	Yes	Yes	No	0	0.	0.
421	Yes	Yes	No	0	0.	0.
422	Yes	Yes	No	0	0.	0.
423	Yes	Yes	No	0	0.	0.
424	Yes	Yes	No	0	0.	0.
425	Yes	Yes	No	0	0.	0.
426	Yes	Yes	No	0	0.	0.
427	Yes	Yes	No	0	0.	0.
428	Yes	Yes	No	0	0.	0.
429	Yes	Yes	No	0	0.	0.
430	Yes	Yes	No	0	0.	0.
431	Yes	Yes	No	0	0.	0.
432	Yes	Yes	No	0	0.	0.
433	Yes	Yes	No	0	0.	0.
434	Yes	Yes	No	0	0.	0.
435	Yes	Yes	No	0	0.	0.
436	Yes	Yes	No	0	0.	0.
437	Yes	Yes	No	0	0.	0.
438	Yes	Yes	No	0	0.	0.
439	Yes	Yes	No	0	0.	0.
440	Yes	Yes	No	0	0.	0.
441	Yes	Yes	No	0	0.	0.
442	Yes	Yes	No	0	0.	0.
443	Yes	Yes	No	0	0.	0.
444	Yes	Yes	No	0	0.	0.
445	Yes	Yes	No	0	0.	0.
446	Yes	Yes	No	0	0.	0.
447	Yes	Yes	No	0	0.	0.
448	Yes	Yes	No	0	0.	0.
449	Yes	Yes	No	0	0.	0.
450	Yes	Yes	No	0	0.	0.
451	Yes	Yes	No	0	0.	0.
452	Yes	Yes	No	0	0.	0.
453	Yes	Yes	No	0	0.	0.
454	Yes	Yes	No	0	0.	0.
455	Yes	Yes	No	0	0.	0.
456	Yes	Yes	No	0	0.	0.
457	Yes	Yes	No	0	0.	0.
458	Yes	Yes	No	0	0.	0.
459	Yes	Yes	No	0	0.	0.
460	Yes	Yes	No	0	0.	0.
461	Yes	Yes	No	0	0.	0.
462	Yes	Yes	No	0	0.	0.
463	Yes	Yes	No	0	0.	0.
464	Yes	Yes	No	0	0.	0.
465	Yes	Yes	No	0	0.	0.
466	Yes	Yes	No	0	0.	0.
467	Yes	Yes	No	0	0.	0.
468	Yes	Yes	No	0	0.	0.
469	Yes	Yes	No	0	0.	0.

**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
470	Yes	Yes	No	0	0.	0.
471	Yes	Yes	No	0	0.	0.
472	Yes	Yes	No	0	0.	0.
473	Yes	Yes	No	0	0.	0.
474	Yes	Yes	No	0	0.	0.
475	Yes	Yes	No	0	0.	0.
476	Yes	Yes	No	0	0.	0.
477	Yes	Yes	No	0	0.	0.
478	Yes	Yes	No	0	0.	0.
479	Yes	Yes	No	0	0.	0.
480	Yes	Yes	No	0	0.	0.
481	Yes	Yes	No	0	0.	0.
482	Yes	Yes	No	0	0.	0.
483	Yes	Yes	No	0	0.	0.
484	Yes	Yes	No	0	0.	0.
485	Yes	Yes	No	0	0.	0.
486	Yes	Yes	No	0	0.	0.
487	Yes	Yes	No	0	0.	0.
488	Yes	Yes	No	0	0.	0.
489	Yes	Yes	No	0	0.	0.
490	Yes	Yes	No	0	0.	0.
491	Yes	Yes	No	0	0.	0.
492	Yes	Yes	No	0	0.	0.
493	Yes	Yes	No	0	0.	0.
494	Yes	Yes	No	0	0.	0.
495	Yes	Yes	No	0	0.	0.
496	Yes	Yes	No	0	0.	0.
497	Yes	Yes	No	0	0.	0.
498	Yes	Yes	No	0	0.	0.
499	Yes	Yes	No	0	0.	0.
500	Yes	Yes	No	0	0.	0.
501	Yes	Yes	No	0	0.	0.
502	Yes	Yes	No	0	0.	0.
503	Yes	Yes	No	0	0.	0.
504	Yes	Yes	No	0	0.	0.
505	Yes	Yes	No	0	0.	0.
506	Yes	Yes	No	0	0.	0.
507	Yes	Yes	No	0	0.	0.
508	Yes	Yes	No	0	0.	0.
509	Yes	Yes	No	0	0.	0.
510	Yes	Yes	No	0	0.	0.
511	Yes	Yes	No	0	0.	0.
512	Yes	Yes	No	0	0.	0.
513	Yes	Yes	No	0	0.	0.
514	Yes	Yes	No	0	0.	0.
515	Yes	Yes	No	0	0.	0.
516	Yes	Yes	No	0	0.	0.
517	Yes	Yes	No	0	0.	0.
522	Yes	Yes	No	0	0.	0.
523	Yes	Yes	No	0	0.	0.
524	Yes	Yes	No	0	0.	0.
525	Yes	Yes	No	0	0.	0.
526	Yes	Yes	No	0	0.	0.

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
527	Yes	Yes	No	0	0.	0.
528	Yes	Yes	No	0	0.	0.
529	Yes	Yes	No	0	0.	0.
530	Yes	Yes	No	0	0.	0.
531	Yes	Yes	No	0	0.	0.
534	Yes	Yes	No	0	0.	0.
539	Yes	Yes	No	0	0.	0.
540	Yes	Yes	No	0	0.	0.
541	Yes	Yes	No	0	0.	0.
542	Yes	Yes	No	0	0.	0.
543	Yes	Yes	No	0	0.	0.
544	Yes	Yes	No	0	0.	0.
545	Yes	Yes	No	0	0.	0.
546	Yes	Yes	No	0	0.	0.
547	Yes	Yes	No	0	0.	0.
548	Yes	Yes	No	0	0.	0.
551	Yes	Yes	No	0	0.	0.
556	Yes	Yes	No	0	0.	0.
557	Yes	Yes	No	0	0.	0.
558	Yes	Yes	No	0	0.	0.
559	Yes	Yes	No	0	0.	0.
560	Yes	Yes	No	0	0.	0.
561	Yes	Yes	No	0	0.	0.
562	Yes	Yes	No	0	0.	0.
563	Yes	Yes	No	0	0.	0.
564	Yes	Yes	No	0	0.	0.
565	Yes	Yes	No	0	0.	0.
568	Yes	Yes	No	0	0.	0.
573	Yes	Yes	No	0	0.	0.
574	Yes	Yes	No	0	0.	0.
575	Yes	Yes	No	0	0.	0.
576	Yes	Yes	No	0	0.	0.
577	Yes	Yes	No	0	0.	0.
578	Yes	Yes	No	0	0.	0.
579	Yes	Yes	No	0	0.	0.
580	Yes	Yes	No	0	0.	0.
581	Yes	Yes	No	0	0.	0.
582	Yes	Yes	No	0	0.	0.
583	Yes	Yes	No	0	0.	0.
588	Yes	Yes	No	0	0.	0.
589	Yes	Yes	No	0	0.	0.
590	Yes	Yes	No	0	0.	0.
591	Yes	Yes	No	0	0.	0.
592	Yes	Yes	No	0	0.	0.
593	Yes	Yes	No	0	0.	0.
594	Yes	Yes	No	0	0.	0.
595	Yes	Yes	No	0	0.	0.
596	Yes	Yes	No	0	0.	0.
597	Yes	Yes	No	0	0.	0.
598	Yes	Yes	No	0	0.	0.
603	Yes	Yes	No	0	0.	0.
604	Yes	Yes	No	0	0.	0.
605	Yes	Yes	No	0	0.	0.

Table: Frame Auto Mesh Assignments

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
606	Yes	Yes	No	0	0.	0.
607	Yes	Yes	No	0	0.	0.
608	Yes	Yes	No	0	0.	0.
609	Yes	Yes	No	0	0.	0.
610	Yes	Yes	No	0	0.	0.
611	Yes	Yes	No	0	0.	0.
612	Yes	Yes	No	0	0.	0.
613	Yes	Yes	No	0	0.	0.
618	Yes	Yes	No	0	0.	0.
619	Yes	Yes	No	0	0.	0.
620	Yes	Yes	No	0	0.	0.
621	Yes	Yes	No	0	0.	0.
622	Yes	Yes	No	0	0.	0.
623	Yes	Yes	No	0	0.	0.
624	Yes	Yes	No	0	0.	0.
625	Yes	Yes	No	0	0.	0.
626	Yes	Yes	No	0	0.	0.
627	Yes	Yes	No	0	0.	0.
628	Yes	Yes	No	0	0.	0.
633	Yes	Yes	No	0	0.	0.
634	Yes	Yes	No	0	0.	0.
635	Yes	Yes	No	0	0.	0.
636	Yes	Yes	No	0	0.	0.
637	Yes	Yes	No	0	0.	0.
638	Yes	Yes	No	0	0.	0.
639	Yes	Yes	No	0	0.	0.
640	Yes	Yes	No	0	0.	0.
641	Yes	Yes	No	0	0.	0.
642	Yes	Yes	No	0	0.	0.
643	Yes	Yes	No	0	0.	0.
648	Yes	Yes	No	0	0.	0.
649	Yes	Yes	No	0	0.	0.
650	Yes	Yes	No	0	0.	0.
651	Yes	Yes	No	0	0.	0.
652	Yes	Yes	No	0	0.	0.
653	Yes	Yes	No	0	0.	0.
654	Yes	Yes	No	0	0.	0.
655	Yes	Yes	No	0	0.	0.
656	Yes	Yes	No	0	0.	0.
657	Yes	Yes	No	0	0.	0.
658	Yes	Yes	No	0	0.	0.
663	Yes	Yes	No	0	0.	0.
664	Yes	Yes	No	0	0.	0.
665	Yes	Yes	No	0	0.	0.
666	Yes	Yes	No	0	0.	0.
667	Yes	Yes	No	0	0.	0.
668	Yes	Yes	No	0	0.	0.
669	Yes	Yes	No	0	0.	0.
670	Yes	Yes	No	0	0.	0.
671	Yes	Yes	No	0	0.	0.
672	Yes	Yes	No	0	0.	0.
673	Yes	Yes	No	0	0.	0.
678	Yes	Yes	No	0	0.	0.

**Table: Frame Auto Mesh Assignments**

Frame	AutoMesh	AtJoints	AtFrames	NumSegments	MaxLength	MaxDegrees
					m	Degrees
679	Yes	Yes	No	0	0.	0.
680	Yes	Yes	No	0	0.	0.
681	Yes	Yes	No	0	0.	0.
682	Yes	Yes	No	0	0.	0.
683	Yes	Yes	No	0	0.	0.
684	Yes	Yes	No	0	0.	0.
685	Yes	Yes	No	0	0.	0.
686	Yes	Yes	No	0	0.	0.
687	Yes	Yes	No	0	0.	0.
688	Yes	Yes	No	0	0.	0.
693	Yes	Yes	No	0	0.	0.
694	Yes	Yes	No	0	0.	0.
695	Yes	Yes	No	0	0.	0.
696	Yes	Yes	No	0	0.	0.
697	Yes	Yes	No	0	0.	0.
698	Yes	Yes	No	0	0.	0.
699	Yes	Yes	No	0	0.	0.
700	Yes	Yes	No	0	0.	0.
701	Yes	Yes	No	0	0.	0.
702	Yes	Yes	No	0	0.	0.

**Table: Frame Load Transfer Options**

**Table: Frame Load Transfer Options**

Frame	Transfer
1	Yes
11	Yes
12	Yes
13	Yes
14	Yes
15	Yes
16	Yes
17	Yes
18	Yes
19	Yes
20	Yes
21	Yes
22	Yes
23	Yes
24	Yes
25	Yes
26	Yes
27	Yes
30	Yes
40	Yes
41	Yes
42	Yes
43	Yes
44	Yes
45	Yes
46	Yes



**Table: Frame Load Transfer Options**

Frame	Transfer
47	Yes
48	Yes
49	Yes
50	Yes
51	Yes
52	Yes
53	Yes
54	Yes
55	Yes
63	Yes
64	Yes
65	Yes
66	Yes
67	Yes
68	Yes
69	Yes
70	Yes
71	Yes
72	Yes
73	Yes
74	Yes
75	Yes
76	Yes
77	Yes
78	Yes
79	Yes
89	Yes
90	Yes
91	Yes
92	Yes
93	Yes
94	Yes
95	Yes
96	Yes
97	Yes
98	Yes
99	Yes
100	Yes
101	Yes
102	Yes
103	Yes
104	Yes
105	Yes
115	Yes
116	Yes
117	Yes
118	Yes
119	Yes
120	Yes
121	Yes
122	Yes
123	Yes
124	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
125	Yes
126	Yes
127	Yes
128	Yes
129	Yes
130	Yes
131	Yes
141	Yes
142	Yes
143	Yes
144	Yes
145	Yes
146	Yes
147	Yes
148	Yes
149	Yes
150	Yes
151	Yes
152	Yes
153	Yes
154	Yes
155	Yes
156	Yes
157	Yes
167	Yes
168	Yes
169	Yes
170	Yes
171	Yes
172	Yes
173	Yes
174	Yes
175	Yes
176	Yes
177	Yes
178	Yes
179	Yes
180	Yes
181	Yes
182	Yes
183	Yes
193	Yes
194	Yes
195	Yes
196	Yes
197	Yes
198	Yes
199	Yes
200	Yes
201	Yes
202	Yes
203	Yes
204	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
205	Yes
206	Yes
207	Yes
208	Yes
209	Yes
219	Yes
220	Yes
221	Yes
222	Yes
223	Yes
224	Yes
225	Yes
226	Yes
227	Yes
228	Yes
229	Yes
230	Yes
231	Yes
232	Yes
233	Yes
234	Yes
235	Yes
245	Yes
246	Yes
247	Yes
248	Yes
249	Yes
250	Yes
251	Yes
252	Yes
253	Yes
254	Yes
255	Yes
256	Yes
257	Yes
258	Yes
259	Yes
260	Yes
261	Yes
271	Yes
272	Yes
273	Yes
274	Yes
275	Yes
276	Yes
277	Yes
278	Yes
279	Yes
280	Yes
281	Yes
282	Yes
283	Yes
284	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
285	Yes
286	Yes
287	Yes
297	Yes
298	Yes
299	Yes
300	Yes
301	Yes
302	Yes
303	Yes
304	Yes
305	Yes
306	Yes
307	Yes
308	Yes
309	Yes
310	Yes
311	Yes
312	Yes
313	Yes
314	Yes
315	Yes
316	Yes
317	Yes
318	Yes
319	Yes
320	Yes
321	Yes
322	Yes
323	Yes
324	Yes
325	Yes
326	Yes
327	Yes
328	Yes
329	Yes
330	Yes
331	Yes
332	Yes
333	Yes
334	Yes
335	Yes
336	Yes
337	Yes
338	Yes
339	Yes
340	Yes
341	Yes
342	Yes
343	Yes
344	Yes
345	Yes
346	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
347	Yes
348	Yes
349	Yes
350	Yes
351	Yes
352	Yes
353	Yes
354	Yes
355	Yes
356	Yes
357	Yes
358	Yes
359	Yes
360	Yes
361	Yes
362	Yes
363	Yes
364	Yes
365	Yes
366	Yes
367	Yes
368	Yes
369	Yes
370	Yes
371	Yes
372	Yes
373	Yes
374	Yes
375	Yes
376	Yes
377	Yes
378	Yes
379	Yes
380	Yes
381	Yes
382	Yes
383	Yes
384	Yes
385	Yes
386	Yes
387	Yes
388	Yes
389	Yes
390	Yes
391	Yes
392	Yes
393	Yes
394	Yes
395	Yes
396	Yes
397	Yes
398	Yes
399	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
400	Yes
401	Yes
402	Yes
403	Yes
404	Yes
405	Yes
406	Yes
407	Yes
408	Yes
409	Yes
410	Yes
411	Yes
412	Yes
413	Yes
414	Yes
415	Yes
416	Yes
417	Yes
418	Yes
419	Yes
420	Yes
421	Yes
422	Yes
423	Yes
424	Yes
425	Yes
426	Yes
427	Yes
428	Yes
429	Yes
430	Yes
431	Yes
432	Yes
433	Yes
434	Yes
435	Yes
436	Yes
437	Yes
438	Yes
439	Yes
440	Yes
441	Yes
442	Yes
443	Yes
444	Yes
445	Yes
446	Yes
447	Yes
448	Yes
449	Yes
450	Yes
451	Yes
452	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
453	Yes
454	Yes
455	Yes
456	Yes
457	Yes
458	Yes
459	Yes
460	Yes
461	Yes
462	Yes
463	Yes
464	Yes
465	Yes
466	Yes
467	Yes
468	Yes
469	Yes
470	Yes
471	Yes
472	Yes
473	Yes
474	Yes
475	Yes
476	Yes
477	Yes
478	Yes
479	Yes
480	Yes
481	Yes
482	Yes
483	Yes
484	Yes
485	Yes
486	Yes
487	Yes
488	Yes
489	Yes
490	Yes
491	Yes
492	Yes
493	Yes
494	Yes
495	Yes
496	Yes
497	Yes
498	Yes
499	Yes
500	Yes
501	Yes
502	Yes
503	Yes
504	Yes
505	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
506	Yes
507	Yes
508	Yes
509	Yes
510	Yes
511	Yes
512	Yes
513	Yes
514	Yes
515	Yes
516	Yes
517	Yes
522	Yes
523	Yes
524	Yes
525	Yes
526	Yes
527	Yes
528	Yes
529	Yes
530	Yes
531	Yes
534	Yes
539	Yes
540	Yes
541	Yes
542	Yes
543	Yes
544	Yes
545	Yes
546	Yes
547	Yes
548	Yes
551	Yes
556	Yes
557	Yes
558	Yes
559	Yes
560	Yes
561	Yes
562	Yes
563	Yes
564	Yes
565	Yes
568	Yes
573	Yes
574	Yes
575	Yes
576	Yes
577	Yes
578	Yes
579	Yes
580	Yes



**Table: Frame Load Transfer  
Options**

Frame	Transfer
581	Yes
582	Yes
583	Yes
588	Yes
589	Yes
590	Yes
591	Yes
592	Yes
593	Yes
594	Yes
595	Yes
596	Yes
597	Yes
598	Yes
603	Yes
604	Yes
605	Yes
606	Yes
607	Yes
608	Yes
609	Yes
610	Yes
611	Yes
612	Yes
613	Yes
618	Yes
619	Yes
620	Yes
621	Yes
622	Yes
623	Yes
624	Yes
625	Yes
626	Yes
627	Yes
628	Yes
633	Yes
634	Yes
635	Yes
636	Yes
637	Yes
638	Yes
639	Yes
640	Yes
641	Yes
642	Yes
643	Yes
648	Yes
649	Yes
650	Yes
651	Yes
652	Yes
653	Yes

**Table: Frame Load Transfer Options**

Frame	Transfer
654	Yes
655	Yes
656	Yes
657	Yes
658	Yes
663	Yes
664	Yes
665	Yes
666	Yes
667	Yes
668	Yes
669	Yes
670	Yes
671	Yes
672	Yes
673	Yes
678	Yes
679	Yes
680	Yes
681	Yes
682	Yes
683	Yes
684	Yes
685	Yes
686	Yes
687	Yes
688	Yes
693	Yes
694	Yes
695	Yes
696	Yes
697	Yes
698	Yes
699	Yes
700	Yes
701	Yes
702	Yes

**Table: Frame Loads - Gravity**

**Table: Frame Loads - Gravity**

Frame	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
51	Q_sisma	GLOBAL	0.568	0.	0.
52	Q_sisma	GLOBAL	0.568	0.	0.
53	Q_sisma	GLOBAL	0.568	0.	0.
54	Q_sisma	GLOBAL	0.568	0.	0.
55	Q_sisma	GLOBAL	0.568	0.	0.
22	Q_sisma	GLOBAL	0.568	0.	0.
23	Q_sisma	GLOBAL	0.568	0.	0.
24	Q_sisma	GLOBAL	0.568	0.	0.
25	Q_sisma	GLOBAL	0.568	0.	0.
26	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Frame Loads - Gravity**

Frame	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
74	Q_sisma	GLOBAL	0.568	0.	0.
75	Q_sisma	GLOBAL	0.568	0.	0.
76	Q_sisma	GLOBAL	0.568	0.	0.
77	Q_sisma	GLOBAL	0.568	0.	0.
78	Q_sisma	GLOBAL	0.568	0.	0.
100	Q_sisma	GLOBAL	0.568	0.	0.
101	Q_sisma	GLOBAL	0.568	0.	0.
102	Q_sisma	GLOBAL	0.568	0.	0.
103	Q_sisma	GLOBAL	0.568	0.	0.
104	Q_sisma	GLOBAL	0.568	0.	0.
126	Q_sisma	GLOBAL	0.568	0.	0.
127	Q_sisma	GLOBAL	0.568	0.	0.
128	Q_sisma	GLOBAL	0.568	0.	0.
129	Q_sisma	GLOBAL	0.568	0.	0.
130	Q_sisma	GLOBAL	0.568	0.	0.
152	Q_sisma	GLOBAL	0.568	0.	0.
153	Q_sisma	GLOBAL	0.568	0.	0.
154	Q_sisma	GLOBAL	0.568	0.	0.
155	Q_sisma	GLOBAL	0.568	0.	0.
156	Q_sisma	GLOBAL	0.568	0.	0.
178	Q_sisma	GLOBAL	0.568	0.	0.
179	Q_sisma	GLOBAL	0.568	0.	0.
180	Q_sisma	GLOBAL	0.568	0.	0.
181	Q_sisma	GLOBAL	0.568	0.	0.
182	Q_sisma	GLOBAL	0.568	0.	0.
204	Q_sisma	GLOBAL	0.568	0.	0.
205	Q_sisma	GLOBAL	0.568	0.	0.
206	Q_sisma	GLOBAL	0.568	0.	0.
207	Q_sisma	GLOBAL	0.568	0.	0.
208	Q_sisma	GLOBAL	0.568	0.	0.
230	Q_sisma	GLOBAL	0.568	0.	0.
231	Q_sisma	GLOBAL	0.568	0.	0.
232	Q_sisma	GLOBAL	0.568	0.	0.
233	Q_sisma	GLOBAL	0.568	0.	0.
234	Q_sisma	GLOBAL	0.568	0.	0.
256	Q_sisma	GLOBAL	0.568	0.	0.
257	Q_sisma	GLOBAL	0.568	0.	0.
258	Q_sisma	GLOBAL	0.568	0.	0.
259	Q_sisma	GLOBAL	0.568	0.	0.
260	Q_sisma	GLOBAL	0.568	0.	0.
282	Q_sisma	GLOBAL	0.568	0.	0.
283	Q_sisma	GLOBAL	0.568	0.	0.
284	Q_sisma	GLOBAL	0.568	0.	0.
285	Q_sisma	GLOBAL	0.568	0.	0.
286	Q_sisma	GLOBAL	0.568	0.	0.
308	Q_sisma	GLOBAL	0.568	0.	0.
309	Q_sisma	GLOBAL	0.568	0.	0.
310	Q_sisma	GLOBAL	0.568	0.	0.
311	Q_sisma	GLOBAL	0.568	0.	0.
312	Q_sisma	GLOBAL	0.568	0.	0.
325	Q_sisma	GLOBAL	0.568	0.	0.
326	Q_sisma	GLOBAL	0.568	0.	0.
327	Q_sisma	GLOBAL	0.568	0.	0.
328	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Frame Loads - Gravity**

Frame	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
329	Q_sisma	GLOBAL	0.568	0.	0.
342	Q_sisma	GLOBAL	0.568	0.	0.
343	Q_sisma	GLOBAL	0.568	0.	0.
344	Q_sisma	GLOBAL	0.568	0.	0.
345	Q_sisma	GLOBAL	0.568	0.	0.
346	Q_sisma	GLOBAL	0.568	0.	0.
359	Q_sisma	GLOBAL	0.568	0.	0.
360	Q_sisma	GLOBAL	0.568	0.	0.
361	Q_sisma	GLOBAL	0.568	0.	0.
362	Q_sisma	GLOBAL	0.568	0.	0.
363	Q_sisma	GLOBAL	0.568	0.	0.
376	Q_sisma	GLOBAL	0.568	0.	0.
377	Q_sisma	GLOBAL	0.568	0.	0.
378	Q_sisma	GLOBAL	0.568	0.	0.
379	Q_sisma	GLOBAL	0.568	0.	0.
380	Q_sisma	GLOBAL	0.568	0.	0.
393	Q_sisma	GLOBAL	0.568	0.	0.
394	Q_sisma	GLOBAL	0.568	0.	0.
395	Q_sisma	GLOBAL	0.568	0.	0.
396	Q_sisma	GLOBAL	0.568	0.	0.
397	Q_sisma	GLOBAL	0.568	0.	0.
410	Q_sisma	GLOBAL	0.568	0.	0.
411	Q_sisma	GLOBAL	0.568	0.	0.
412	Q_sisma	GLOBAL	0.568	0.	0.
413	Q_sisma	GLOBAL	0.568	0.	0.
414	Q_sisma	GLOBAL	0.568	0.	0.
427	Q_sisma	GLOBAL	0.568	0.	0.
428	Q_sisma	GLOBAL	0.568	0.	0.
429	Q_sisma	GLOBAL	0.568	0.	0.
430	Q_sisma	GLOBAL	0.568	0.	0.
431	Q_sisma	GLOBAL	0.568	0.	0.
444	Q_sisma	GLOBAL	0.568	0.	0.
445	Q_sisma	GLOBAL	0.568	0.	0.
446	Q_sisma	GLOBAL	0.568	0.	0.
447	Q_sisma	GLOBAL	0.568	0.	0.
448	Q_sisma	GLOBAL	0.568	0.	0.
461	Q_sisma	GLOBAL	0.568	0.	0.
462	Q_sisma	GLOBAL	0.568	0.	0.
463	Q_sisma	GLOBAL	0.568	0.	0.
464	Q_sisma	GLOBAL	0.568	0.	0.
465	Q_sisma	GLOBAL	0.568	0.	0.
478	Q_sisma	GLOBAL	0.568	0.	0.
479	Q_sisma	GLOBAL	0.568	0.	0.
480	Q_sisma	GLOBAL	0.568	0.	0.
481	Q_sisma	GLOBAL	0.568	0.	0.
482	Q_sisma	GLOBAL	0.568	0.	0.
495	Q_sisma	GLOBAL	0.568	0.	0.
496	Q_sisma	GLOBAL	0.568	0.	0.
497	Q_sisma	GLOBAL	0.568	0.	0.
498	Q_sisma	GLOBAL	0.568	0.	0.
499	Q_sisma	GLOBAL	0.568	0.	0.
512	Q_sisma	GLOBAL	0.568	0.	0.
513	Q_sisma	GLOBAL	0.568	0.	0.
514	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Frame Loads - Gravity**

Frame	LoadPat	CoordSys	MultiplierX	MultiplierY	MultiplierZ
515	Q_sisma	GLOBAL	0.568	0.	0.
516	Q_sisma	GLOBAL	0.568	0.	0.
529	Q_sisma	GLOBAL	0.568	0.	0.
530	Q_sisma	GLOBAL	0.568	0.	0.
531	Q_sisma	GLOBAL	0.568	0.	0.
546	Q_sisma	GLOBAL	0.568	0.	0.
547	Q_sisma	GLOBAL	0.568	0.	0.
548	Q_sisma	GLOBAL	0.568	0.	0.
563	Q_sisma	GLOBAL	0.568	0.	0.
564	Q_sisma	GLOBAL	0.568	0.	0.
565	Q_sisma	GLOBAL	0.568	0.	0.
580	Q_sisma	GLOBAL	0.568	0.	0.
581	Q_sisma	GLOBAL	0.568	0.	0.
582	Q_sisma	GLOBAL	0.568	0.	0.
595	Q_sisma	GLOBAL	0.568	0.	0.
596	Q_sisma	GLOBAL	0.568	0.	0.
597	Q_sisma	GLOBAL	0.568	0.	0.
610	Q_sisma	GLOBAL	0.568	0.	0.
611	Q_sisma	GLOBAL	0.568	0.	0.
612	Q_sisma	GLOBAL	0.568	0.	0.
625	Q_sisma	GLOBAL	0.568	0.	0.
626	Q_sisma	GLOBAL	0.568	0.	0.
627	Q_sisma	GLOBAL	0.568	0.	0.
640	Q_sisma	GLOBAL	0.568	0.	0.
641	Q_sisma	GLOBAL	0.568	0.	0.
642	Q_sisma	GLOBAL	0.568	0.	0.
655	Q_sisma	GLOBAL	0.568	0.	0.
656	Q_sisma	GLOBAL	0.568	0.	0.
657	Q_sisma	GLOBAL	0.568	0.	0.
670	Q_sisma	GLOBAL	0.568	0.	0.
671	Q_sisma	GLOBAL	0.568	0.	0.
672	Q_sisma	GLOBAL	0.568	0.	0.
685	Q_sisma	GLOBAL	0.568	0.	0.
686	Q_sisma	GLOBAL	0.568	0.	0.
687	Q_sisma	GLOBAL	0.568	0.	0.
700	Q_sisma	GLOBAL	0.568	0.	0.
701	Q_sisma	GLOBAL	0.568	0.	0.
702	Q_sisma	GLOBAL	0.568	0.	0.

**Table: Frame Output Station Assignments**

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpchg	AddAtElmIn t	AddAtPtLoa d
			m		
1	MinNumSta	3		Yes	Yes
11	MinNumSta	3		Yes	Yes
12	MinNumSta	3		Yes	Yes
13	MinNumSta	3		Yes	Yes
14	MinNumSta	3		Yes	Yes
15	MinNumSta	3		Yes	Yes
16	MinNumSta	3		Yes	Yes
17	MinNumSta	3		Yes	Yes
18	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
19	MinNumSta	3		Yes	Yes
20	MinNumSta	3		Yes	Yes
21	MinNumSta	3		Yes	Yes
22	MinNumSta	3		Yes	Yes
23	MinNumSta	3		Yes	Yes
24	MinNumSta	3		Yes	Yes
25	MinNumSta	3		Yes	Yes
26	MinNumSta	3		Yes	Yes
27	MinNumSta	3		Yes	Yes
30	MinNumSta	3		Yes	Yes
40	MinNumSta	3		Yes	Yes
41	MinNumSta	3		Yes	Yes
42	MinNumSta	3		Yes	Yes
43	MinNumSta	3		Yes	Yes
44	MinNumSta	3		Yes	Yes
45	MinNumSta	3		Yes	Yes
46	MinNumSta	3		Yes	Yes
47	MinNumSta	3		Yes	Yes
48	MinNumSta	3		Yes	Yes
49	MinNumSta	3		Yes	Yes
50	MinNumSta	3		Yes	Yes
51	MinNumSta	3		Yes	Yes
52	MinNumSta	3		Yes	Yes
53	MinNumSta	3		Yes	Yes
54	MinNumSta	3		Yes	Yes
55	MinNumSta	3		Yes	Yes
63	MinNumSta	3		Yes	Yes
64	MinNumSta	3		Yes	Yes
65	MinNumSta	3		Yes	Yes
66	MinNumSta	3		Yes	Yes
67	MinNumSta	3		Yes	Yes
68	MinNumSta	3		Yes	Yes
69	MinNumSta	3		Yes	Yes
70	MinNumSta	3		Yes	Yes
71	MinNumSta	3		Yes	Yes
72	MinNumSta	3		Yes	Yes
73	MinNumSta	3		Yes	Yes
74	MinNumSta	3		Yes	Yes
75	MinNumSta	3		Yes	Yes
76	MinNumSta	3		Yes	Yes
77	MinNumSta	3		Yes	Yes
78	MinNumSta	3		Yes	Yes
79	MinNumSta	3		Yes	Yes
89	MinNumSta	3		Yes	Yes
90	MinNumSta	3		Yes	Yes
91	MinNumSta	3		Yes	Yes
92	MinNumSta	3		Yes	Yes
93	MinNumSta	3		Yes	Yes
94	MinNumSta	3		Yes	Yes
95	MinNumSta	3		Yes	Yes
96	MinNumSta	3		Yes	Yes
97	MinNumSta	3		Yes	Yes
98	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
99	MinNumSta	3		Yes	Yes
100	MinNumSta	3		Yes	Yes
101	MinNumSta	3		Yes	Yes
102	MinNumSta	3		Yes	Yes
103	MinNumSta	3		Yes	Yes
104	MinNumSta	3		Yes	Yes
105	MinNumSta	3		Yes	Yes
115	MinNumSta	3		Yes	Yes
116	MinNumSta	3		Yes	Yes
117	MinNumSta	3		Yes	Yes
118	MinNumSta	3		Yes	Yes
119	MinNumSta	3		Yes	Yes
120	MinNumSta	3		Yes	Yes
121	MinNumSta	3		Yes	Yes
122	MinNumSta	3		Yes	Yes
123	MinNumSta	3		Yes	Yes
124	MinNumSta	3		Yes	Yes
125	MinNumSta	3		Yes	Yes
126	MinNumSta	3		Yes	Yes
127	MinNumSta	3		Yes	Yes
128	MinNumSta	3		Yes	Yes
129	MinNumSta	3		Yes	Yes
130	MinNumSta	3		Yes	Yes
131	MinNumSta	3		Yes	Yes
141	MinNumSta	3		Yes	Yes
142	MinNumSta	3		Yes	Yes
143	MinNumSta	3		Yes	Yes
144	MinNumSta	3		Yes	Yes
145	MinNumSta	3		Yes	Yes
146	MinNumSta	3		Yes	Yes
147	MinNumSta	3		Yes	Yes
148	MinNumSta	3		Yes	Yes
149	MinNumSta	3		Yes	Yes
150	MinNumSta	3		Yes	Yes
151	MinNumSta	3		Yes	Yes
152	MinNumSta	3		Yes	Yes
153	MinNumSta	3		Yes	Yes
154	MinNumSta	3		Yes	Yes
155	MinNumSta	3		Yes	Yes
156	MinNumSta	3		Yes	Yes
157	MinNumSta	3		Yes	Yes
167	MinNumSta	3		Yes	Yes
168	MinNumSta	3		Yes	Yes
169	MinNumSta	3		Yes	Yes
170	MinNumSta	3		Yes	Yes
171	MinNumSta	3		Yes	Yes
172	MinNumSta	3		Yes	Yes
173	MinNumSta	3		Yes	Yes
174	MinNumSta	3		Yes	Yes
175	MinNumSta	3		Yes	Yes
176	MinNumSta	3		Yes	Yes
177	MinNumSta	3		Yes	Yes
178	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
179	MinNumSta	3		Yes	Yes
180	MinNumSta	3		Yes	Yes
181	MinNumSta	3		Yes	Yes
182	MinNumSta	3		Yes	Yes
183	MinNumSta	3		Yes	Yes
193	MinNumSta	3		Yes	Yes
194	MinNumSta	3		Yes	Yes
195	MinNumSta	3		Yes	Yes
196	MinNumSta	3		Yes	Yes
197	MinNumSta	3		Yes	Yes
198	MinNumSta	3		Yes	Yes
199	MinNumSta	3		Yes	Yes
200	MinNumSta	3		Yes	Yes
201	MinNumSta	3		Yes	Yes
202	MinNumSta	3		Yes	Yes
203	MinNumSta	3		Yes	Yes
204	MinNumSta	3		Yes	Yes
205	MinNumSta	3		Yes	Yes
206	MinNumSta	3		Yes	Yes
207	MinNumSta	3		Yes	Yes
208	MinNumSta	3		Yes	Yes
209	MinNumSta	3		Yes	Yes
219	MinNumSta	3		Yes	Yes
220	MinNumSta	3		Yes	Yes
221	MinNumSta	3		Yes	Yes
222	MinNumSta	3		Yes	Yes
223	MinNumSta	3		Yes	Yes
224	MinNumSta	3		Yes	Yes
225	MinNumSta	3		Yes	Yes
226	MinNumSta	3		Yes	Yes
227	MinNumSta	3		Yes	Yes
228	MinNumSta	3		Yes	Yes
229	MinNumSta	3		Yes	Yes
230	MinNumSta	3		Yes	Yes
231	MinNumSta	3		Yes	Yes
232	MinNumSta	3		Yes	Yes
233	MinNumSta	3		Yes	Yes
234	MinNumSta	3		Yes	Yes
235	MinNumSta	3		Yes	Yes
245	MinNumSta	3		Yes	Yes
246	MinNumSta	3		Yes	Yes
247	MinNumSta	3		Yes	Yes
248	MinNumSta	3		Yes	Yes
249	MinNumSta	3		Yes	Yes
250	MinNumSta	3		Yes	Yes
251	MinNumSta	3		Yes	Yes
252	MinNumSta	3		Yes	Yes
253	MinNumSta	3		Yes	Yes
254	MinNumSta	3		Yes	Yes
255	MinNumSta	3		Yes	Yes
256	MinNumSta	3		Yes	Yes
257	MinNumSta	3		Yes	Yes
258	MinNumSta	3		Yes	Yes



**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
259	MinNumSta	3		Yes	Yes
260	MinNumSta	3		Yes	Yes
261	MinNumSta	3		Yes	Yes
271	MinNumSta	3		Yes	Yes
272	MinNumSta	3		Yes	Yes
273	MinNumSta	3		Yes	Yes
274	MinNumSta	3		Yes	Yes
275	MinNumSta	3		Yes	Yes
276	MinNumSta	3		Yes	Yes
277	MinNumSta	3		Yes	Yes
278	MinNumSta	3		Yes	Yes
279	MinNumSta	3		Yes	Yes
280	MinNumSta	3		Yes	Yes
281	MinNumSta	3		Yes	Yes
282	MinNumSta	3		Yes	Yes
283	MinNumSta	3		Yes	Yes
284	MinNumSta	3		Yes	Yes
285	MinNumSta	3		Yes	Yes
286	MinNumSta	3		Yes	Yes
287	MinNumSta	3		Yes	Yes
297	MinNumSta	3		Yes	Yes
298	MinNumSta	3		Yes	Yes
299	MinNumSta	3		Yes	Yes
300	MinNumSta	3		Yes	Yes
301	MinNumSta	3		Yes	Yes
302	MinNumSta	3		Yes	Yes
303	MinNumSta	3		Yes	Yes
304	MinNumSta	3		Yes	Yes
305	MinNumSta	3		Yes	Yes
306	MinNumSta	3		Yes	Yes
307	MinNumSta	3		Yes	Yes
308	MinNumSta	3		Yes	Yes
309	MinNumSta	3		Yes	Yes
310	MinNumSta	3		Yes	Yes
311	MinNumSta	3		Yes	Yes
312	MinNumSta	3		Yes	Yes
313	MinNumSta	3		Yes	Yes
314	MinNumSta	3		Yes	Yes
315	MinNumSta	3		Yes	Yes
316	MinNumSta	3		Yes	Yes
317	MinNumSta	3		Yes	Yes
318	MinNumSta	3		Yes	Yes
319	MinNumSta	3		Yes	Yes
320	MinNumSta	3		Yes	Yes
321	MinNumSta	3		Yes	Yes
322	MinNumSta	3		Yes	Yes
323	MinNumSta	3		Yes	Yes
324	MinNumSta	3		Yes	Yes
325	MinNumSta	3		Yes	Yes
326	MinNumSta	3		Yes	Yes
327	MinNumSta	3		Yes	Yes
328	MinNumSta	3		Yes	Yes
329	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
330	MinNumSta	3		Yes	Yes
331	MinNumSta	3		Yes	Yes
332	MinNumSta	3		Yes	Yes
333	MinNumSta	3		Yes	Yes
334	MinNumSta	3		Yes	Yes
335	MinNumSta	3		Yes	Yes
336	MinNumSta	3		Yes	Yes
337	MinNumSta	3		Yes	Yes
338	MinNumSta	3		Yes	Yes
339	MinNumSta	3		Yes	Yes
340	MinNumSta	3		Yes	Yes
341	MinNumSta	3		Yes	Yes
342	MinNumSta	3		Yes	Yes
343	MinNumSta	3		Yes	Yes
344	MinNumSta	3		Yes	Yes
345	MinNumSta	3		Yes	Yes
346	MinNumSta	3		Yes	Yes
347	MinNumSta	3		Yes	Yes
348	MinNumSta	3		Yes	Yes
349	MinNumSta	3		Yes	Yes
350	MinNumSta	3		Yes	Yes
351	MinNumSta	3		Yes	Yes
352	MinNumSta	3		Yes	Yes
353	MinNumSta	3		Yes	Yes
354	MinNumSta	3		Yes	Yes
355	MinNumSta	3		Yes	Yes
356	MinNumSta	3		Yes	Yes
357	MinNumSta	3		Yes	Yes
358	MinNumSta	3		Yes	Yes
359	MinNumSta	3		Yes	Yes
360	MinNumSta	3		Yes	Yes
361	MinNumSta	3		Yes	Yes
362	MinNumSta	3		Yes	Yes
363	MinNumSta	3		Yes	Yes
364	MinNumSta	3		Yes	Yes
365	MinNumSta	3		Yes	Yes
366	MinNumSta	3		Yes	Yes
367	MinNumSta	3		Yes	Yes
368	MinNumSta	3		Yes	Yes
369	MinNumSta	3		Yes	Yes
370	MinNumSta	3		Yes	Yes
371	MinNumSta	3		Yes	Yes
372	MinNumSta	3		Yes	Yes
373	MinNumSta	3		Yes	Yes
374	MinNumSta	3		Yes	Yes
375	MinNumSta	3		Yes	Yes
376	MinNumSta	3		Yes	Yes
377	MinNumSta	3		Yes	Yes
378	MinNumSta	3		Yes	Yes
379	MinNumSta	3		Yes	Yes
380	MinNumSta	3		Yes	Yes
381	MinNumSta	3		Yes	Yes
382	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
383	MinNumSta	3		Yes	Yes
384	MinNumSta	3		Yes	Yes
385	MinNumSta	3		Yes	Yes
386	MinNumSta	3		Yes	Yes
387	MinNumSta	3		Yes	Yes
388	MinNumSta	3		Yes	Yes
389	MinNumSta	3		Yes	Yes
390	MinNumSta	3		Yes	Yes
391	MinNumSta	3		Yes	Yes
392	MinNumSta	3		Yes	Yes
393	MinNumSta	3		Yes	Yes
394	MinNumSta	3		Yes	Yes
395	MinNumSta	3		Yes	Yes
396	MinNumSta	3		Yes	Yes
397	MinNumSta	3		Yes	Yes
398	MinNumSta	3		Yes	Yes
399	MinNumSta	3		Yes	Yes
400	MinNumSta	3		Yes	Yes
401	MinNumSta	3		Yes	Yes
402	MinNumSta	3		Yes	Yes
403	MinNumSta	3		Yes	Yes
404	MinNumSta	3		Yes	Yes
405	MinNumSta	3		Yes	Yes
406	MinNumSta	3		Yes	Yes
407	MinNumSta	3		Yes	Yes
408	MinNumSta	3		Yes	Yes
409	MinNumSta	3		Yes	Yes
410	MinNumSta	3		Yes	Yes
411	MinNumSta	3		Yes	Yes
412	MinNumSta	3		Yes	Yes
413	MinNumSta	3		Yes	Yes
414	MinNumSta	3		Yes	Yes
415	MinNumSta	3		Yes	Yes
416	MinNumSta	3		Yes	Yes
417	MinNumSta	3		Yes	Yes
418	MinNumSta	3		Yes	Yes
419	MinNumSta	3		Yes	Yes
420	MinNumSta	3		Yes	Yes
421	MinNumSta	3		Yes	Yes
422	MinNumSta	3		Yes	Yes
423	MinNumSta	3		Yes	Yes
424	MinNumSta	3		Yes	Yes
425	MinNumSta	3		Yes	Yes
426	MinNumSta	3		Yes	Yes
427	MinNumSta	3		Yes	Yes
428	MinNumSta	3		Yes	Yes
429	MinNumSta	3		Yes	Yes
430	MinNumSta	3		Yes	Yes
431	MinNumSta	3		Yes	Yes
432	MinNumSta	3		Yes	Yes
433	MinNumSta	3		Yes	Yes
434	MinNumSta	3		Yes	Yes
435	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
436	MinNumSta	3		Yes	Yes
437	MinNumSta	3		Yes	Yes
438	MinNumSta	3		Yes	Yes
439	MinNumSta	3		Yes	Yes
440	MinNumSta	3		Yes	Yes
441	MinNumSta	3		Yes	Yes
442	MinNumSta	3		Yes	Yes
443	MinNumSta	3		Yes	Yes
444	MinNumSta	3		Yes	Yes
445	MinNumSta	3		Yes	Yes
446	MinNumSta	3		Yes	Yes
447	MinNumSta	3		Yes	Yes
448	MinNumSta	3		Yes	Yes
449	MinNumSta	3		Yes	Yes
450	MinNumSta	3		Yes	Yes
451	MinNumSta	3		Yes	Yes
452	MinNumSta	3		Yes	Yes
453	MinNumSta	3		Yes	Yes
454	MinNumSta	3		Yes	Yes
455	MinNumSta	3		Yes	Yes
456	MinNumSta	3		Yes	Yes
457	MinNumSta	3		Yes	Yes
458	MinNumSta	3		Yes	Yes
459	MinNumSta	3		Yes	Yes
460	MinNumSta	3		Yes	Yes
461	MinNumSta	3		Yes	Yes
462	MinNumSta	3		Yes	Yes
463	MinNumSta	3		Yes	Yes
464	MinNumSta	3		Yes	Yes
465	MinNumSta	3		Yes	Yes
466	MinNumSta	3		Yes	Yes
467	MinNumSta	3		Yes	Yes
468	MinNumSta	3		Yes	Yes
469	MinNumSta	3		Yes	Yes
470	MinNumSta	3		Yes	Yes
471	MinNumSta	3		Yes	Yes
472	MinNumSta	3		Yes	Yes
473	MinNumSta	3		Yes	Yes
474	MinNumSta	3		Yes	Yes
475	MinNumSta	3		Yes	Yes
476	MinNumSta	3		Yes	Yes
477	MinNumSta	3		Yes	Yes
478	MinNumSta	3		Yes	Yes
479	MinNumSta	3		Yes	Yes
480	MinNumSta	3		Yes	Yes
481	MinNumSta	3		Yes	Yes
482	MinNumSta	3		Yes	Yes
483	MinNumSta	3		Yes	Yes
484	MinNumSta	3		Yes	Yes
485	MinNumSta	3		Yes	Yes
486	MinNumSta	3		Yes	Yes
487	MinNumSta	3		Yes	Yes
488	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
489	MinNumSta	3		Yes	Yes
490	MinNumSta	3		Yes	Yes
491	MinNumSta	3		Yes	Yes
492	MinNumSta	3		Yes	Yes
493	MinNumSta	3		Yes	Yes
494	MinNumSta	3		Yes	Yes
495	MinNumSta	3		Yes	Yes
496	MinNumSta	3		Yes	Yes
497	MinNumSta	3		Yes	Yes
498	MinNumSta	3		Yes	Yes
499	MinNumSta	3		Yes	Yes
500	MinNumSta	3		Yes	Yes
501	MinNumSta	3		Yes	Yes
502	MinNumSta	3		Yes	Yes
503	MinNumSta	3		Yes	Yes
504	MinNumSta	3		Yes	Yes
505	MinNumSta	3		Yes	Yes
506	MinNumSta	3		Yes	Yes
507	MinNumSta	3		Yes	Yes
508	MinNumSta	3		Yes	Yes
509	MinNumSta	3		Yes	Yes
510	MinNumSta	3		Yes	Yes
511	MinNumSta	3		Yes	Yes
512	MinNumSta	3		Yes	Yes
513	MinNumSta	3		Yes	Yes
514	MinNumSta	3		Yes	Yes
515	MinNumSta	3		Yes	Yes
516	MinNumSta	3		Yes	Yes
517	MinNumSta	3		Yes	Yes
522	MinNumSta	3		Yes	Yes
523	MinNumSta	3		Yes	Yes
524	MinNumSta	3		Yes	Yes
525	MinNumSta	3		Yes	Yes
526	MinNumSta	3		Yes	Yes
527	MinNumSta	3		Yes	Yes
528	MinNumSta	3		Yes	Yes
529	MinNumSta	3		Yes	Yes
530	MinNumSta	3		Yes	Yes
531	MinNumSta	3		Yes	Yes
534	MinNumSta	3		Yes	Yes
539	MinNumSta	3		Yes	Yes
540	MinNumSta	3		Yes	Yes
541	MinNumSta	3		Yes	Yes
542	MinNumSta	3		Yes	Yes
543	MinNumSta	3		Yes	Yes
544	MinNumSta	3		Yes	Yes
545	MinNumSta	3		Yes	Yes
546	MinNumSta	3		Yes	Yes
547	MinNumSta	3		Yes	Yes
548	MinNumSta	3		Yes	Yes
551	MinNumSta	3		Yes	Yes
556	MinNumSta	3		Yes	Yes
557	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
558	MinNumSta	3		Yes	Yes
559	MinNumSta	3		Yes	Yes
560	MinNumSta	3		Yes	Yes
561	MinNumSta	3		Yes	Yes
562	MinNumSta	3		Yes	Yes
563	MinNumSta	3		Yes	Yes
564	MinNumSta	3		Yes	Yes
565	MinNumSta	3		Yes	Yes
568	MinNumSta	3		Yes	Yes
573	MinNumSta	3		Yes	Yes
574	MinNumSta	3		Yes	Yes
575	MinNumSta	3		Yes	Yes
576	MinNumSta	3		Yes	Yes
577	MinNumSta	3		Yes	Yes
578	MinNumSta	3		Yes	Yes
579	MinNumSta	3		Yes	Yes
580	MinNumSta	3		Yes	Yes
581	MinNumSta	3		Yes	Yes
582	MinNumSta	3		Yes	Yes
583	MinNumSta	3		Yes	Yes
588	MinNumSta	3		Yes	Yes
589	MinNumSta	3		Yes	Yes
590	MinNumSta	3		Yes	Yes
591	MinNumSta	3		Yes	Yes
592	MinNumSta	3		Yes	Yes
593	MinNumSta	3		Yes	Yes
594	MinNumSta	3		Yes	Yes
595	MinNumSta	3		Yes	Yes
596	MinNumSta	3		Yes	Yes
597	MinNumSta	3		Yes	Yes
598	MinNumSta	3		Yes	Yes
603	MinNumSta	3		Yes	Yes
604	MinNumSta	3		Yes	Yes
605	MinNumSta	3		Yes	Yes
606	MinNumSta	3		Yes	Yes
607	MinNumSta	3		Yes	Yes
608	MinNumSta	3		Yes	Yes
609	MinNumSta	3		Yes	Yes
610	MinNumSta	3		Yes	Yes
611	MinNumSta	3		Yes	Yes
612	MinNumSta	3		Yes	Yes
613	MinNumSta	3		Yes	Yes
618	MinNumSta	3		Yes	Yes
619	MinNumSta	3		Yes	Yes
620	MinNumSta	3		Yes	Yes
621	MinNumSta	3		Yes	Yes
622	MinNumSta	3		Yes	Yes
623	MinNumSta	3		Yes	Yes
624	MinNumSta	3		Yes	Yes
625	MinNumSta	3		Yes	Yes
626	MinNumSta	3		Yes	Yes
627	MinNumSta	3		Yes	Yes
628	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
			m		
633	MinNumSta	3		Yes	Yes
634	MinNumSta	3		Yes	Yes
635	MinNumSta	3		Yes	Yes
636	MinNumSta	3		Yes	Yes
637	MinNumSta	3		Yes	Yes
638	MinNumSta	3		Yes	Yes
639	MinNumSta	3		Yes	Yes
640	MinNumSta	3		Yes	Yes
641	MinNumSta	3		Yes	Yes
642	MinNumSta	3		Yes	Yes
643	MinNumSta	3		Yes	Yes
648	MinNumSta	3		Yes	Yes
649	MinNumSta	3		Yes	Yes
650	MinNumSta	3		Yes	Yes
651	MinNumSta	3		Yes	Yes
652	MinNumSta	3		Yes	Yes
653	MinNumSta	3		Yes	Yes
654	MinNumSta	3		Yes	Yes
655	MinNumSta	3		Yes	Yes
656	MinNumSta	3		Yes	Yes
657	MinNumSta	3		Yes	Yes
658	MinNumSta	3		Yes	Yes
663	MinNumSta	3		Yes	Yes
664	MinNumSta	3		Yes	Yes
665	MinNumSta	3		Yes	Yes
666	MinNumSta	3		Yes	Yes
667	MinNumSta	3		Yes	Yes
668	MinNumSta	3		Yes	Yes
669	MinNumSta	3		Yes	Yes
670	MinNumSta	3		Yes	Yes
671	MinNumSta	3		Yes	Yes
672	MinNumSta	3		Yes	Yes
673	MinNumSta	3		Yes	Yes
678	MinNumSta	3		Yes	Yes
679	MinNumSta	3		Yes	Yes
680	MinNumSta	3		Yes	Yes
681	MinNumSta	3		Yes	Yes
682	MinNumSta	3		Yes	Yes
683	MinNumSta	3		Yes	Yes
684	MinNumSta	3		Yes	Yes
685	MinNumSta	3		Yes	Yes
686	MinNumSta	3		Yes	Yes
687	MinNumSta	3		Yes	Yes
688	MinNumSta	3		Yes	Yes
693	MinNumSta	3		Yes	Yes
694	MinNumSta	3		Yes	Yes
695	MinNumSta	3		Yes	Yes
696	MinNumSta	3		Yes	Yes
697	MinNumSta	3		Yes	Yes
698	MinNumSta	3		Yes	Yes
699	MinNumSta	3		Yes	Yes
700	MinNumSta	3		Yes	Yes
701	MinNumSta	3		Yes	Yes

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg	AddAtElmIn t	AddAtPtLoa d
702	MinNumSta	3	m	Yes	Yes

**Table: Frame Section Assignments**

**Table: Frame Section Assignments**

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
11	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
12	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
13	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
14	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
15	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
16	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
17	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
18	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
19	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
20	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
21	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
22	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
23	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
24	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
25	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
26	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
27	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
30	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
40	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
41	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
42	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
43	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
44	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
45	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
46	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
47	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
48	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
49	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
50	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
51	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
52	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
53	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
54	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
55	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
63	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
64	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
65	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
66	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
67	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
68	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
69	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
70	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
71	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
72	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
73	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default



Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
74	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
75	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
76	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
77	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
78	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
79	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
89	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
90	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
91	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
92	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
93	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
94	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
95	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
96	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
97	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
98	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
99	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
100	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
101	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
102	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
103	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
104	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
105	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
115	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
116	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
117	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
118	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
119	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
120	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
121	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
122	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
123	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
124	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
125	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
126	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
127	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
128	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
129	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
130	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
131	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
141	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
142	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
143	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
144	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
145	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
146	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
147	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
148	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
149	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
150	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
151	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
152	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
153	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
154	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
155	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
156	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
157	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
167	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
168	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
169	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
170	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
171	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
172	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
173	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
174	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
175	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
176	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
177	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
178	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
179	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
180	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
181	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
182	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
183	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
193	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
194	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
195	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
196	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
197	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
198	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
199	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
200	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
201	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
202	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
203	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
204	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
205	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
206	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
207	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
208	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
209	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
219	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
220	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
221	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
222	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
223	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
224	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
225	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
226	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
227	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
228	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
229	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
230	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
231	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
232	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
233	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
234	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
235	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
245	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
246	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
247	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
248	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
249	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
250	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
251	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
252	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
253	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
254	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
255	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
256	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
257	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
258	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
259	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
260	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
261	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
271	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
272	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
273	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
274	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
275	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
276	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
277	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
278	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
279	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
280	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
281	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
282	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
283	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
284	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
285	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
286	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
287	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
297	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
298	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
299	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
300	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
301	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
302	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
303	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
304	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
305	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
306	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
307	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
308	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
309	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
310	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
311	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
312	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
313	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
314	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
315	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
316	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
317	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
318	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
319	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
320	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
321	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
322	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
323	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
324	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
325	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
326	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
327	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
328	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
329	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
330	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
331	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
332	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
333	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
334	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
335	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
336	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
337	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
338	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
339	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
340	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
341	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
342	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
343	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
344	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
345	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
346	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
347	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
348	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
349	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
350	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
351	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
352	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
353	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
354	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
355	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
356	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
357	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
358	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
359	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
360	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
361	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
362	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
363	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
364	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
365	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
366	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
367	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
368	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
369	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
370	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
371	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
372	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
373	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
374	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
375	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
376	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
377	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
378	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
379	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
380	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
381	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
382	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
383	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
384	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
385	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
386	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
387	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
388	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
389	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
390	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
391	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
392	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
393	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
394	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
395	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
396	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
397	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
398	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
399	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
400	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
401	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
402	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
403	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
404	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
405	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
406	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
407	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
408	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
409	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
410	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
411	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
412	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
413	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
414	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
415	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
416	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
417	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
418	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
419	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
420	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
421	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
422	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
423	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
424	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
425	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
426	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
427	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
428	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
429	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
430	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
431	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
432	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
433	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
434	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
435	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
436	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
437	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
438	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
439	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
440	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
441	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
442	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
443	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
444	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
445	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
446	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
447	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
448	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
449	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
450	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
451	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
452	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
453	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
454	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
455	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
456	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
457	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
458	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
459	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
460	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
461	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
462	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
463	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
464	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
465	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
466	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
467	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
468	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
469	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
470	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
471	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
472	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
473	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
474	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
475	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
476	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
477	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
478	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
479	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
480	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
481	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
482	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
483	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
484	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
485	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
486	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
487	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
488	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
489	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
490	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
491	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
492	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
493	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
494	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
495	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
496	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
497	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
498	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
499	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
500	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
501	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
502	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
503	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
504	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
505	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
506	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
507	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
508	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
509	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
510	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
511	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
512	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
513	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
514	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
515	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
516	Circle	N.A.	Palo_D=1.0m	Palo_D=1.0m	Default
517	Circle	N.A.	Palo800	Palo800	Default
522	Circle	N.A.	Palo800	Palo800	Default
523	Circle	N.A.	Palo800	Palo800	Default
524	Circle	N.A.	Palo800	Palo800	Default
525	Circle	N.A.	Palo800	Palo800	Default
526	Circle	N.A.	Palo800	Palo800	Default
527	Circle	N.A.	Palo800	Palo800	Default
528	Circle	N.A.	Palo800	Palo800	Default
529	Circle	N.A.	Palo800	Palo800	Default
530	Circle	N.A.	Palo800	Palo800	Default
531	Circle	N.A.	Palo800	Palo800	Default
534	Circle	N.A.	Palo800	Palo800	Default
539	Circle	N.A.	Palo800	Palo800	Default
540	Circle	N.A.	Palo800	Palo800	Default
541	Circle	N.A.	Palo800	Palo800	Default
542	Circle	N.A.	Palo800	Palo800	Default

Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
543	Circle	N.A.	Palo800	Palo800	Default
544	Circle	N.A.	Palo800	Palo800	Default
545	Circle	N.A.	Palo800	Palo800	Default
546	Circle	N.A.	Palo800	Palo800	Default
547	Circle	N.A.	Palo800	Palo800	Default
548	Circle	N.A.	Palo800	Palo800	Default
551	Circle	N.A.	Palo800	Palo800	Default
556	Circle	N.A.	Palo800	Palo800	Default
557	Circle	N.A.	Palo800	Palo800	Default
558	Circle	N.A.	Palo800	Palo800	Default
559	Circle	N.A.	Palo800	Palo800	Default
560	Circle	N.A.	Palo800	Palo800	Default
561	Circle	N.A.	Palo800	Palo800	Default
562	Circle	N.A.	Palo800	Palo800	Default
563	Circle	N.A.	Palo800	Palo800	Default
564	Circle	N.A.	Palo800	Palo800	Default
565	Circle	N.A.	Palo800	Palo800	Default
568	Circle	N.A.	Palo800	Palo800	Default
573	Circle	N.A.	Palo800	Palo800	Default
574	Circle	N.A.	Palo800	Palo800	Default
575	Circle	N.A.	Palo800	Palo800	Default
576	Circle	N.A.	Palo800	Palo800	Default
577	Circle	N.A.	Palo800	Palo800	Default
578	Circle	N.A.	Palo800	Palo800	Default
579	Circle	N.A.	Palo800	Palo800	Default
580	Circle	N.A.	Palo800	Palo800	Default
581	Circle	N.A.	Palo800	Palo800	Default
582	Circle	N.A.	Palo800	Palo800	Default
583	Circle	N.A.	Palo800	Palo800	Default
588	Circle	N.A.	Palo800	Palo800	Default
589	Circle	N.A.	Palo800	Palo800	Default
590	Circle	N.A.	Palo800	Palo800	Default
591	Circle	N.A.	Palo800	Palo800	Default
592	Circle	N.A.	Palo800	Palo800	Default
593	Circle	N.A.	Palo800	Palo800	Default
594	Circle	N.A.	Palo800	Palo800	Default
595	Circle	N.A.	Palo800	Palo800	Default
596	Circle	N.A.	Palo800	Palo800	Default
597	Circle	N.A.	Palo800	Palo800	Default
598	Circle	N.A.	Palo800	Palo800	Default
603	Circle	N.A.	Palo800	Palo800	Default
604	Circle	N.A.	Palo800	Palo800	Default
605	Circle	N.A.	Palo800	Palo800	Default
606	Circle	N.A.	Palo800	Palo800	Default
607	Circle	N.A.	Palo800	Palo800	Default
608	Circle	N.A.	Palo800	Palo800	Default
609	Circle	N.A.	Palo800	Palo800	Default
610	Circle	N.A.	Palo800	Palo800	Default
611	Circle	N.A.	Palo800	Palo800	Default
612	Circle	N.A.	Palo800	Palo800	Default
613	Circle	N.A.	Palo800	Palo800	Default
618	Circle	N.A.	Palo800	Palo800	Default
619	Circle	N.A.	Palo800	Palo800	Default
620	Circle	N.A.	Palo800	Palo800	Default



Table: Frame Section Assignments

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
621	Circle	N.A.	Palo800	Palo800	Default
622	Circle	N.A.	Palo800	Palo800	Default
623	Circle	N.A.	Palo800	Palo800	Default
624	Circle	N.A.	Palo800	Palo800	Default
625	Circle	N.A.	Palo800	Palo800	Default
626	Circle	N.A.	Palo800	Palo800	Default
627	Circle	N.A.	Palo800	Palo800	Default
628	Circle	N.A.	Palo800	Palo800	Default
633	Circle	N.A.	Palo800	Palo800	Default
634	Circle	N.A.	Palo800	Palo800	Default
635	Circle	N.A.	Palo800	Palo800	Default
636	Circle	N.A.	Palo800	Palo800	Default
637	Circle	N.A.	Palo800	Palo800	Default
638	Circle	N.A.	Palo800	Palo800	Default
639	Circle	N.A.	Palo800	Palo800	Default
640	Circle	N.A.	Palo800	Palo800	Default
641	Circle	N.A.	Palo800	Palo800	Default
642	Circle	N.A.	Palo800	Palo800	Default
643	Circle	N.A.	Palo800	Palo800	Default
648	Circle	N.A.	Palo800	Palo800	Default
649	Circle	N.A.	Palo800	Palo800	Default
650	Circle	N.A.	Palo800	Palo800	Default
651	Circle	N.A.	Palo800	Palo800	Default
652	Circle	N.A.	Palo800	Palo800	Default
653	Circle	N.A.	Palo800	Palo800	Default
654	Circle	N.A.	Palo800	Palo800	Default
655	Circle	N.A.	Palo800	Palo800	Default
656	Circle	N.A.	Palo800	Palo800	Default
657	Circle	N.A.	Palo800	Palo800	Default
658	Circle	N.A.	Palo800	Palo800	Default
663	Circle	N.A.	Palo800	Palo800	Default
664	Circle	N.A.	Palo800	Palo800	Default
665	Circle	N.A.	Palo800	Palo800	Default
666	Circle	N.A.	Palo800	Palo800	Default
667	Circle	N.A.	Palo800	Palo800	Default
668	Circle	N.A.	Palo800	Palo800	Default
669	Circle	N.A.	Palo800	Palo800	Default
670	Circle	N.A.	Palo800	Palo800	Default
671	Circle	N.A.	Palo800	Palo800	Default
672	Circle	N.A.	Palo800	Palo800	Default
673	Circle	N.A.	Palo800	Palo800	Default
678	Circle	N.A.	Palo800	Palo800	Default
679	Circle	N.A.	Palo800	Palo800	Default
680	Circle	N.A.	Palo800	Palo800	Default
681	Circle	N.A.	Palo800	Palo800	Default
682	Circle	N.A.	Palo800	Palo800	Default
683	Circle	N.A.	Palo800	Palo800	Default
684	Circle	N.A.	Palo800	Palo800	Default
685	Circle	N.A.	Palo800	Palo800	Default
686	Circle	N.A.	Palo800	Palo800	Default
687	Circle	N.A.	Palo800	Palo800	Default
688	Circle	N.A.	Palo800	Palo800	Default
693	Circle	N.A.	Palo800	Palo800	Default
694	Circle	N.A.	Palo800	Palo800	Default

**Table: Frame Section Assignments**

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
695	Circle	N.A.	Palo800	Palo800	Default
696	Circle	N.A.	Palo800	Palo800	Default
697	Circle	N.A.	Palo800	Palo800	Default
698	Circle	N.A.	Palo800	Palo800	Default
699	Circle	N.A.	Palo800	Palo800	Default
700	Circle	N.A.	Palo800	Palo800	Default
701	Circle	N.A.	Palo800	Palo800	Default
702	Circle	N.A.	Palo800	Palo800	Default

**Table: Frame Section Properties 01 - General, Part 1 of 6**

**Table: Frame Section Properties 01 - General, Part 1 of 6**

SectionName	Material	Shape	t3 m	t2 m	tf m	tw m
CollPali	C25/30_noMass	Rectangular	0.1	0.1		
Palo_D=1.0m	C25/30	Circle	1.			
Palo800	C25/30	Circle	0.8			
Pulv	C25/30	SD Section				
PulvNew	C25/30	SD Section				
Rett1.0x1.0	C25/30_noMass	Rectangular	1.	1.		
Rett1.0x1.2	C25/30_noMass	Rectangular	1.2	1.		
RIG	RIG	General	0.4572	0.254		
RIG_palo	C25/30_noMass	Circle	1.			
SolTV	C28/35_noMass	Rectangular	0.24	2.03		
Trasv	C28/35_noMass	Tee	1.04	1.76	0.24	0.4
TResist	C45/55_noMass	SD Section				
TRnew	C45/55_noMass	SD Section				

**Table: Frame Section Properties 01 - General, Part 2 of 6**

**Table: Frame Section Properties 01 - General, Part 2 of 6**

SectionName	Area m2	TorsConst m4	I33 m4	I22 m4	I23 m4	AS2 m2	AS3 m2
CollPali	0.01	0.000014	8.333E-06	8.333E-06	0.	0.008333	0.008333
Palo_D=1.0m	0.785398	0.098175	0.049087	0.049087	0.	0.706858	0.706858
Palo800	0.502655	0.040212	0.020106	0.020106	0.	0.452389	0.452389
Pulv	1.9	0.422142	0.157749	0.577917	0.	1.666575	1.59924
PulvNew	1.9	0.422142	0.157749	0.577917	0.	1.666575	1.59924
Rett1.0x1.0	1.	0.140833	0.083333	0.083333	0.	0.833333	0.833333
Rett1.0x1.2	1.2	0.198439	0.144	0.1	0.	1.	1.
RIG	1000.	1000.	1000.	1000.	0.	1000.	1000.
RIG_palo	0.785398	0.098175	0.049087	0.049087	0.	0.706858	0.706858
SolTV	0.4872	0.008658	0.002339	0.167309	0.	0.406	0.406
Trasv	0.7424	0.024096	0.068326	0.113302	0.	0.416	0.352
TResist	0.871338	0.218657	0.16286	0.196172	0.	0.41369	0.677654
TRnew	0.920505	0.217824	0.166665	0.249858	0.	0.410449	0.743041

**Table: Frame Section Properties 01 - General, Part 3 of 6**

Table: Frame Section Properties 01 - General, Part 3 of 6

SectionName	S33 m3	S22 m3	Z33 m3	Z22 m3	R33 m	R22 m	EccV2 m
CollPali	0.000167	0.000167	0.00025	0.00025	0.028868	0.028868	
Palo_D=1.0m	0.098175	0.098175	0.166667	0.166667	0.25	0.25	
Palo800	0.050265	0.050265	0.085333	0.085333	0.2	0.2	
Pulv	0.304802	0.550397	0.473687	0.905833	0.288142	0.551513	
PulvNew	0.304802	0.550397	0.473687	0.905833	0.288142	0.551513	
Rett1.0x1.0	0.166667	0.166667	0.25	0.25	0.288675	0.288675	
Rett1.0x1.2	0.24	0.2	0.36	0.3	0.34641	0.288675	
RIG	1.	1.	1.	1.	1.	1.	0.
RIG_palo	0.098175	0.098175	0.166667	0.166667	0.25	0.25	
SolTV	0.019488	0.164836	0.029232	0.247254	0.069282	0.586011	
Trasv	0.098188	0.128752	0.177199	0.217856	0.30337	0.390661	
TResist	0.204314	0.212078	0.314171	0.364582	0.432329	0.474488	
TRnew	0.202684	0.23796	0.322614	0.429925	0.42551	0.520995	

**Table: Frame Section Properties 01 - General, Part 4 of 6**

Table: Frame Section Properties 01 - General, Part 4 of 6

SectionName	ConcCol	ConcBeam	Color	TotalWt KN	TotalMass KN-s2/m	FromFile	AMod
CollPali	No	Yes	White	0.	0.	No	1.
Palo_D=1.0m	Yes	No	White	8011.061	816.9	No	1.
Palo800	Yes	No	Red	1658.761	169.15	No	1.
Pulv	No	No	White	0.	0.	No	1.
PulvNew	No	No	White	0.	0.	No	1.
Rett1.0x1.0	No	Yes	White	0.	0.	No	1.
Rett1.0x1.2	No	Yes	White	0.	0.	No	1.
RIG	No	No	Blue	0.	0.	No	1.
RIG_palo	Yes	No	White	0.	0.	No	1000.
SolTV	No	Yes	White	0.	0.	No	1.
Trasv	No	Yes	White	0.	0.	No	1.
TResist	No	No	White	0.	0.	No	1.
TRnew	No	No	Blue	0.	0.	No	1.

**Table: Frame Section Properties 01 - General, Part 5 of 6**

Table: Frame Section Properties 01 - General, Part 5 of 6

SectionName	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
CollPali	1.	1.	1.	1.	1.	1.	1.
Palo_D=1.0m	1.	1.	1.	1.	1.	1.	1.
Palo800	1.	1.	1.	1.	1.	1.	1.
Pulv	1.	1.	1.	1.	1.	1.	1.
PulvNew	1.	1.	1.	1.	1.	1.	1.
Rett1.0x1.0	1.	1.	1.	1.	1.	1.	1.
Rett1.0x1.2	1.	1.	1.	1.	1.	1.	1.
RIG	1.	1.	1.	1.	1.	1.	1.
RIG_palo	1000.	1000.	1000.	1000.	1000.	1000.	1000.
SolTV	1.	1.	0.5	1.	1.	1.	1.
Trasv	1.	1.	1.	1.	1.	1.	1.
TResist	1.	1.	1.	1.	1.	1.	1.
TRnew	1.	1.	1.	1.	1.	1.	1.

**Table: Frame Section Properties 01 - General, Part 6 of 6**

Table: Frame Section Properties 01 - General, Part 6 of 6

SectionName	GUID	Notes
CollPali		Added 10/10/2019 10:26:50
Palo_D=1.0m		Added 25/03/2019 16:03:50
Palo800		Added 04/03/2022 01:12:04
Pulv		Added 25/03/2019 16:12:36
PulvNew		Added 09/10/2019 12:29:15
Rett1.0x1.0		Added 09/10/2019 15:29:40
Rett1.0x1.2		Added 09/10/2019 14:23:01
RIG		Added 11/10/2019 15:24:44
RIG_palo		Added 10/10/2019 12:26:29
SolTV		Added 26/03/2019 15:53:51
Trasv		Added 09/10/2019 11:45:51
TResist		Added 09/10/2019 11:32:50
TRnew		Added 09/10/2019 11:28:48

**Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2**

Table: Frame Section Properties 02 - Concrete Column, Part 1 of 2

SectionName	RebarMatL	RebarMatC	ReinfConfig	LatReinf	Cover	NumBarsCircular	BarSizeL	BarSizeC
					m			
Palo_D=1.0m	A615Gr60	A615Gr60	Circular	Spiral	0.07	20	20d	16d
Palo800	A615Gr60	A615Gr60	Circular	Spiral	0.07	20	20d	16d
RIG_palo	A615Gr60	A615Gr60	Circular	Spiral	0.07	20	20d	16d

**Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2**

Table: Frame Section Properties 02 - Concrete Column, Part 2 of 2

SectionName	SpacingC	ReinfType
	m	
Palo_D=1.0m	0.2	Design
Palo800	0.2	Design
RIG_palo	0.2	Design

**Table: Frame Section Properties 03 - Concrete Beam**

Table: Frame Section Properties 03 - Concrete Beam

SectionName	RebarMatL	RebarMatC	TopCover	BotCover	TopLeftArea	TopRightArea	BotLeftArea	BotRightArea
			m	m	m2	m2	m2	m2
CollPali	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.
Rett1.0x1.0	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.
Rett1.0x1.2	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.
SolTV	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.
Trasv	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.

**Table: Frame Section Properties 13 - Time Dependent**

Table: Frame Section Properties 13 - Time Dependent

SectionName	TypeSize	AutoValSize	AutoSFSIZE	UserValSize
		m		m
CollPali	User	0.	1.	0.1
Palo_D=1.0m	Auto	0.5	1.	
Palo800	Auto	0.4	1.	
Pulv	User	0.	1.	0.1
PulvNew	User	0.	1.	0.1
Rett1.0x1.0	User	0.	1.	0.1
Rett1.0x1.2	User	0.	1.	0.1
RIG	None			0.1
RIG_palo	User	0.	1.	0.1
SolTV	Auto	0.21463	1.	
Trasv	Auto	0.26514	1.	
TResist	User	0.19185	1.	0.1
TRnew	User	0.19719	1.	0.1

**Table: Joint Coordinates, Part 1 of 2**

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1	GLOBAL	Cartesian	1.35	2.05	0.	Yes	1.35
2	GLOBAL	Cartesian	1.35005	2.05	-1.	Yes	1.35005
3	GLOBAL	Cartesian	1.35005	2.05	-2.	Yes	1.35005
4	GLOBAL	Cartesian	1.35005	2.05	-3.	Yes	1.35005
5	GLOBAL	Cartesian	1.35005	2.05	-4.	Yes	1.35005
6	GLOBAL	Cartesian	1.35005	2.05	-5.	Yes	1.35005
7	GLOBAL	Cartesian	1.35005	2.05	-6.	Yes	1.35005
8	GLOBAL	Cartesian	1.35005	2.05	-7.	Yes	1.35005
9	GLOBAL	Cartesian	1.35005	2.05	-8.	Yes	1.35005
10	GLOBAL	Cartesian	1.35005	2.05	-9.	Yes	1.35005
11	GLOBAL	Cartesian	1.35005	2.05	-10.	Yes	1.35005
12	GLOBAL	Cartesian	1.35005	2.05	-11.	Yes	1.35005
13	GLOBAL	Cartesian	1.35005	2.05	-12.	Yes	1.35005
14	GLOBAL	Cartesian	1.35	0.95	0.	Yes	1.35
15	GLOBAL	Cartesian	1.35005	2.05	-13.	Yes	1.35005
16	GLOBAL	Cartesian	1.35005	2.05	-14.	Yes	1.35005
17	GLOBAL	Cartesian	1.35005	2.05	-15.	Yes	1.35005
18	GLOBAL	Cartesian	1.35005	2.05	-16.	Yes	1.35005
28	GLOBAL	Cartesian	1.35005	2.05	-17.	Yes	1.35005
29	GLOBAL	Cartesian	1.35	3.15	0.	Yes	1.35
30	GLOBAL	Cartesian	1.35005	3.15	-1.	Yes	1.35005
31	GLOBAL	Cartesian	1.35005	3.15	-2.	Yes	1.35005
32	GLOBAL	Cartesian	1.35005	3.15	-3.	Yes	1.35005
33	GLOBAL	Cartesian	1.35005	3.15	-4.	Yes	1.35005
34	GLOBAL	Cartesian	1.35005	3.15	-5.	Yes	1.35005
35	GLOBAL	Cartesian	1.35005	3.15	-6.	Yes	1.35005
36	GLOBAL	Cartesian	1.35005	3.15	-7.	Yes	1.35005
37	GLOBAL	Cartesian	1.35005	3.15	-8.	Yes	1.35005
38	GLOBAL	Cartesian	1.35005	3.15	-9.	Yes	1.35005
39	GLOBAL	Cartesian	1.35005	3.15	-10.	Yes	1.35005
40	GLOBAL	Cartesian	1.35005	3.15	-11.	Yes	1.35005
41	GLOBAL	Cartesian	1.35005	3.15	-12.	Yes	1.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
42	GLOBAL	Cartesian	1.35005	3.15	-13.	Yes	1.35005
43	GLOBAL	Cartesian	1.35005	3.15	-14.	Yes	1.35005
44	GLOBAL	Cartesian	1.35005	3.15	-15.	Yes	1.35005
45	GLOBAL	Cartesian	1.35005	3.15	-16.	Yes	1.35005
55	GLOBAL	Cartesian	1.35005	3.15	-17.	Yes	1.35005
56	GLOBAL	Cartesian	1.35	4.25	0.	Yes	1.35
57	GLOBAL	Cartesian	1.35005	4.25	-1.	Yes	1.35005
58	GLOBAL	Cartesian	1.35005	4.25	-2.	Yes	1.35005
59	GLOBAL	Cartesian	1.35005	4.25	-3.	Yes	1.35005
60	GLOBAL	Cartesian	1.35005	4.25	-4.	Yes	1.35005
61	GLOBAL	Cartesian	1.35005	4.25	-5.	Yes	1.35005
62	GLOBAL	Cartesian	1.35005	4.25	-6.	Yes	1.35005
63	GLOBAL	Cartesian	1.35005	4.25	-7.	Yes	1.35005
64	GLOBAL	Cartesian	1.35005	4.25	-8.	Yes	1.35005
65	GLOBAL	Cartesian	1.35005	4.25	-9.	Yes	1.35005
66	GLOBAL	Cartesian	1.35005	4.25	-10.	Yes	1.35005
67	GLOBAL	Cartesian	1.35005	4.25	-11.	Yes	1.35005
68	GLOBAL	Cartesian	1.35005	4.25	-12.	Yes	1.35005
69	GLOBAL	Cartesian	1.35005	4.25	-13.	Yes	1.35005
70	GLOBAL	Cartesian	1.35005	4.25	-14.	Yes	1.35005
71	GLOBAL	Cartesian	1.35005	4.25	-15.	Yes	1.35005
72	GLOBAL	Cartesian	1.35005	4.25	-16.	Yes	1.35005
82	GLOBAL	Cartesian	1.35005	4.25	-17.	Yes	1.35005
83	GLOBAL	Cartesian	1.35	5.35	0.	Yes	1.35
84	GLOBAL	Cartesian	1.35005	5.35	-1.	Yes	1.35005
85	GLOBAL	Cartesian	1.35005	5.35	-2.	Yes	1.35005
86	GLOBAL	Cartesian	1.35005	5.35	-3.	Yes	1.35005
87	GLOBAL	Cartesian	1.35005	5.35	-4.	Yes	1.35005
88	GLOBAL	Cartesian	1.35005	5.35	-5.	Yes	1.35005
89	GLOBAL	Cartesian	1.35005	5.35	-6.	Yes	1.35005
90	GLOBAL	Cartesian	1.35005	5.35	-7.	Yes	1.35005
91	GLOBAL	Cartesian	1.35005	5.35	-8.	Yes	1.35005
92	GLOBAL	Cartesian	1.35005	5.35	-9.	Yes	1.35005
93	GLOBAL	Cartesian	1.35005	5.35	-10.	Yes	1.35005
94	GLOBAL	Cartesian	1.35005	5.35	-11.	Yes	1.35005
95	GLOBAL	Cartesian	1.35005	5.35	-12.	Yes	1.35005
96	GLOBAL	Cartesian	1.35005	5.35	-13.	Yes	1.35005
97	GLOBAL	Cartesian	1.35005	5.35	-14.	Yes	1.35005
98	GLOBAL	Cartesian	1.35005	5.35	-15.	Yes	1.35005
99	GLOBAL	Cartesian	1.35005	5.35	-16.	Yes	1.35005
109	GLOBAL	Cartesian	1.35005	5.35	-17.	Yes	1.35005
110	GLOBAL	Cartesian	1.35	6.45	0.	Yes	1.35
111	GLOBAL	Cartesian	1.35005	6.45	-1.	Yes	1.35005
112	GLOBAL	Cartesian	1.35005	6.45	-2.	Yes	1.35005
113	GLOBAL	Cartesian	1.35005	6.45	-3.	Yes	1.35005
114	GLOBAL	Cartesian	1.35005	6.45	-4.	Yes	1.35005
115	GLOBAL	Cartesian	1.35005	0.95	-1.	Yes	1.35005
116	GLOBAL	Cartesian	1.35005	0.95	-2.	Yes	1.35005
117	GLOBAL	Cartesian	1.35005	0.95	-3.	Yes	1.35005
118	GLOBAL	Cartesian	1.35005	0.95	-4.	Yes	1.35005
119	GLOBAL	Cartesian	1.35005	0.95	-5.	Yes	1.35005
120	GLOBAL	Cartesian	1.35005	0.95	-6.	Yes	1.35005
121	GLOBAL	Cartesian	1.35005	0.95	-7.	Yes	1.35005
122	GLOBAL	Cartesian	1.35005	0.95	-8.	Yes	1.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
123	GLOBAL	Cartesian	1.35005	0.95	-9.	Yes	1.35005
124	GLOBAL	Cartesian	1.35005	0.95	-10.	Yes	1.35005
125	GLOBAL	Cartesian	1.35005	0.95	-11.	Yes	1.35005
126	GLOBAL	Cartesian	1.35005	0.95	-12.	Yes	1.35005
127	GLOBAL	Cartesian	1.35005	0.95	-13.	Yes	1.35005
128	GLOBAL	Cartesian	1.35005	0.95	-14.	Yes	1.35005
129	GLOBAL	Cartesian	1.35005	0.95	-15.	Yes	1.35005
130	GLOBAL	Cartesian	1.35005	0.95	-16.	Yes	1.35005
140	GLOBAL	Cartesian	1.35005	0.95	-17.	Yes	1.35005
141	GLOBAL	Cartesian	1.35005	6.45	-5.	Yes	1.35005
142	GLOBAL	Cartesian	1.35005	6.45	-6.	Yes	1.35005
143	GLOBAL	Cartesian	1.35005	6.45	-7.	Yes	1.35005
144	GLOBAL	Cartesian	1.35005	6.45	-8.	Yes	1.35005
145	GLOBAL	Cartesian	1.35005	6.45	-9.	Yes	1.35005
146	GLOBAL	Cartesian	1.35005	6.45	-10.	Yes	1.35005
147	GLOBAL	Cartesian	1.35005	6.45	-11.	Yes	1.35005
148	GLOBAL	Cartesian	1.35005	6.45	-12.	Yes	1.35005
149	GLOBAL	Cartesian	1.35005	6.45	-13.	Yes	1.35005
150	GLOBAL	Cartesian	1.35005	6.45	-14.	Yes	1.35005
151	GLOBAL	Cartesian	1.35005	6.45	-15.	Yes	1.35005
152	GLOBAL	Cartesian	1.35005	6.45	-16.	Yes	1.35005
162	GLOBAL	Cartesian	1.35005	6.45	-17.	Yes	1.35005
163	GLOBAL	Cartesian	1.35	7.55	0.	Yes	1.35
164	GLOBAL	Cartesian	1.35005	7.55	-1.	Yes	1.35005
165	GLOBAL	Cartesian	1.35005	7.55	-2.	Yes	1.35005
166	GLOBAL	Cartesian	1.35005	7.55	-3.	Yes	1.35005
167	GLOBAL	Cartesian	1.35005	7.55	-4.	Yes	1.35005
168	GLOBAL	Cartesian	1.35005	7.55	-5.	Yes	1.35005
169	GLOBAL	Cartesian	1.35005	7.55	-6.	Yes	1.35005
170	GLOBAL	Cartesian	1.35005	7.55	-7.	Yes	1.35005
171	GLOBAL	Cartesian	1.35005	7.55	-8.	Yes	1.35005
172	GLOBAL	Cartesian	1.35005	7.55	-9.	Yes	1.35005
173	GLOBAL	Cartesian	1.35005	7.55	-10.	Yes	1.35005
174	GLOBAL	Cartesian	1.35005	7.55	-11.	Yes	1.35005
175	GLOBAL	Cartesian	1.35005	7.55	-12.	Yes	1.35005
176	GLOBAL	Cartesian	1.35005	7.55	-13.	Yes	1.35005
177	GLOBAL	Cartesian	1.35005	7.55	-14.	Yes	1.35005
178	GLOBAL	Cartesian	1.35005	7.55	-15.	Yes	1.35005
179	GLOBAL	Cartesian	1.35005	7.55	-16.	Yes	1.35005
189	GLOBAL	Cartesian	1.35005	7.55	-17.	Yes	1.35005
190	GLOBAL	Cartesian	1.35	8.65	0.	Yes	1.35
191	GLOBAL	Cartesian	1.35005	8.65	-1.	Yes	1.35005
192	GLOBAL	Cartesian	1.35005	8.65	-2.	Yes	1.35005
193	GLOBAL	Cartesian	1.35005	8.65	-3.	Yes	1.35005
194	GLOBAL	Cartesian	1.35005	8.65	-4.	Yes	1.35005
195	GLOBAL	Cartesian	1.35005	8.65	-5.	Yes	1.35005
196	GLOBAL	Cartesian	1.35005	8.65	-6.	Yes	1.35005
197	GLOBAL	Cartesian	1.35005	8.65	-7.	Yes	1.35005
198	GLOBAL	Cartesian	1.35005	8.65	-8.	Yes	1.35005
199	GLOBAL	Cartesian	1.35005	8.65	-9.	Yes	1.35005
200	GLOBAL	Cartesian	1.35005	8.65	-10.	Yes	1.35005
201	GLOBAL	Cartesian	1.35005	8.65	-11.	Yes	1.35005
202	GLOBAL	Cartesian	1.35005	8.65	-12.	Yes	1.35005
203	GLOBAL	Cartesian	1.35005	8.65	-13.	Yes	1.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
204	GLOBAL	Cartesian	1.35005	8.65	-14.	Yes	1.35005
205	GLOBAL	Cartesian	1.35005	8.65	-15.	Yes	1.35005
206	GLOBAL	Cartesian	1.35005	8.65	-16.	Yes	1.35005
216	GLOBAL	Cartesian	1.35005	8.65	-17.	Yes	1.35005
217	GLOBAL	Cartesian	1.35	9.75	0.	Yes	1.35
218	GLOBAL	Cartesian	1.35005	9.75	-1.	Yes	1.35005
219	GLOBAL	Cartesian	1.35005	9.75	-2.	Yes	1.35005
220	GLOBAL	Cartesian	1.35005	9.75	-3.	Yes	1.35005
221	GLOBAL	Cartesian	1.35005	9.75	-4.	Yes	1.35005
222	GLOBAL	Cartesian	1.35005	9.75	-5.	Yes	1.35005
223	GLOBAL	Cartesian	1.35005	9.75	-6.	Yes	1.35005
224	GLOBAL	Cartesian	1.35005	9.75	-7.	Yes	1.35005
225	GLOBAL	Cartesian	1.35005	9.75	-8.	Yes	1.35005
226	GLOBAL	Cartesian	1.35005	9.75	-9.	Yes	1.35005
227	GLOBAL	Cartesian	1.35005	9.75	-10.	Yes	1.35005
228	GLOBAL	Cartesian	1.35005	9.75	-11.	Yes	1.35005
229	GLOBAL	Cartesian	1.35005	9.75	-12.	Yes	1.35005
230	GLOBAL	Cartesian	1.35005	9.75	-13.	Yes	1.35005
231	GLOBAL	Cartesian	1.35005	9.75	-14.	Yes	1.35005
232	GLOBAL	Cartesian	1.35005	9.75	-15.	Yes	1.35005
233	GLOBAL	Cartesian	1.35005	9.75	-16.	Yes	1.35005
243	GLOBAL	Cartesian	1.35005	9.75	-17.	Yes	1.35005
244	GLOBAL	Cartesian	1.35	10.85	0.	Yes	1.35
245	GLOBAL	Cartesian	1.35005	10.85	-1.	Yes	1.35005
246	GLOBAL	Cartesian	1.35005	10.85	-2.	Yes	1.35005
247	GLOBAL	Cartesian	1.35005	10.85	-3.	Yes	1.35005
248	GLOBAL	Cartesian	1.35005	10.85	-4.	Yes	1.35005
249	GLOBAL	Cartesian	1.35005	10.85	-5.	Yes	1.35005
250	GLOBAL	Cartesian	1.35005	10.85	-6.	Yes	1.35005
251	GLOBAL	Cartesian	1.35005	10.85	-7.	Yes	1.35005
252	GLOBAL	Cartesian	1.35005	10.85	-8.	Yes	1.35005
253	GLOBAL	Cartesian	1.35005	10.85	-9.	Yes	1.35005
254	GLOBAL	Cartesian	1.35005	10.85	-10.	Yes	1.35005
255	GLOBAL	Cartesian	1.35005	10.85	-11.	Yes	1.35005
256	GLOBAL	Cartesian	1.35005	10.85	-12.	Yes	1.35005
257	GLOBAL	Cartesian	1.35005	10.85	-13.	Yes	1.35005
258	GLOBAL	Cartesian	1.35005	10.85	-14.	Yes	1.35005
259	GLOBAL	Cartesian	1.35005	10.85	-15.	Yes	1.35005
260	GLOBAL	Cartesian	1.35005	10.85	-16.	Yes	1.35005
270	GLOBAL	Cartesian	1.35005	10.85	-17.	Yes	1.35005
271	GLOBAL	Cartesian	1.35	11.95	0.	Yes	1.35
272	GLOBAL	Cartesian	1.35005	11.95	-1.	Yes	1.35005
273	GLOBAL	Cartesian	1.35005	11.95	-2.	Yes	1.35005
274	GLOBAL	Cartesian	1.35005	11.95	-3.	Yes	1.35005
275	GLOBAL	Cartesian	1.35005	11.95	-4.	Yes	1.35005
276	GLOBAL	Cartesian	1.35005	11.95	-5.	Yes	1.35005
277	GLOBAL	Cartesian	1.35005	11.95	-6.	Yes	1.35005
278	GLOBAL	Cartesian	1.35005	11.95	-7.	Yes	1.35005
279	GLOBAL	Cartesian	1.35005	11.95	-8.	Yes	1.35005
280	GLOBAL	Cartesian	1.35005	11.95	-9.	Yes	1.35005
281	GLOBAL	Cartesian	1.35005	11.95	-10.	Yes	1.35005
282	GLOBAL	Cartesian	1.35005	11.95	-11.	Yes	1.35005
283	GLOBAL	Cartesian	1.35005	11.95	-12.	Yes	1.35005
284	GLOBAL	Cartesian	1.35005	11.95	-13.	Yes	1.35005



Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
285	GLOBAL	Cartesian	1.35005	11.95	-14.	Yes	1.35005
286	GLOBAL	Cartesian	1.35005	11.95	-15.	Yes	1.35005
287	GLOBAL	Cartesian	1.35005	11.95	-16.	Yes	1.35005
297	GLOBAL	Cartesian	1.35005	11.95	-17.	Yes	1.35005
298	GLOBAL	Cartesian	1.35	13.05	0.	Yes	1.35
299	GLOBAL	Cartesian	1.35005	13.05	-1.	Yes	1.35005
300	GLOBAL	Cartesian	1.35005	13.05	-2.	Yes	1.35005
301	GLOBAL	Cartesian	1.35005	13.05	-3.	Yes	1.35005
302	GLOBAL	Cartesian	1.35005	13.05	-4.	Yes	1.35005
303	GLOBAL	Cartesian	1.35005	13.05	-5.	Yes	1.35005
304	GLOBAL	Cartesian	1.35005	13.05	-6.	Yes	1.35005
305	GLOBAL	Cartesian	1.35005	13.05	-7.	Yes	1.35005
306	GLOBAL	Cartesian	1.35005	13.05	-8.	Yes	1.35005
307	GLOBAL	Cartesian	1.35005	13.05	-9.	Yes	1.35005
308	GLOBAL	Cartesian	1.35005	13.05	-10.	Yes	1.35005
309	GLOBAL	Cartesian	1.35005	13.05	-11.	Yes	1.35005
310	GLOBAL	Cartesian	1.35005	13.05	-12.	Yes	1.35005
311	GLOBAL	Cartesian	1.35005	13.05	-13.	Yes	1.35005
312	GLOBAL	Cartesian	1.35005	13.05	-14.	Yes	1.35005
313	GLOBAL	Cartesian	1.35005	13.05	-15.	Yes	1.35005
314	GLOBAL	Cartesian	1.35005	13.05	-16.	Yes	1.35005
324	GLOBAL	Cartesian	1.35005	13.05	-17.	Yes	1.35005
325	GLOBAL	Cartesian	17.35	0.95	0.	Yes	17.35
326	GLOBAL	Cartesian	17.35005	0.95	-1.	Yes	17.35005
327	GLOBAL	Cartesian	17.35005	0.95	-2.	Yes	17.35005
328	GLOBAL	Cartesian	17.35005	0.95	-3.	Yes	17.35005
329	GLOBAL	Cartesian	17.35005	0.95	-4.	Yes	17.35005
330	GLOBAL	Cartesian	17.35005	0.95	-5.	Yes	17.35005
331	GLOBAL	Cartesian	17.35005	0.95	-6.	Yes	17.35005
332	GLOBAL	Cartesian	17.35005	0.95	-7.	Yes	17.35005
333	GLOBAL	Cartesian	17.35005	0.95	-8.	Yes	17.35005
334	GLOBAL	Cartesian	17.35005	0.95	-9.	Yes	17.35005
335	GLOBAL	Cartesian	17.35005	0.95	-10.	Yes	17.35005
336	GLOBAL	Cartesian	17.35005	0.95	-11.	Yes	17.35005
337	GLOBAL	Cartesian	17.35005	0.95	-12.	Yes	17.35005
338	GLOBAL	Cartesian	17.35005	0.95	-13.	Yes	17.35005
339	GLOBAL	Cartesian	17.35005	0.95	-14.	Yes	17.35005
340	GLOBAL	Cartesian	17.35005	0.95	-15.	Yes	17.35005
341	GLOBAL	Cartesian	17.35005	0.95	-16.	Yes	17.35005
342	GLOBAL	Cartesian	17.35005	0.95	-17.	Yes	17.35005
343	GLOBAL	Cartesian	17.35	2.05	0.	Yes	17.35
344	GLOBAL	Cartesian	17.35005	2.05	-1.	Yes	17.35005
345	GLOBAL	Cartesian	17.35005	2.05	-2.	Yes	17.35005
346	GLOBAL	Cartesian	17.35005	2.05	-3.	Yes	17.35005
347	GLOBAL	Cartesian	17.35005	2.05	-4.	Yes	17.35005
348	GLOBAL	Cartesian	17.35005	2.05	-5.	Yes	17.35005
349	GLOBAL	Cartesian	17.35005	2.05	-6.	Yes	17.35005
350	GLOBAL	Cartesian	17.35005	2.05	-7.	Yes	17.35005
351	GLOBAL	Cartesian	17.35005	2.05	-8.	Yes	17.35005
352	GLOBAL	Cartesian	17.35005	2.05	-9.	Yes	17.35005
353	GLOBAL	Cartesian	17.35005	2.05	-10.	Yes	17.35005
354	GLOBAL	Cartesian	17.35005	2.05	-11.	Yes	17.35005
355	GLOBAL	Cartesian	17.35005	2.05	-12.	Yes	17.35005
356	GLOBAL	Cartesian	17.35005	2.05	-13.	Yes	17.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
357	GLOBAL	Cartesian	17.35005	2.05	-14.	Yes	17.35005
358	GLOBAL	Cartesian	17.35005	2.05	-15.	Yes	17.35005
359	GLOBAL	Cartesian	17.35005	2.05	-16.	Yes	17.35005
360	GLOBAL	Cartesian	17.35005	2.05	-17.	Yes	17.35005
361	GLOBAL	Cartesian	17.35	3.15	0.	Yes	17.35
362	GLOBAL	Cartesian	17.35005	3.15	-1.	Yes	17.35005
363	GLOBAL	Cartesian	17.35005	3.15	-2.	Yes	17.35005
364	GLOBAL	Cartesian	17.35005	3.15	-3.	Yes	17.35005
365	GLOBAL	Cartesian	17.35005	3.15	-4.	Yes	17.35005
366	GLOBAL	Cartesian	17.35005	3.15	-5.	Yes	17.35005
367	GLOBAL	Cartesian	17.35005	3.15	-6.	Yes	17.35005
368	GLOBAL	Cartesian	17.35005	3.15	-7.	Yes	17.35005
369	GLOBAL	Cartesian	17.35005	3.15	-8.	Yes	17.35005
370	GLOBAL	Cartesian	17.35005	3.15	-9.	Yes	17.35005
371	GLOBAL	Cartesian	17.35005	3.15	-10.	Yes	17.35005
372	GLOBAL	Cartesian	17.35005	3.15	-11.	Yes	17.35005
373	GLOBAL	Cartesian	17.35005	3.15	-12.	Yes	17.35005
374	GLOBAL	Cartesian	17.35005	3.15	-13.	Yes	17.35005
375	GLOBAL	Cartesian	17.35005	3.15	-14.	Yes	17.35005
376	GLOBAL	Cartesian	17.35005	3.15	-15.	Yes	17.35005
377	GLOBAL	Cartesian	17.35005	3.15	-16.	Yes	17.35005
378	GLOBAL	Cartesian	17.35005	3.15	-17.	Yes	17.35005
379	GLOBAL	Cartesian	17.35	4.25	0.	Yes	17.35
380	GLOBAL	Cartesian	17.35005	4.25	-1.	Yes	17.35005
381	GLOBAL	Cartesian	17.35005	4.25	-2.	Yes	17.35005
382	GLOBAL	Cartesian	17.35005	4.25	-3.	Yes	17.35005
383	GLOBAL	Cartesian	17.35005	4.25	-4.	Yes	17.35005
384	GLOBAL	Cartesian	17.35005	4.25	-5.	Yes	17.35005
385	GLOBAL	Cartesian	17.35005	4.25	-6.	Yes	17.35005
386	GLOBAL	Cartesian	17.35005	4.25	-7.	Yes	17.35005
387	GLOBAL	Cartesian	17.35005	4.25	-8.	Yes	17.35005
388	GLOBAL	Cartesian	17.35005	4.25	-9.	Yes	17.35005
389	GLOBAL	Cartesian	17.35005	4.25	-10.	Yes	17.35005
390	GLOBAL	Cartesian	17.35005	4.25	-11.	Yes	17.35005
391	GLOBAL	Cartesian	17.35005	4.25	-12.	Yes	17.35005
392	GLOBAL	Cartesian	17.35005	4.25	-13.	Yes	17.35005
393	GLOBAL	Cartesian	17.35005	4.25	-14.	Yes	17.35005
394	GLOBAL	Cartesian	17.35005	4.25	-15.	Yes	17.35005
395	GLOBAL	Cartesian	17.35005	4.25	-16.	Yes	17.35005
396	GLOBAL	Cartesian	17.35005	4.25	-17.	Yes	17.35005
397	GLOBAL	Cartesian	17.35	5.35	0.	Yes	17.35
398	GLOBAL	Cartesian	17.35005	5.35	-1.	Yes	17.35005
399	GLOBAL	Cartesian	17.35005	5.35	-2.	Yes	17.35005
400	GLOBAL	Cartesian	17.35005	5.35	-3.	Yes	17.35005
401	GLOBAL	Cartesian	17.35005	5.35	-4.	Yes	17.35005
402	GLOBAL	Cartesian	17.35005	5.35	-5.	Yes	17.35005
403	GLOBAL	Cartesian	17.35005	5.35	-6.	Yes	17.35005
404	GLOBAL	Cartesian	17.35005	5.35	-7.	Yes	17.35005
405	GLOBAL	Cartesian	17.35005	5.35	-8.	Yes	17.35005
406	GLOBAL	Cartesian	17.35005	5.35	-9.	Yes	17.35005
407	GLOBAL	Cartesian	17.35005	5.35	-10.	Yes	17.35005
408	GLOBAL	Cartesian	17.35005	5.35	-11.	Yes	17.35005
409	GLOBAL	Cartesian	17.35005	5.35	-12.	Yes	17.35005
410	GLOBAL	Cartesian	17.35005	5.35	-13.	Yes	17.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
411	GLOBAL	Cartesian	17.35005	5.35	-14.	Yes	17.35005
412	GLOBAL	Cartesian	17.35005	5.35	-15.	Yes	17.35005
413	GLOBAL	Cartesian	17.35005	5.35	-16.	Yes	17.35005
414	GLOBAL	Cartesian	17.35005	5.35	-17.	Yes	17.35005
415	GLOBAL	Cartesian	17.35	6.45	0.	Yes	17.35
416	GLOBAL	Cartesian	17.35005	6.45	-1.	Yes	17.35005
417	GLOBAL	Cartesian	17.35005	6.45	-2.	Yes	17.35005
418	GLOBAL	Cartesian	17.35005	6.45	-3.	Yes	17.35005
419	GLOBAL	Cartesian	17.35005	6.45	-4.	Yes	17.35005
420	GLOBAL	Cartesian	17.35005	6.45	-5.	Yes	17.35005
421	GLOBAL	Cartesian	17.35005	6.45	-6.	Yes	17.35005
422	GLOBAL	Cartesian	17.35005	6.45	-7.	Yes	17.35005
423	GLOBAL	Cartesian	17.35005	6.45	-8.	Yes	17.35005
424	GLOBAL	Cartesian	17.35005	6.45	-9.	Yes	17.35005
425	GLOBAL	Cartesian	17.35005	6.45	-10.	Yes	17.35005
426	GLOBAL	Cartesian	17.35005	6.45	-11.	Yes	17.35005
427	GLOBAL	Cartesian	17.35005	6.45	-12.	Yes	17.35005
428	GLOBAL	Cartesian	17.35005	6.45	-13.	Yes	17.35005
429	GLOBAL	Cartesian	17.35005	6.45	-14.	Yes	17.35005
430	GLOBAL	Cartesian	17.35005	6.45	-15.	Yes	17.35005
431	GLOBAL	Cartesian	17.35005	6.45	-16.	Yes	17.35005
432	GLOBAL	Cartesian	17.35005	6.45	-17.	Yes	17.35005
433	GLOBAL	Cartesian	17.35	7.55	0.	Yes	17.35
434	GLOBAL	Cartesian	17.35005	7.55	-1.	Yes	17.35005
435	GLOBAL	Cartesian	17.35005	7.55	-2.	Yes	17.35005
436	GLOBAL	Cartesian	17.35005	7.55	-3.	Yes	17.35005
437	GLOBAL	Cartesian	17.35005	7.55	-4.	Yes	17.35005
438	GLOBAL	Cartesian	17.35005	7.55	-5.	Yes	17.35005
439	GLOBAL	Cartesian	17.35005	7.55	-6.	Yes	17.35005
440	GLOBAL	Cartesian	17.35005	7.55	-7.	Yes	17.35005
441	GLOBAL	Cartesian	17.35005	7.55	-8.	Yes	17.35005
442	GLOBAL	Cartesian	17.35005	7.55	-9.	Yes	17.35005
443	GLOBAL	Cartesian	17.35005	7.55	-10.	Yes	17.35005
444	GLOBAL	Cartesian	17.35005	7.55	-11.	Yes	17.35005
445	GLOBAL	Cartesian	17.35005	7.55	-12.	Yes	17.35005
446	GLOBAL	Cartesian	17.35005	7.55	-13.	Yes	17.35005
447	GLOBAL	Cartesian	17.35005	7.55	-14.	Yes	17.35005
448	GLOBAL	Cartesian	17.35005	7.55	-15.	Yes	17.35005
449	GLOBAL	Cartesian	17.35005	7.55	-16.	Yes	17.35005
450	GLOBAL	Cartesian	17.35005	7.55	-17.	Yes	17.35005
451	GLOBAL	Cartesian	17.35	8.65	0.	Yes	17.35
452	GLOBAL	Cartesian	17.35005	8.65	-1.	Yes	17.35005
453	GLOBAL	Cartesian	17.35005	8.65	-2.	Yes	17.35005
454	GLOBAL	Cartesian	17.35005	8.65	-3.	Yes	17.35005
455	GLOBAL	Cartesian	17.35005	8.65	-4.	Yes	17.35005
456	GLOBAL	Cartesian	17.35005	8.65	-5.	Yes	17.35005
457	GLOBAL	Cartesian	17.35005	8.65	-6.	Yes	17.35005
458	GLOBAL	Cartesian	17.35005	8.65	-7.	Yes	17.35005
459	GLOBAL	Cartesian	17.35005	8.65	-8.	Yes	17.35005
460	GLOBAL	Cartesian	17.35005	8.65	-9.	Yes	17.35005
461	GLOBAL	Cartesian	17.35005	8.65	-10.	Yes	17.35005
462	GLOBAL	Cartesian	17.35005	8.65	-11.	Yes	17.35005
463	GLOBAL	Cartesian	17.35005	8.65	-12.	Yes	17.35005
464	GLOBAL	Cartesian	17.35005	8.65	-13.	Yes	17.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
465	GLOBAL	Cartesian	17.35005	8.65	-14.	Yes	17.35005
466	GLOBAL	Cartesian	17.35005	8.65	-15.	Yes	17.35005
467	GLOBAL	Cartesian	17.35005	8.65	-16.	Yes	17.35005
468	GLOBAL	Cartesian	17.35005	8.65	-17.	Yes	17.35005
469	GLOBAL	Cartesian	17.35	9.75	0.	Yes	17.35
470	GLOBAL	Cartesian	17.35005	9.75	-1.	Yes	17.35005
471	GLOBAL	Cartesian	17.35005	9.75	-2.	Yes	17.35005
472	GLOBAL	Cartesian	17.35005	9.75	-3.	Yes	17.35005
473	GLOBAL	Cartesian	17.35005	9.75	-4.	Yes	17.35005
474	GLOBAL	Cartesian	17.35005	9.75	-5.	Yes	17.35005
475	GLOBAL	Cartesian	17.35005	9.75	-6.	Yes	17.35005
476	GLOBAL	Cartesian	17.35005	9.75	-7.	Yes	17.35005
477	GLOBAL	Cartesian	17.35005	9.75	-8.	Yes	17.35005
478	GLOBAL	Cartesian	17.35005	9.75	-9.	Yes	17.35005
479	GLOBAL	Cartesian	17.35005	9.75	-10.	Yes	17.35005
480	GLOBAL	Cartesian	17.35005	9.75	-11.	Yes	17.35005
481	GLOBAL	Cartesian	17.35005	9.75	-12.	Yes	17.35005
482	GLOBAL	Cartesian	17.35005	9.75	-13.	Yes	17.35005
483	GLOBAL	Cartesian	17.35005	9.75	-14.	Yes	17.35005
484	GLOBAL	Cartesian	17.35005	9.75	-15.	Yes	17.35005
485	GLOBAL	Cartesian	17.35005	9.75	-16.	Yes	17.35005
486	GLOBAL	Cartesian	17.35005	9.75	-17.	Yes	17.35005
487	GLOBAL	Cartesian	17.35	10.85	0.	Yes	17.35
488	GLOBAL	Cartesian	17.35005	10.85	-1.	Yes	17.35005
489	GLOBAL	Cartesian	17.35005	10.85	-2.	Yes	17.35005
490	GLOBAL	Cartesian	17.35005	10.85	-3.	Yes	17.35005
491	GLOBAL	Cartesian	17.35005	10.85	-4.	Yes	17.35005
492	GLOBAL	Cartesian	17.35005	10.85	-5.	Yes	17.35005
493	GLOBAL	Cartesian	17.35005	10.85	-6.	Yes	17.35005
494	GLOBAL	Cartesian	17.35005	10.85	-7.	Yes	17.35005
495	GLOBAL	Cartesian	17.35005	10.85	-8.	Yes	17.35005
496	GLOBAL	Cartesian	17.35005	10.85	-9.	Yes	17.35005
497	GLOBAL	Cartesian	17.35005	10.85	-10.	Yes	17.35005
498	GLOBAL	Cartesian	17.35005	10.85	-11.	Yes	17.35005
499	GLOBAL	Cartesian	17.35005	10.85	-12.	Yes	17.35005
500	GLOBAL	Cartesian	17.35005	10.85	-13.	Yes	17.35005
501	GLOBAL	Cartesian	17.35005	10.85	-14.	Yes	17.35005
502	GLOBAL	Cartesian	17.35005	10.85	-15.	Yes	17.35005
503	GLOBAL	Cartesian	17.35005	10.85	-16.	Yes	17.35005
504	GLOBAL	Cartesian	17.35005	10.85	-17.	Yes	17.35005
505	GLOBAL	Cartesian	17.35	11.95	0.	Yes	17.35
506	GLOBAL	Cartesian	17.35005	11.95	-1.	Yes	17.35005
507	GLOBAL	Cartesian	17.35005	11.95	-2.	Yes	17.35005
508	GLOBAL	Cartesian	17.35005	11.95	-3.	Yes	17.35005
509	GLOBAL	Cartesian	17.35005	11.95	-4.	Yes	17.35005
510	GLOBAL	Cartesian	17.35005	11.95	-5.	Yes	17.35005
511	GLOBAL	Cartesian	17.35005	11.95	-6.	Yes	17.35005
512	GLOBAL	Cartesian	17.35005	11.95	-7.	Yes	17.35005
513	GLOBAL	Cartesian	17.35005	11.95	-8.	Yes	17.35005
514	GLOBAL	Cartesian	17.35005	11.95	-9.	Yes	17.35005
515	GLOBAL	Cartesian	17.35005	11.95	-10.	Yes	17.35005
516	GLOBAL	Cartesian	17.35005	11.95	-11.	Yes	17.35005
517	GLOBAL	Cartesian	17.35005	11.95	-12.	Yes	17.35005
518	GLOBAL	Cartesian	17.35005	11.95	-13.	Yes	17.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
519	GLOBAL	Cartesian	17.35005	11.95	-14.	Yes	17.35005
520	GLOBAL	Cartesian	17.35005	11.95	-15.	Yes	17.35005
521	GLOBAL	Cartesian	17.35005	11.95	-16.	Yes	17.35005
522	GLOBAL	Cartesian	17.35005	11.95	-17.	Yes	17.35005
523	GLOBAL	Cartesian	17.35	13.05	0.	Yes	17.35
524	GLOBAL	Cartesian	17.35005	13.05	-1.	Yes	17.35005
525	GLOBAL	Cartesian	17.35005	13.05	-2.	Yes	17.35005
526	GLOBAL	Cartesian	17.35005	13.05	-3.	Yes	17.35005
527	GLOBAL	Cartesian	17.35005	13.05	-4.	Yes	17.35005
528	GLOBAL	Cartesian	17.35005	13.05	-5.	Yes	17.35005
529	GLOBAL	Cartesian	17.35005	13.05	-6.	Yes	17.35005
530	GLOBAL	Cartesian	17.35005	13.05	-7.	Yes	17.35005
531	GLOBAL	Cartesian	17.35005	13.05	-8.	Yes	17.35005
532	GLOBAL	Cartesian	17.35005	13.05	-9.	Yes	17.35005
533	GLOBAL	Cartesian	17.35005	13.05	-10.	Yes	17.35005
534	GLOBAL	Cartesian	17.35005	13.05	-11.	Yes	17.35005
535	GLOBAL	Cartesian	17.35005	13.05	-12.	Yes	17.35005
536	GLOBAL	Cartesian	17.35005	13.05	-13.	Yes	17.35005
537	GLOBAL	Cartesian	17.35005	13.05	-14.	Yes	17.35005
538	GLOBAL	Cartesian	17.35005	13.05	-15.	Yes	17.35005
539	GLOBAL	Cartesian	17.35005	13.05	-16.	Yes	17.35005
540	GLOBAL	Cartesian	17.35005	13.05	-17.	Yes	17.35005
543	GLOBAL	Cartesian	1.35005	0.05	-2.	Yes	1.35005
544	GLOBAL	Cartesian	1.35005	0.05	-3.	Yes	1.35005
545	GLOBAL	Cartesian	1.35005	0.05	-4.	Yes	1.35005
546	GLOBAL	Cartesian	1.35005	0.05	-5.	Yes	1.35005
547	GLOBAL	Cartesian	1.35005	0.05	-6.	Yes	1.35005
548	GLOBAL	Cartesian	1.35005	0.05	-7.	Yes	1.35005
549	GLOBAL	Cartesian	1.35005	0.05	-8.	Yes	1.35005
550	GLOBAL	Cartesian	1.35005	0.05	-9.	Yes	1.35005
551	GLOBAL	Cartesian	1.35005	0.05	-10.	Yes	1.35005
552	GLOBAL	Cartesian	1.35005	0.05	-11.	Yes	1.35005
553	GLOBAL	Cartesian	1.35005	0.05	-12.	Yes	1.35005
558	GLOBAL	Cartesian	1.35005	0.05	-13.	Yes	1.35005
561	GLOBAL	Cartesian	1.35005	-0.85	-2.	Yes	1.35005
562	GLOBAL	Cartesian	1.35005	-0.85	-3.	Yes	1.35005
563	GLOBAL	Cartesian	1.35005	-0.85	-4.	Yes	1.35005
564	GLOBAL	Cartesian	1.35005	-0.85	-5.	Yes	1.35005
565	GLOBAL	Cartesian	1.35005	-0.85	-6.	Yes	1.35005
566	GLOBAL	Cartesian	1.35005	-0.85	-7.	Yes	1.35005
567	GLOBAL	Cartesian	1.35005	-0.85	-8.	Yes	1.35005
568	GLOBAL	Cartesian	1.35005	-0.85	-9.	Yes	1.35005
569	GLOBAL	Cartesian	1.35005	-0.85	-10.	Yes	1.35005
570	GLOBAL	Cartesian	1.35005	-0.85	-11.	Yes	1.35005
571	GLOBAL	Cartesian	1.35005	-0.85	-12.	Yes	1.35005
576	GLOBAL	Cartesian	1.35005	-0.85	-13.	Yes	1.35005
579	GLOBAL	Cartesian	1.35005	-1.75	-2.	Yes	1.35005
580	GLOBAL	Cartesian	1.35005	-1.75	-3.	Yes	1.35005
581	GLOBAL	Cartesian	1.35005	-1.75	-4.	Yes	1.35005
582	GLOBAL	Cartesian	1.35005	-1.75	-5.	Yes	1.35005
583	GLOBAL	Cartesian	1.35005	-1.75	-6.	Yes	1.35005
584	GLOBAL	Cartesian	1.35005	-1.75	-7.	Yes	1.35005
585	GLOBAL	Cartesian	1.35005	-1.75	-8.	Yes	1.35005
586	GLOBAL	Cartesian	1.35005	-1.75	-9.	Yes	1.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
587	GLOBAL	Cartesian	1.35005	-1.75	-10.	Yes	1.35005
588	GLOBAL	Cartesian	1.35005	-1.75	-11.	Yes	1.35005
589	GLOBAL	Cartesian	1.35005	-1.75	-12.	Yes	1.35005
594	GLOBAL	Cartesian	1.35005	-1.75	-13.	Yes	1.35005
595	GLOBAL	Cartesian	1.35005	0.05	-1.	Yes	1.35005
596	GLOBAL	Cartesian	1.35005	-0.85	-1.	Yes	1.35005
597	GLOBAL	Cartesian	1.35005	-1.75	-1.	Yes	1.35005
598	GLOBAL	Cartesian	1.35005	0.05	0.	Yes	1.35005
599	GLOBAL	Cartesian	1.35005	-0.85	0.	Yes	1.35005
600	GLOBAL	Cartesian	1.35005	-1.75	0.	Yes	1.35005
601	GLOBAL	Cartesian	0.45005	0.05	-2.	Yes	0.45005
602	GLOBAL	Cartesian	0.45005	0.05	-3.	Yes	0.45005
603	GLOBAL	Cartesian	0.45005	0.05	-4.	Yes	0.45005
604	GLOBAL	Cartesian	0.45005	0.05	-5.	Yes	0.45005
605	GLOBAL	Cartesian	0.45005	0.05	-6.	Yes	0.45005
606	GLOBAL	Cartesian	0.45005	0.05	-7.	Yes	0.45005
607	GLOBAL	Cartesian	0.45005	0.05	-8.	Yes	0.45005
608	GLOBAL	Cartesian	0.45005	0.05	-9.	Yes	0.45005
609	GLOBAL	Cartesian	0.45005	0.05	-10.	Yes	0.45005
610	GLOBAL	Cartesian	0.45005	0.05	-11.	Yes	0.45005
611	GLOBAL	Cartesian	0.45005	0.05	-12.	Yes	0.45005
616	GLOBAL	Cartesian	0.45005	0.05	-13.	Yes	0.45005
617	GLOBAL	Cartesian	0.45005	-0.85	-2.	Yes	0.45005
618	GLOBAL	Cartesian	0.45005	-0.85	-3.	Yes	0.45005
619	GLOBAL	Cartesian	0.45005	-0.85	-4.	Yes	0.45005
620	GLOBAL	Cartesian	0.45005	-0.85	-5.	Yes	0.45005
621	GLOBAL	Cartesian	0.45005	-0.85	-6.	Yes	0.45005
622	GLOBAL	Cartesian	0.45005	-0.85	-7.	Yes	0.45005
623	GLOBAL	Cartesian	0.45005	-0.85	-8.	Yes	0.45005
624	GLOBAL	Cartesian	0.45005	-0.85	-9.	Yes	0.45005
625	GLOBAL	Cartesian	0.45005	-0.85	-10.	Yes	0.45005
626	GLOBAL	Cartesian	0.45005	-0.85	-11.	Yes	0.45005
627	GLOBAL	Cartesian	0.45005	-0.85	-12.	Yes	0.45005
632	GLOBAL	Cartesian	0.45005	-0.85	-13.	Yes	0.45005
633	GLOBAL	Cartesian	0.45005	-1.75	-2.	Yes	0.45005
634	GLOBAL	Cartesian	0.45005	-1.75	-3.	Yes	0.45005
635	GLOBAL	Cartesian	0.45005	-1.75	-4.	Yes	0.45005
636	GLOBAL	Cartesian	0.45005	-1.75	-5.	Yes	0.45005
637	GLOBAL	Cartesian	0.45005	-1.75	-6.	Yes	0.45005
638	GLOBAL	Cartesian	0.45005	-1.75	-7.	Yes	0.45005
639	GLOBAL	Cartesian	0.45005	-1.75	-8.	Yes	0.45005
640	GLOBAL	Cartesian	0.45005	-1.75	-9.	Yes	0.45005
641	GLOBAL	Cartesian	0.45005	-1.75	-10.	Yes	0.45005
642	GLOBAL	Cartesian	0.45005	-1.75	-11.	Yes	0.45005
643	GLOBAL	Cartesian	0.45005	-1.75	-12.	Yes	0.45005
648	GLOBAL	Cartesian	0.45005	-1.75	-13.	Yes	0.45005
649	GLOBAL	Cartesian	0.45005	0.05	-1.	Yes	0.45005
650	GLOBAL	Cartesian	0.45005	-0.85	-1.	Yes	0.45005
651	GLOBAL	Cartesian	0.45005	-1.75	-1.	Yes	0.45005
652	GLOBAL	Cartesian	0.45005	0.05	0.	Yes	0.45005
653	GLOBAL	Cartesian	0.45005	-0.85	0.	Yes	0.45005
654	GLOBAL	Cartesian	0.45005	-1.75	0.	Yes	0.45005
655	GLOBAL	Cartesian	1.35005	0.05	-4.88284	Yes	1.35005
656	GLOBAL	Cartesian	0.	0.	0.	Yes	0.

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
657	GLOBAL	Cartesian	0.45005	-0.83154	-1.	No	0.45005
660	GLOBAL	Cartesian	18.25005	0.05	-2.	Yes	18.25005
661	GLOBAL	Cartesian	18.25005	0.05	-3.	Yes	18.25005
662	GLOBAL	Cartesian	18.25005	0.05	-4.	Yes	18.25005
663	GLOBAL	Cartesian	18.25005	0.05	-5.	Yes	18.25005
664	GLOBAL	Cartesian	18.25005	0.05	-6.	Yes	18.25005
665	GLOBAL	Cartesian	18.25005	0.05	-7.	Yes	18.25005
666	GLOBAL	Cartesian	18.25005	0.05	-8.	Yes	18.25005
667	GLOBAL	Cartesian	18.25005	0.05	-9.	Yes	18.25005
668	GLOBAL	Cartesian	18.25005	0.05	-10.	Yes	18.25005
669	GLOBAL	Cartesian	18.25005	0.05	-11.	Yes	18.25005
670	GLOBAL	Cartesian	18.25005	0.05	-12.	Yes	18.25005
675	GLOBAL	Cartesian	18.25005	0.05	-13.	Yes	18.25005
676	GLOBAL	Cartesian	18.25005	-0.85	-2.	Yes	18.25005
677	GLOBAL	Cartesian	18.25005	-0.85	-3.	Yes	18.25005
678	GLOBAL	Cartesian	18.25005	-0.85	-4.	Yes	18.25005
679	GLOBAL	Cartesian	18.25005	-0.85	-5.	Yes	18.25005
680	GLOBAL	Cartesian	18.25005	-0.85	-6.	Yes	18.25005
681	GLOBAL	Cartesian	18.25005	-0.85	-7.	Yes	18.25005
682	GLOBAL	Cartesian	18.25005	-0.85	-8.	Yes	18.25005
683	GLOBAL	Cartesian	18.25005	-0.85	-9.	Yes	18.25005
684	GLOBAL	Cartesian	18.25005	-0.85	-10.	Yes	18.25005
685	GLOBAL	Cartesian	18.25005	-0.85	-11.	Yes	18.25005
686	GLOBAL	Cartesian	18.25005	-0.85	-12.	Yes	18.25005
692	GLOBAL	Cartesian	18.25005	-1.75	-2.	Yes	18.25005
693	GLOBAL	Cartesian	18.25005	-1.75	-3.	Yes	18.25005
694	GLOBAL	Cartesian	18.25005	-1.75	-4.	Yes	18.25005
695	GLOBAL	Cartesian	18.25005	-1.75	-5.	Yes	18.25005
696	GLOBAL	Cartesian	18.25005	-1.75	-6.	Yes	18.25005
697	GLOBAL	Cartesian	18.25005	-1.75	-7.	Yes	18.25005
698	GLOBAL	Cartesian	18.25005	-1.75	-8.	Yes	18.25005
699	GLOBAL	Cartesian	18.25005	-1.75	-9.	Yes	18.25005
700	GLOBAL	Cartesian	18.25005	-1.75	-10.	Yes	18.25005
701	GLOBAL	Cartesian	18.25005	-1.75	-11.	Yes	18.25005
702	GLOBAL	Cartesian	18.25005	-1.75	-12.	Yes	18.25005
708	GLOBAL	Cartesian	18.25005	0.05	-1.	Yes	18.25005
709	GLOBAL	Cartesian	18.25005	-0.85	-1.	Yes	18.25005
710	GLOBAL	Cartesian	18.25005	-1.75	-1.	Yes	18.25005
711	GLOBAL	Cartesian	18.25005	0.05	0.	Yes	18.25005
712	GLOBAL	Cartesian	18.25005	-0.85	0.	Yes	18.25005
713	GLOBAL	Cartesian	18.25005	-1.75	0.	Yes	18.25005
714	GLOBAL	Cartesian	17.35005	0.05	-2.	Yes	17.35005
715	GLOBAL	Cartesian	17.35005	0.05	-3.	Yes	17.35005
716	GLOBAL	Cartesian	17.35005	0.05	-4.	Yes	17.35005
717	GLOBAL	Cartesian	17.35005	0.05	-5.	Yes	17.35005
718	GLOBAL	Cartesian	17.35005	0.05	-6.	Yes	17.35005
719	GLOBAL	Cartesian	17.35005	0.05	-7.	Yes	17.35005
720	GLOBAL	Cartesian	17.35005	0.05	-8.	Yes	17.35005
721	GLOBAL	Cartesian	17.35005	0.05	-9.	Yes	17.35005
722	GLOBAL	Cartesian	17.35005	0.05	-10.	Yes	17.35005
723	GLOBAL	Cartesian	17.35005	0.05	-11.	Yes	17.35005
724	GLOBAL	Cartesian	17.35005	0.05	-12.	Yes	17.35005
729	GLOBAL	Cartesian	17.35005	0.05	-13.	Yes	17.35005
730	GLOBAL	Cartesian	17.35005	-0.85	-2.	Yes	17.35005

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
731	GLOBAL	Cartesian	17.35005	-0.85	-3.	Yes	17.35005
732	GLOBAL	Cartesian	17.35005	-0.85	-4.	Yes	17.35005
733	GLOBAL	Cartesian	17.35005	-0.85	-5.	Yes	17.35005
734	GLOBAL	Cartesian	17.35005	-0.85	-6.	Yes	17.35005
735	GLOBAL	Cartesian	17.35005	-0.85	-7.	Yes	17.35005
736	GLOBAL	Cartesian	17.35005	-0.85	-8.	Yes	17.35005
737	GLOBAL	Cartesian	17.35005	-0.85	-9.	Yes	17.35005
738	GLOBAL	Cartesian	17.35005	-0.85	-10.	Yes	17.35005
739	GLOBAL	Cartesian	17.35005	-0.85	-11.	Yes	17.35005
740	GLOBAL	Cartesian	17.35005	-0.85	-12.	Yes	17.35005
745	GLOBAL	Cartesian	17.35005	-0.85	-13.	Yes	17.35005
746	GLOBAL	Cartesian	17.35005	-1.75	-2.	Yes	17.35005
747	GLOBAL	Cartesian	17.35005	-1.75	-3.	Yes	17.35005
748	GLOBAL	Cartesian	17.35005	-1.75	-4.	Yes	17.35005
749	GLOBAL	Cartesian	17.35005	-1.75	-5.	Yes	17.35005
750	GLOBAL	Cartesian	17.35005	-1.75	-6.	Yes	17.35005
751	GLOBAL	Cartesian	17.35005	-1.75	-7.	Yes	17.35005
752	GLOBAL	Cartesian	17.35005	-1.75	-8.	Yes	17.35005
753	GLOBAL	Cartesian	17.35005	-1.75	-9.	Yes	17.35005
754	GLOBAL	Cartesian	17.35005	-1.75	-10.	Yes	17.35005
755	GLOBAL	Cartesian	17.35005	-1.75	-11.	Yes	17.35005
756	GLOBAL	Cartesian	17.35005	-1.75	-12.	Yes	17.35005
761	GLOBAL	Cartesian	17.35005	-1.75	-13.	Yes	17.35005
762	GLOBAL	Cartesian	17.35005	0.05	-1.	Yes	17.35005
763	GLOBAL	Cartesian	17.35005	-0.85	-1.	Yes	17.35005
764	GLOBAL	Cartesian	17.35005	-1.75	-1.	Yes	17.35005
765	GLOBAL	Cartesian	17.35005	0.05	0.	Yes	17.35005
766	GLOBAL	Cartesian	17.35005	-0.85	0.	Yes	17.35005
767	GLOBAL	Cartesian	17.35005	-1.75	0.	Yes	17.35005
768	GLOBAL	Cartesian	18.25005	0.05	-4.88284	Yes	18.25005
770	GLOBAL	Cartesian	17.35005	-0.83154	-1.	No	17.35005
771	GLOBAL	Cartesian	0.45005	-0.83154	-2.	No	0.45005
772	GLOBAL	Cartesian	17.35005	-0.83154	-2.	No	17.35005
773	GLOBAL	Cartesian	16.35	0.95	0.	No	16.35
774	GLOBAL	Cartesian	16.35005	0.05	0.	No	16.35005
775	GLOBAL	Cartesian	15.35	0.95	0.	No	15.35
776	GLOBAL	Cartesian	15.35005	0.05	0.	No	15.35005
777	GLOBAL	Cartesian	14.35	0.95	0.	No	14.35
778	GLOBAL	Cartesian	14.35005	0.05	0.	No	14.35005
779	GLOBAL	Cartesian	13.35	0.95	0.	No	13.35
780	GLOBAL	Cartesian	13.35005	0.05	0.	No	13.35005
781	GLOBAL	Cartesian	12.35	0.95	0.	No	12.35
782	GLOBAL	Cartesian	12.35005	0.05	0.	No	12.35005
783	GLOBAL	Cartesian	11.35	0.95	0.	No	11.35
784	GLOBAL	Cartesian	11.35005	0.05	0.	No	11.35005
785	GLOBAL	Cartesian	10.35	0.95	0.	No	10.35
786	GLOBAL	Cartesian	10.35005	0.05	0.	No	10.35005
787	GLOBAL	Cartesian	9.35	0.95	0.	No	9.35
788	GLOBAL	Cartesian	9.35005	0.05	0.	No	9.35005
789	GLOBAL	Cartesian	8.35	0.95	0.	No	8.35
790	GLOBAL	Cartesian	8.35005	0.05	0.	No	8.35005
791	GLOBAL	Cartesian	7.35	0.95	0.	No	7.35
792	GLOBAL	Cartesian	7.35005	0.05	0.	No	7.35005
793	GLOBAL	Cartesian	6.35	0.95	0.	No	6.35



Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
794	GLOBAL	Cartesian	6.35005	0.05	0.	No	6.35005
795	GLOBAL	Cartesian	5.35	0.95	0.	No	5.35
796	GLOBAL	Cartesian	5.35005	0.05	0.	No	5.35005
797	GLOBAL	Cartesian	4.35	0.95	0.	No	4.35
798	GLOBAL	Cartesian	4.35005	0.05	0.	No	4.35005
799	GLOBAL	Cartesian	3.35	0.95	0.	No	3.35
800	GLOBAL	Cartesian	3.35005	0.05	0.	No	3.35005
801	GLOBAL	Cartesian	2.35	0.95	0.	No	2.35
802	GLOBAL	Cartesian	2.35005	0.05	0.	No	2.35005
803	GLOBAL	Cartesian	16.35	2.05	0.	No	16.35
804	GLOBAL	Cartesian	15.35	2.05	0.	No	15.35
805	GLOBAL	Cartesian	14.35	2.05	0.	No	14.35
806	GLOBAL	Cartesian	13.35	2.05	0.	No	13.35
807	GLOBAL	Cartesian	12.35	2.05	0.	No	12.35
808	GLOBAL	Cartesian	11.35	2.05	0.	No	11.35
809	GLOBAL	Cartesian	10.35	2.05	0.	No	10.35
810	GLOBAL	Cartesian	9.35	2.05	0.	No	9.35
811	GLOBAL	Cartesian	8.35	2.05	0.	No	8.35
812	GLOBAL	Cartesian	7.35	2.05	0.	No	7.35
813	GLOBAL	Cartesian	6.35	2.05	0.	No	6.35
814	GLOBAL	Cartesian	5.35	2.05	0.	No	5.35
815	GLOBAL	Cartesian	4.35	2.05	0.	No	4.35
816	GLOBAL	Cartesian	3.35	2.05	0.	No	3.35
817	GLOBAL	Cartesian	2.35	2.05	0.	No	2.35
818	GLOBAL	Cartesian	16.35	3.15	0.	No	16.35
819	GLOBAL	Cartesian	15.35	3.15	0.	No	15.35
820	GLOBAL	Cartesian	14.35	3.15	0.	No	14.35
821	GLOBAL	Cartesian	13.35	3.15	0.	No	13.35
822	GLOBAL	Cartesian	12.35	3.15	0.	No	12.35
823	GLOBAL	Cartesian	11.35	3.15	0.	No	11.35
824	GLOBAL	Cartesian	10.35	3.15	0.	No	10.35
825	GLOBAL	Cartesian	9.35	3.15	0.	No	9.35
826	GLOBAL	Cartesian	8.35	3.15	0.	No	8.35
827	GLOBAL	Cartesian	7.35	3.15	0.	No	7.35
828	GLOBAL	Cartesian	6.35	3.15	0.	No	6.35
829	GLOBAL	Cartesian	5.35	3.15	0.	No	5.35
830	GLOBAL	Cartesian	4.35	3.15	0.	No	4.35
831	GLOBAL	Cartesian	3.35	3.15	0.	No	3.35
832	GLOBAL	Cartesian	2.35	3.15	0.	No	2.35
833	GLOBAL	Cartesian	16.35	4.25	0.	No	16.35
834	GLOBAL	Cartesian	15.35	4.25	0.	No	15.35
835	GLOBAL	Cartesian	14.35	4.25	0.	No	14.35
836	GLOBAL	Cartesian	13.35	4.25	0.	No	13.35
837	GLOBAL	Cartesian	12.35	4.25	0.	No	12.35
838	GLOBAL	Cartesian	11.35	4.25	0.	No	11.35
839	GLOBAL	Cartesian	10.35	4.25	0.	No	10.35
840	GLOBAL	Cartesian	9.35	4.25	0.	No	9.35
841	GLOBAL	Cartesian	8.35	4.25	0.	No	8.35
842	GLOBAL	Cartesian	7.35	4.25	0.	No	7.35
843	GLOBAL	Cartesian	6.35	4.25	0.	No	6.35
844	GLOBAL	Cartesian	5.35	4.25	0.	No	5.35
845	GLOBAL	Cartesian	4.35	4.25	0.	No	4.35
846	GLOBAL	Cartesian	3.35	4.25	0.	No	3.35
847	GLOBAL	Cartesian	2.35	4.25	0.	No	2.35

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
848	GLOBAL	Cartesian	16.35	5.35	0.	No	16.35
849	GLOBAL	Cartesian	15.35	5.35	0.	No	15.35
850	GLOBAL	Cartesian	14.35	5.35	0.	No	14.35
851	GLOBAL	Cartesian	13.35	5.35	0.	No	13.35
852	GLOBAL	Cartesian	12.35	5.35	0.	No	12.35
853	GLOBAL	Cartesian	11.35	5.35	0.	No	11.35
854	GLOBAL	Cartesian	10.35	5.35	0.	No	10.35
855	GLOBAL	Cartesian	9.35	5.35	0.	No	9.35
856	GLOBAL	Cartesian	8.35	5.35	0.	No	8.35
857	GLOBAL	Cartesian	7.35	5.35	0.	No	7.35
858	GLOBAL	Cartesian	6.35	5.35	0.	No	6.35
859	GLOBAL	Cartesian	5.35	5.35	0.	No	5.35
860	GLOBAL	Cartesian	4.35	5.35	0.	No	4.35
861	GLOBAL	Cartesian	3.35	5.35	0.	No	3.35
862	GLOBAL	Cartesian	2.35	5.35	0.	No	2.35
863	GLOBAL	Cartesian	16.35	6.45	0.	No	16.35
864	GLOBAL	Cartesian	15.35	6.45	0.	No	15.35
865	GLOBAL	Cartesian	14.35	6.45	0.	No	14.35
866	GLOBAL	Cartesian	13.35	6.45	0.	No	13.35
867	GLOBAL	Cartesian	12.35	6.45	0.	No	12.35
868	GLOBAL	Cartesian	11.35	6.45	0.	No	11.35
869	GLOBAL	Cartesian	10.35	6.45	0.	No	10.35
870	GLOBAL	Cartesian	9.35	6.45	0.	No	9.35
871	GLOBAL	Cartesian	8.35	6.45	0.	No	8.35
872	GLOBAL	Cartesian	7.35	6.45	0.	No	7.35
873	GLOBAL	Cartesian	6.35	6.45	0.	No	6.35
874	GLOBAL	Cartesian	5.35	6.45	0.	No	5.35
875	GLOBAL	Cartesian	4.35	6.45	0.	No	4.35
876	GLOBAL	Cartesian	3.35	6.45	0.	No	3.35
877	GLOBAL	Cartesian	2.35	6.45	0.	No	2.35
878	GLOBAL	Cartesian	16.35	7.55	0.	No	16.35
879	GLOBAL	Cartesian	15.35	7.55	0.	No	15.35
880	GLOBAL	Cartesian	14.35	7.55	0.	No	14.35
881	GLOBAL	Cartesian	13.35	7.55	0.	No	13.35
882	GLOBAL	Cartesian	12.35	7.55	0.	No	12.35
883	GLOBAL	Cartesian	11.35	7.55	0.	No	11.35
884	GLOBAL	Cartesian	10.35	7.55	0.	No	10.35
885	GLOBAL	Cartesian	9.35	7.55	0.	No	9.35
886	GLOBAL	Cartesian	8.35	7.55	0.	No	8.35
887	GLOBAL	Cartesian	7.35	7.55	0.	No	7.35
888	GLOBAL	Cartesian	6.35	7.55	0.	No	6.35
889	GLOBAL	Cartesian	5.35	7.55	0.	No	5.35
890	GLOBAL	Cartesian	4.35	7.55	0.	No	4.35
891	GLOBAL	Cartesian	3.35	7.55	0.	No	3.35
892	GLOBAL	Cartesian	2.35	7.55	0.	No	2.35
893	GLOBAL	Cartesian	16.35	8.65	0.	No	16.35
894	GLOBAL	Cartesian	15.35	8.65	0.	No	15.35
895	GLOBAL	Cartesian	14.35	8.65	0.	No	14.35
896	GLOBAL	Cartesian	13.35	8.65	0.	No	13.35
897	GLOBAL	Cartesian	12.35	8.65	0.	No	12.35
898	GLOBAL	Cartesian	11.35	8.65	0.	No	11.35
899	GLOBAL	Cartesian	10.35	8.65	0.	No	10.35
900	GLOBAL	Cartesian	9.35	8.65	0.	No	9.35
901	GLOBAL	Cartesian	8.35	8.65	0.	No	8.35

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
902	GLOBAL	Cartesian	7.35	8.65	0.	No	7.35
903	GLOBAL	Cartesian	6.35	8.65	0.	No	6.35
904	GLOBAL	Cartesian	5.35	8.65	0.	No	5.35
905	GLOBAL	Cartesian	4.35	8.65	0.	No	4.35
906	GLOBAL	Cartesian	3.35	8.65	0.	No	3.35
907	GLOBAL	Cartesian	2.35	8.65	0.	No	2.35
908	GLOBAL	Cartesian	16.35	9.75	0.	No	16.35
909	GLOBAL	Cartesian	15.35	9.75	0.	No	15.35
910	GLOBAL	Cartesian	14.35	9.75	0.	No	14.35
911	GLOBAL	Cartesian	13.35	9.75	0.	No	13.35
912	GLOBAL	Cartesian	12.35	9.75	0.	No	12.35
913	GLOBAL	Cartesian	11.35	9.75	0.	No	11.35
914	GLOBAL	Cartesian	10.35	9.75	0.	No	10.35
915	GLOBAL	Cartesian	9.35	9.75	0.	No	9.35
916	GLOBAL	Cartesian	8.35	9.75	0.	No	8.35
917	GLOBAL	Cartesian	7.35	9.75	0.	No	7.35
918	GLOBAL	Cartesian	6.35	9.75	0.	No	6.35
919	GLOBAL	Cartesian	5.35	9.75	0.	No	5.35
920	GLOBAL	Cartesian	4.35	9.75	0.	No	4.35
921	GLOBAL	Cartesian	3.35	9.75	0.	No	3.35
922	GLOBAL	Cartesian	2.35	9.75	0.	No	2.35
923	GLOBAL	Cartesian	16.35	10.85	0.	No	16.35
924	GLOBAL	Cartesian	15.35	10.85	0.	No	15.35
925	GLOBAL	Cartesian	14.35	10.85	0.	No	14.35
926	GLOBAL	Cartesian	13.35	10.85	0.	No	13.35
927	GLOBAL	Cartesian	12.35	10.85	0.	No	12.35
928	GLOBAL	Cartesian	11.35	10.85	0.	No	11.35
929	GLOBAL	Cartesian	10.35	10.85	0.	No	10.35
930	GLOBAL	Cartesian	9.35	10.85	0.	No	9.35
931	GLOBAL	Cartesian	8.35	10.85	0.	No	8.35
932	GLOBAL	Cartesian	7.35	10.85	0.	No	7.35
933	GLOBAL	Cartesian	6.35	10.85	0.	No	6.35
934	GLOBAL	Cartesian	5.35	10.85	0.	No	5.35
935	GLOBAL	Cartesian	4.35	10.85	0.	No	4.35
936	GLOBAL	Cartesian	3.35	10.85	0.	No	3.35
937	GLOBAL	Cartesian	2.35	10.85	0.	No	2.35
938	GLOBAL	Cartesian	16.35	11.95	0.	No	16.35
939	GLOBAL	Cartesian	15.35	11.95	0.	No	15.35
940	GLOBAL	Cartesian	14.35	11.95	0.	No	14.35
941	GLOBAL	Cartesian	13.35	11.95	0.	No	13.35
942	GLOBAL	Cartesian	12.35	11.95	0.	No	12.35
943	GLOBAL	Cartesian	11.35	11.95	0.	No	11.35
944	GLOBAL	Cartesian	10.35	11.95	0.	No	10.35
945	GLOBAL	Cartesian	9.35	11.95	0.	No	9.35
946	GLOBAL	Cartesian	8.35	11.95	0.	No	8.35
947	GLOBAL	Cartesian	7.35	11.95	0.	No	7.35
948	GLOBAL	Cartesian	6.35	11.95	0.	No	6.35
949	GLOBAL	Cartesian	5.35	11.95	0.	No	5.35
950	GLOBAL	Cartesian	4.35	11.95	0.	No	4.35
951	GLOBAL	Cartesian	3.35	11.95	0.	No	3.35
952	GLOBAL	Cartesian	2.35	11.95	0.	No	2.35
953	GLOBAL	Cartesian	16.35	13.05	0.	No	16.35
954	GLOBAL	Cartesian	15.35	13.05	0.	No	15.35
955	GLOBAL	Cartesian	14.35	13.05	0.	No	14.35

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR m	Y m	Z m	SpecialJt	GlobalX m
956	GLOBAL	Cartesian	13.35	13.05	0.	No	13.35
957	GLOBAL	Cartesian	12.35	13.05	0.	No	12.35
958	GLOBAL	Cartesian	11.35	13.05	0.	No	11.35
959	GLOBAL	Cartesian	10.35	13.05	0.	No	10.35
960	GLOBAL	Cartesian	9.35	13.05	0.	No	9.35
961	GLOBAL	Cartesian	8.35	13.05	0.	No	8.35
962	GLOBAL	Cartesian	7.35	13.05	0.	No	7.35
963	GLOBAL	Cartesian	6.35	13.05	0.	No	6.35
964	GLOBAL	Cartesian	5.35	13.05	0.	No	5.35
965	GLOBAL	Cartesian	4.35	13.05	0.	No	4.35
966	GLOBAL	Cartesian	3.35	13.05	0.	No	3.35
967	GLOBAL	Cartesian	2.35	13.05	0.	No	2.35
968	GLOBAL	Cartesian	16.35005	-0.85	0.	No	16.35005
969	GLOBAL	Cartesian	16.35005	-1.75	0.	No	16.35005
970	GLOBAL	Cartesian	15.35005	-0.85	0.	No	15.35005
971	GLOBAL	Cartesian	15.35005	-1.75	0.	No	15.35005
972	GLOBAL	Cartesian	14.35005	-0.85	0.	No	14.35005
973	GLOBAL	Cartesian	14.35005	-1.75	0.	No	14.35005
974	GLOBAL	Cartesian	13.35005	-0.85	0.	No	13.35005
975	GLOBAL	Cartesian	13.35005	-1.75	0.	No	13.35005
976	GLOBAL	Cartesian	12.35005	-0.85	0.	No	12.35005
977	GLOBAL	Cartesian	12.35005	-1.75	0.	No	12.35005
978	GLOBAL	Cartesian	11.35005	-0.85	0.	No	11.35005
979	GLOBAL	Cartesian	11.35005	-1.75	0.	No	11.35005
980	GLOBAL	Cartesian	10.35005	-0.85	0.	No	10.35005
981	GLOBAL	Cartesian	10.35005	-1.75	0.	No	10.35005
982	GLOBAL	Cartesian	9.35005	-0.85	0.	No	9.35005
983	GLOBAL	Cartesian	9.35005	-1.75	0.	No	9.35005
984	GLOBAL	Cartesian	8.35005	-0.85	0.	No	8.35005
985	GLOBAL	Cartesian	8.35005	-1.75	0.	No	8.35005
986	GLOBAL	Cartesian	7.35005	-0.85	0.	No	7.35005
987	GLOBAL	Cartesian	7.35005	-1.75	0.	No	7.35005
988	GLOBAL	Cartesian	6.35005	-0.85	0.	No	6.35005
989	GLOBAL	Cartesian	6.35005	-1.75	0.	No	6.35005
990	GLOBAL	Cartesian	5.35005	-0.85	0.	No	5.35005
991	GLOBAL	Cartesian	5.35005	-1.75	0.	No	5.35005
992	GLOBAL	Cartesian	4.35005	-0.85	0.	No	4.35005
993	GLOBAL	Cartesian	4.35005	-1.75	0.	No	4.35005
994	GLOBAL	Cartesian	3.35005	-0.85	0.	No	3.35005
995	GLOBAL	Cartesian	3.35005	-1.75	0.	No	3.35005
996	GLOBAL	Cartesian	2.35005	-0.85	0.	No	2.35005
997	GLOBAL	Cartesian	2.35005	-1.75	0.	No	2.35005
998	GLOBAL	Cartesian	18.25005	-0.85	-13.	No	18.25005
999	GLOBAL	Cartesian	18.25005	-1.75	-13.	No	18.25005

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
1	2.05	0.	e2f7b468-64d7-4bf8-bd1a-22d03a763539
2	2.05	-1.	cc0cb63c-6180-4ec5-96e6-7f9ca885d28b
3	2.05	-2.	83f33cc4-67a5-45eb-b7c3-9f7ae79beb85

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY	GlobalZ	GUID
	m	m	
4	2.05	-3.	53163cdf-db90-4cc1-8796-e91894dc3b6f
5	2.05	-4.	3cadb101-5a14-4632-b8d4-8de278795c81
6	2.05	-5.	4cfb210f-21b0-4984-a6a1-ae5f0ba8e58f
7	2.05	-6.	2568ed22-8a29-4a4d-a5c8-3b5fc36bc2d2
8	2.05	-7.	26102328-8de9-4f15-ab0e-3cef2ca73ad0
9	2.05	-8.	ffa169f7-c528-4f11-b8ed-c0f10765efa2
10	2.05	-9.	e7b34a06-164c-4a2a-812e-4d24b5efc73f
11	2.05	-10.	944f9ac7-f59d-448f-bf2b-b9c1ab9188b7
12	2.05	-11.	0dad1bf-165b-4b10-a3e9-74df6547ff25
13	2.05	-12.	284253da-7e13-44f6-8013-b405ebd5eb9a
14	0.95	0.	2410ee3a-cb40-4da3-8315-a2d57cde740c
15	2.05	-13.	1f3471e6-8bab-449e-ab9b-62e344b91ab1
16	2.05	-14.	ea90e63d-f027-4167-b533-2d2b00097bd4
17	2.05	-15.	f17e53a9-ed1e-48d0-9690-572a9c11a4a1
18	2.05	-16.	06229f13-20cc-48b5-82cf-8b9e73b5c39e
28	2.05	-17.	560bc67e-a94e-4809-9758-9e7a6a096749
29	3.15	0.	da58b5b4-3fb7-4922-a161-3b34fbf30505
30	3.15	-1.	bf9d551e-4720-4c01-98f5-e917ed836089
31	3.15	-2.	c0e5988a-c93f-4306-b918-0e982b652a4f
32	3.15	-3.	370f5014-816a-4f10-bee6-7b524ecf62ea
33	3.15	-4.	4950e4c1-71e8-426b-b8f5-980b15122bf8
34	3.15	-5.	bb15ff99-a95a-4c68-9420-5860ed419acf
35	3.15	-6.	181544fa-e0a2-417c-a97c-da37bf23673a
36	3.15	-7.	a5e5381f-872b-4cb2-8b90-18771e944603
37	3.15	-8.	082f23e6-4106-4871-ae6a-e25aac9faf00
38	3.15	-9.	0f6395f2-a398-47e7-bf66-1a9f83d25028
39	3.15	-10.	0b7d8389-4680-410e-988e-9bb94e8272f7
40	3.15	-11.	4deb2c68-63f1-489b-8c1e-84268742d322
41	3.15	-12.	0dfe82e8-d202-4fa1-8efc-5466b40365b9
42	3.15	-13.	4821aa2a-9f7d-418e-af24-dce2b9c59f17
43	3.15	-14.	4039aeb8-d24a-4cfd-b99e-d85236dfe2d7
44	3.15	-15.	71927841-c904-42cf-bc77-8ccf9d2bc3b1
45	3.15	-16.	655dff17-d938-42d7-bdd3-8517bc7075a7
55	3.15	-17.	2b8c669b-5977-4e56-9f74-0e73fc626ec9
56	4.25	0.	4e8f32bf-049e-4755-be7b-85357303de6c
57	4.25	-1.	c0671807-ad81-4acf-9c75-201b8f1d87c5
58	4.25	-2.	5854954f-3eda-447b-8eb9-2dc2a1aed12f
59	4.25	-3.	77efb3ea-e392-4e88-b817-d43c844b3727
60	4.25	-4.	48fd6019-75fa-4391-a17f-76d6d90a932b
61	4.25	-5.	45f09021-a8a8-45fa-bd12-b6b550179629
62	4.25	-6.	2f16024e-cd41-44b0-baa9-6c2aabbacec5
63	4.25	-7.	c8cec693-96da-4603-97b5-c79695a5654a
64	4.25	-8.	413fec8f-5ff4-412f-91dc-a54617d523bd
65	4.25	-9.	465b3e31-5e0a-49a3-ae3a-fefc3545b396
66	4.25	-10.	29179c9d-c11b-4719-b483-c138d2e28ec5
67	4.25	-11.	ea253f57-95bd-4d69-a59e-1d12c1996fcf
68	4.25	-12.	5267cf43-2ab7-4a98-b7ee-607ff575feef
69	4.25	-13.	ea932ae1-a93d-4088-8bcc-65298cc0d9fa
70	4.25	-14.	d51ffd6a-599d-46f8-8513-979287d1e5ad
71	4.25	-15.	6ebb68c2-1bb2-4831-89a5-aecd287850b3
72	4.25	-16.	5f801a69-9d14-4119-812a-b021bb4aedc7
82	4.25	-17.	82efa811-fd3b-4d1d-bc7f-9140fa48d19e
83	5.35	0.	704c636a-abfd-4834-ad8f-d1ec1027be97
84	5.35	-1.	baba1bf1-700b-44f6-add2-261935d31943

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY	GlobalZ	GUID
	m	m	
85	5.35	-2.	f2595ebc-8c3e-423f-81ae-b464b4623b0a
86	5.35	-3.	d12da0a4-30a1-4c0d-b10c-9ed9aaf72164
87	5.35	-4.	e100b67c-15c8-4215-a256-f945946d6d3b
88	5.35	-5.	ba00c327-cae4-4f82-a78e-c83ade8df4c1
89	5.35	-6.	1d60d69d-0283-4be1-b296-d8fc0c37df08
90	5.35	-7.	69f351e5-adda-4b4f-83b6-6b4baa52db79
91	5.35	-8.	1e113983-7bf0-4e3f-9f28-7edc7330aab6
92	5.35	-9.	aa77a264-2b80-4f63-b44a-201138424af1
93	5.35	-10.	f150023b-0bfe-46c5-bdc6-a621e4e4f0b3
94	5.35	-11.	675f41b7-73e5-4846-8de9-1c6f250e765d
95	5.35	-12.	438b2d67-3f92-4533-a1e2-b6636540f95e
96	5.35	-13.	4b337e62-cf91-4e21-9b7a-4392d940f91d
97	5.35	-14.	427bcbe3-9101-4cea-ac57-779e7c27fd3c
98	5.35	-15.	b242d1eb-2e8e-4a0a-aafe-8cf35ed33d8d
99	5.35	-16.	96793739-9b8c-4fdb-abd3-7f5c8284d6e6
109	5.35	-17.	315504d6-9fde-4257-9920-d03ff7e91b94
110	6.45	0.	3750a8c3-2984-4c14-bec3-063c85071958
111	6.45	-1.	b89759b7-e14a-40fb-989b-386cb45696a8
112	6.45	-2.	82ee875a-77cd-4425-a338-a966152e4cec
113	6.45	-3.	ae8988ae-59ac-4c57-98c9-463f8cf1db1d
114	6.45	-4.	50f87499-c377-4b9e-953f-533ea1a326b2
115	0.95	-1.	40ce7799-8860-480f-8859-7e2a4d82a9bb
116	0.95	-2.	e570212f-453c-419d-998d-89e61b82ad06
117	0.95	-3.	e735c838-e3e9-4f4f-ae0e-adf90e3eeb87
118	0.95	-4.	18be6a8c-e950-49c9-8eb5-cf3d26dc3bd2
119	0.95	-5.	5056b06a-69ce-4474-93bd-8f5f29913f83
120	0.95	-6.	b520dc35-9cbb-4d9a-8a4d-4e86bce22232
121	0.95	-7.	5f15d450-eb72-4f57-bda3-0db96b394877
122	0.95	-8.	8a883fa4-0b4c-4208-960b-2df623456174
123	0.95	-9.	867d3d90-7993-4d9b-a98b-cb842c144eb1
124	0.95	-10.	fc27d877-ad1e-4efe-942f-d200aad91b77
125	0.95	-11.	742ee4c0-fe2b-4ee9-b3eb-460da2b8548a
126	0.95	-12.	5566c672-76d9-42f3-b661-c76e3131b97d
127	0.95	-13.	6ba20a08-84b1-492c-af70-66b1551393d9
128	0.95	-14.	0a8de49c-204c-4e35-b7cc-857b3b04b652
129	0.95	-15.	fdddf595-3bcb-47fa-b4ad-33c22cddfa11
130	0.95	-16.	699cbad8-d4e4-473d-80da-d93012c87100
140	0.95	-17.	53ebf52e-74fe-474c-b2ff-7a94abf87629
141	6.45	-5.	4bf9d718-bc5c-41c1-9e44-f3ef41d3afa7
142	6.45	-6.	54cd0eb2-0d48-4657-acc9-a3c0ae2bc74e
143	6.45	-7.	ccb180be-678b-44ee-9468-7f71effd692b
144	6.45	-8.	a8ece441-b205-47c1-8ad4-cc5eb4f20272
145	6.45	-9.	0ad8fd8c-9226-4d72-88b5-8c59a5c4f978
146	6.45	-10.	459e190b-7b73-4bfa-beb6-313fbb8dc04b
147	6.45	-11.	b1aee3a3-de06-44c1-9554-bcbede1d7454
148	6.45	-12.	cdd204d0-aef3-41b7-b31f-0c24ab82aee6
149	6.45	-13.	3c914529-36e0-4c78-bb3d-4ddce50dfbd6
150	6.45	-14.	d05370e1-bb4a-4f8b-a98e-10b23c75b6e3
151	6.45	-15.	8b42765a-5fd3-4241-a6df-dbe067d3f61b
152	6.45	-16.	360a6578-35e7-4994-84d8-f611edae06aa
162	6.45	-17.	578969ad-07c5-43ab-a5ed-12e8aeb5da3b
163	7.55	0.	54755f4b-3b26-4914-a09b-668cdaceb4ec
164	7.55	-1.	88c278e3-0b8a-4962-a7bb-85470e05e2a7
165	7.55	-2.	56b06c0e-f6e2-4efe-9d4e-e76be2128c98

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
166	7.55	-3.	3863121b-2848-4bec-b65e-19692879a582
167	7.55	-4.	205b4e76-1ba4-46d2-bf87-45b213280067
168	7.55	-5.	686aebc1-bb4a-4d26-a15f-0eabdc3fc0e8
169	7.55	-6.	c1d7a9ba-b47c-42da-8bd4-825887ed83e9
170	7.55	-7.	b9877470-b822-4e79-a117-f352d1899fb3
171	7.55	-8.	27de3522-53e2-41e0-a51e-9adb89833972
172	7.55	-9.	f946553b-1921-4a36-a864-7a363d25f186
173	7.55	-10.	c678c0e6-101b-40ae-b282-5e535f890491
174	7.55	-11.	7d74cb38-b1b5-41fb-bb5d-2c67daaa4a96
175	7.55	-12.	ea9ee90b-5e22-4fb6-b17b-0b2b739f8df0
176	7.55	-13.	89b89579-f617-4ac3-b21a-32ecd490c0db
177	7.55	-14.	fec1f51c-ffb3-482a-a4f2-54d3eaa23a86
178	7.55	-15.	dad64634-a3e4-45e0-ae98-d2e731ff41fc
179	7.55	-16.	c291d994-4388-4348-88c1-463f228f43a3
189	7.55	-17.	45f848f2-2fbd-40bd-b8d1-7101897b4e04
190	8.65	0.	1050e0e2-113e-43d4-af87-3cc680fac179
191	8.65	-1.	eea8c341-8ddd-4ea2-a0c3-e32e408d9037
192	8.65	-2.	21de0272-7bd7-4755-a5ad-b85f0b995361
193	8.65	-3.	ddcbd692-a32a-46c8-acbd-4d6073b12bf8
194	8.65	-4.	0d364ed4-072c-4261-b894-6744526a5011
195	8.65	-5.	3e397fb0-0646-4131-907e-583af43271e6
196	8.65	-6.	2cba4972-6c50-41b2-939b-2bd98ef6e2c2
197	8.65	-7.	ba3c4cd5-dac6-4122-bb77-54c3e8d62cb2
198	8.65	-8.	30a88aae-cd0b-4704-a16c-de9b02785a17
199	8.65	-9.	a9d706d8-80b8-4ac5-9f6b-5b05e81a85e7
200	8.65	-10.	e0f12e6d-44fa-400c-b680-7651a05f392a
201	8.65	-11.	cc25eb52-3c37-469f-84b1-adebe9b24735
202	8.65	-12.	99cb437d-f809-415b-9fb2-0f9f27b5a01d
203	8.65	-13.	c72cefa9-0fc3-4858-930e-2ea24972352d
204	8.65	-14.	b0003bdf-c021-4727-b274-2134109fb731
205	8.65	-15.	9fada61c-1b67-4d5f-a513-1e0810ff5654
206	8.65	-16.	c292cd03-764d-4ce8-b3d7-a62735bfbe1e
216	8.65	-17.	a75f07eb-eeb2-4122-a1c5-d2ebe72b07c6
217	9.75	0.	43658334-2dc6-4b5c-810e-83d399aae193
218	9.75	-1.	a049acc7-4b57-403d-b361-c2c54646974d
219	9.75	-2.	a85d3d9a-eab4-423c-b596-0078f8886c9e
220	9.75	-3.	93aaf4e5-a828-4406-9203-5c6f8f9e8554
221	9.75	-4.	833ce414-aac1-4fb5-aafb-b9fa392f172d
222	9.75	-5.	9323ac67-e78c-4849-8626-1910f2ffe629
223	9.75	-6.	a91fe7f3-0205-4b76-ab3a-21742b28942b
224	9.75	-7.	f58631ad-0938-4247-83af-eaeaa3a212d2
225	9.75	-8.	63a3b240-f9f0-4fa0-981c-843cc6964df1
226	9.75	-9.	eb78a381-73c1-433e-baa0-a66dd46bd01c
227	9.75	-10.	4538da8a-7f1f-4585-9356-f3fabb13273c
228	9.75	-11.	d73701b9-28f6-4a51-bb8c-ab7fa43f7ac8
229	9.75	-12.	777b0041-aa8e-4666-b576-46bf89901600
230	9.75	-13.	aa106cfe-1091-4a7f-b682-7f2e58549c29
231	9.75	-14.	cef7feed-e663-4bbb-a8db-a65c9b42ae93
232	9.75	-15.	100d764b-b3cb-4ab5-87a9-377bf95467a5
233	9.75	-16.	fa3c58df-eec2-4912-b9b6-dfbd70f88be9
243	9.75	-17.	d94fd493-d920-4b2c-9b98-d54bf943d170
244	10.85	0.	7dc080b3-e2af-47d0-968a-080dac048994
245	10.85	-1.	b0e11131-1c5b-45eb-bb32-5023e2b4fef0
246	10.85	-2.	ae41e2d7-6187-45a8-95a5-e7e8c68a88be

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
247	10.85	-3.	9cf78c02-31fa-4f51-9b80-fb26c8a7932b
248	10.85	-4.	1483f445-251a-4b1f-8205-a0e910d02b89
249	10.85	-5.	1305dcef-bd62-4110-aa61-184e53090847
250	10.85	-6.	6d34633c-154f-4b53-86fa-fb8f53a65986
251	10.85	-7.	68a5ecd7-79ae-4b31-92e0-769c365a4ea6
252	10.85	-8.	a96725eb-856e-4213-9355-053b8a6234ed
253	10.85	-9.	4e9db279-f08f-43ec-b5ce-89d7833e8595
254	10.85	-10.	170f1799-9bf3-4c5b-bd6d-5321a83f7b8d
255	10.85	-11.	fe79656e-20a1-45ae-a2ca-b15eb5357fcb
256	10.85	-12.	deb5d0a9-8d4e-4739-89ce-3476aa6d3d86
257	10.85	-13.	48a2c2dc-8f21-4c81-a105-8bca72fee2ae
258	10.85	-14.	73e847a6-5099-4f20-a7e4-6ce1d3e65a86
259	10.85	-15.	6206c3ef-f0e9-4fd0-acda-1914f3826dfd
260	10.85	-16.	97df7b9b-1073-46f0-9e02-db43adbeee28
270	10.85	-17.	a396094f-dc43-43fa-970a-d30b6efdd47e
271	11.95	0.	646bfe73-7933-4e25-a01a-7b839a59b2d2
272	11.95	-1.	30cd0f0f-7dcd-40ef-b82a-f83db69ad930
273	11.95	-2.	ef3fd5a0-ef06-4119-a575-32b0cdafdc04
274	11.95	-3.	7420ee34-9314-4285-a1f4-2e57624fce1c
275	11.95	-4.	257f6f02-a046-4bf9-bec4-c558fe04e6c9
276	11.95	-5.	c4a88206-8969-4c2b-a198-737c61980ff6
277	11.95	-6.	dfc3534a-50a7-40a8-aa17-50f258ffc8a3
278	11.95	-7.	5b114073-bf8b-40eb-a672-4f6bfd199231
279	11.95	-8.	3fd2b402-a024-4ec8-98b7-fe2ce07f998c
280	11.95	-9.	94087ad1-094c-4f7f-99a0-e483e5b20ab3
281	11.95	-10.	80836bd0-b5fb-4086-8b14-46187ec163a7
282	11.95	-11.	6d37895b-b492-4d52-804d-d80ab981d0a1
283	11.95	-12.	e0c5b03f-aad8-47cf-b882-89528356bd8f
284	11.95	-13.	22b8f8eb-d1e9-4cd6-a807-127e3246cf02
285	11.95	-14.	5454331a-c017-4a75-ac51-fab560b8a51d
286	11.95	-15.	d9509938-fdaa-464c-bc52-a52d281fe9c2
287	11.95	-16.	0bab655c-9b2e-4703-89af-a8bba9935218
297	11.95	-17.	7a1643f3-b0d5-4714-b857-11b8ccf1b351
298	13.05	0.	8def80dc-d6bd-4849-83b0-0cb1177ab563
299	13.05	-1.	99f85aa9-7241-4800-b3d3-c74391c597eb
300	13.05	-2.	a9ca5975-60be-4dbb-80b0-f403376a0d6f
301	13.05	-3.	46c82a84-92f1-47fe-917e-718b1d690637
302	13.05	-4.	b335a1d8-863a-4397-8782-6bcd4d829a60
303	13.05	-5.	9e910cd1-ad09-4fcd-9737-80c64bbc5e0e
304	13.05	-6.	fe63dd3a-e131-4561-ae96-e77967195eaf
305	13.05	-7.	cfff7c7-3788-40e8-9ad4-45edd7d9ed8a
306	13.05	-8.	36db46a5-6f9f-464a-a365-bce198ac954d
307	13.05	-9.	c0175fc0-95a2-493d-8397-c736c3db79f0
308	13.05	-10.	be3bf092-1c84-44b6-bebf-e81a44b2014d
309	13.05	-11.	bdb265d7-40f9-4572-92d1-a86bbe1f1a0f
310	13.05	-12.	91f4a4d7-2e5d-4346-bbcb-1f0f44062b83
311	13.05	-13.	fa785dbd-5f1f-4100-80b9-0d58aa2700c9
312	13.05	-14.	cacc98b2-5091-48b1-91d9-78effa5d4d84
313	13.05	-15.	3d921709-a35c-4f6f-95e8-8dbc21c2c5b6
314	13.05	-16.	1ccd01f8-94a3-489e-a61e-cd42172a68b2
324	13.05	-17.	2372ebf5-0f8e-4134-9331-e11847b5b114
325	0.95	0.	a9bec74a-749d-449a-8dcf-c9050a95a7ab
326	0.95	-1.	5122bd45-9f14-4ac3-b8ef-90dfbc751e13
327	0.95	-2.	a87dcc0f-e671-4bc7-8cc7-b0a61b6f2bf6



**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY	GlobalZ	GUID
	m	m	
328	0.95	-3.	57b967d4-cf4c-4588-846a-4c1256d7a1b8
329	0.95	-4.	99361b5a-9c13-427f-a7f8-61de84707d4e
330	0.95	-5.	29275750-d2cf-4fbe-8eb2-cc9e290c2d48
331	0.95	-6.	ae244510-bf37-4142-ab6a-866ef0f6e417
332	0.95	-7.	14a89e4e-96f2-4be3-976d-ee5d1f0ee065
333	0.95	-8.	39d10350-7ad7-4559-a5e3-a49c217b9626
334	0.95	-9.	04c6541e-951c-4bac-986f-911e1718d281
335	0.95	-10.	ccd742bb-d098-4d8d-855f-39a15720ea96
336	0.95	-11.	84bc54bb-1800-4ce2-a7f6-6fc2c2de1f1b
337	0.95	-12.	e854400b-91b4-4f00-a74c-1ca4f8b460b5
338	0.95	-13.	e1a95af2-0865-4efd-a215-5e41f8ee7f5b
339	0.95	-14.	88890e05-8024-4ee8-acd1-4fabe5333fc9
340	0.95	-15.	b92482a1-2ca0-431b-a5b3-f5b8b9e06955
341	0.95	-16.	c309027d-4379-4ec5-ad0d-29c4808b4dee
342	0.95	-17.	66029dd3-0be3-4049-9b35-4a8ccd5d810a
343	2.05	0.	0aa7fcb0-f49e-46f6-8974-5e5a2eb5b758
344	2.05	-1.	0893e50d-a945-4f92-a8e9-0eeca0fb682
345	2.05	-2.	30695593-35c6-4529-9004-eb68aa1b16be
346	2.05	-3.	30addbad-684f-4a75-a6d4-35cfc5bea78a
347	2.05	-4.	cfcaf775-545e-4b0a-9c51-3a8c05701119
348	2.05	-5.	86c9196d-04b9-467a-932e-8470de6ea72f
349	2.05	-6.	99051b78-596a-468d-85e9-5bb8129b35d3
350	2.05	-7.	4c35cae3-7194-4efe-aec3-927c672ae821
351	2.05	-8.	1c358d12-adc9-40bd-ab66-2ad0ec7c0d38
352	2.05	-9.	0c4e9791-3e3d-412b-a37f-331227e02dee
353	2.05	-10.	9edc4341-5bca-4d84-a488-e0b3e4312647
354	2.05	-11.	8099203a-bf58-4044-ad5e-01f60f784c83
355	2.05	-12.	5bd02642-7214-4995-8738-28f6360d769b
356	2.05	-13.	243fae35-31ff-4fb5-8a94-fdb3b8056d6e
357	2.05	-14.	fcbb5bb4-5411-4e56-a557-d5cc6c82d39f
358	2.05	-15.	7cabcc021-1590-420c-9fc8-830bd63dfd94
359	2.05	-16.	f6a1e88a-29ca-4a18-9168-17d6b99eafa7
360	2.05	-17.	05767ca3-04e7-4bde-96c5-778dab87c28b
361	3.15	0.	439225d0-8c56-4cb2-bcdd-d2cb579c410b
362	3.15	-1.	d3b49a87-6224-461b-a6e6-93f86d39ca31
363	3.15	-2.	a734d7f4-6d7a-43c9-91c3-8d5867c6354e
364	3.15	-3.	8798acf5-5288-4bcc-af59-9aa3f1422e66
365	3.15	-4.	916e9c02-40be-495f-afd4-b7b63dcd625a
366	3.15	-5.	33505384-8d10-4c2f-b190-f220cfa70ec2
367	3.15	-6.	410575a1-625a-48fc-b529-43baeef04c14
368	3.15	-7.	0658e41e-05e7-4438-b350-954a4390f612
369	3.15	-8.	d1713208-01a7-406b-9654-a9e6eb2dd07a
370	3.15	-9.	ad2a0c89-9e35-4fea-aed0-4d79ba2cf765
371	3.15	-10.	24416247-bdf1-4fa3-aff5-9354c3cb3586
372	3.15	-11.	6c92c1f3-aafe-4f49-b573-23f305814e6e
373	3.15	-12.	933c3590-ba32-449a-9caa-d4138479427c
374	3.15	-13.	bccfbbb1-4064-4d92-a5ca-b47d7f7a5ada
375	3.15	-14.	4371cdbc-4b81-44eb-b76b-95b2522e4163
376	3.15	-15.	11579618-70a8-4dea-8d6c-ec56dc7eb1dd
377	3.15	-16.	55ef0bac-1f13-42d9-996d-51a2b51f9f9e
378	3.15	-17.	4203bd61-b34f-47c4-bce6-4a453a5a09bd
379	4.25	0.	856fd57f-896f-4aa1-96d6-81518ee3959f
380	4.25	-1.	ceb4bb51-dabb-4f00-bd6c-0299b797b1d1
381	4.25	-2.	343a8ffc-0b96-4d7c-8051-bfab810d3417

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
382	4.25	-3.	ad5e9f32-d556-4855-81b2-3fbdcc6e55c8
383	4.25	-4.	bdfef27e-7c65-45c5-9ee3-64c121092d30
384	4.25	-5.	7351a3e8-8d50-46ca-8162-22ab5371d92e
385	4.25	-6.	4a5c19e1-e2ff-4802-91e8-c8ff1e78c113
386	4.25	-7.	d8a15543-5a91-4aca-b1d0-e0a64e7517c7
387	4.25	-8.	ee1fa7eb-7a7d-4090-a2ff-840a2508203f
388	4.25	-9.	0e2ebb32-d8e4-4c5c-abaf-0d20ddb7fe5d
389	4.25	-10.	e90428df-0137-4fb3-92a7-637ad1eebd93
390	4.25	-11.	b8d51a88-e419-498c-b8a3-0f52eff157e7
391	4.25	-12.	4e2c5d1b-8c3f-4c8c-b381-acc3df67b345
392	4.25	-13.	5a170233-71fd-428e-b236-7498a24c8764
393	4.25	-14.	e6f6c174-6450-48fb-8c48-a7972962d2e9
394	4.25	-15.	6b4e9ec6-54c9-4650-a5f3-56d344072f08
395	4.25	-16.	8ada2aa4-3b7a-437a-a30f-adcb0e057568
396	4.25	-17.	32e68290-6359-4195-a7c6-23ea5b7ae6cc
397	5.35	0.	cdff6e2b-e75d-4ed7-b695-d7088e76a3d9
398	5.35	-1.	59b435b1-95aa-480e-8aaf-362fee02d0b5
399	5.35	-2.	676e7966-e7de-41c0-8f79-c92d9ac500e0
400	5.35	-3.	7563b3f6-6892-4adf-8e02-a7e087e86d9f
401	5.35	-4.	dd591a70-7bf8-40a7-b4e2-bc807e16bc94
402	5.35	-5.	c0e27547-f9ba-4669-9af7-075a746cfe16
403	5.35	-6.	bea4ac98-5898-450b-8735-00c520c05091
404	5.35	-7.	a6816da2-ee27-437e-9a95-878cb2a74b1a
405	5.35	-8.	41df88ad-72a7-4eb0-90da-c618baf6dfc1
406	5.35	-9.	bf591c72-450e-4cfe-968f-0d669fa5e2fe
407	5.35	-10.	2dd40b00-00b5-4ab4-9408-6b297163e098
408	5.35	-11.	a70f5fd4-dfbc-465b-8a06-00f1ba323492
409	5.35	-12.	2ab456b9-33c7-463d-8fd1-fe0604fc0a5b
410	5.35	-13.	adcaebfb-9f24-4c55-b010-ad2135e4b682
411	5.35	-14.	8d738c36-32ee-4ff2-a6f4-ebfaa8e35fda
412	5.35	-15.	28a84faf-c812-4307-ae7b-0e8019b4aac5
413	5.35	-16.	abd47fa5-7180-4df5-b528-79859d2b7dc0
414	5.35	-17.	2352b112-0e33-4cc3-a39d-24f854817bb3
415	6.45	0.	57244908-5a36-42f6-afdc-e22bf1a376ff
416	6.45	-1.	574f8fa2-4fed-4970-af48-19e91ed30208
417	6.45	-2.	3904464a-71ed-43f8-b3e9-7f2963184afc
418	6.45	-3.	cebcbf338-c256-4203-ab30-8abfcbd9f6c8
419	6.45	-4.	fafb4fd0-66d3-4b5d-92ef-3f5edf256db3
420	6.45	-5.	772b7e48-13b9-40de-93db-bbc7d419b2a4
421	6.45	-6.	c16053aa-f828-4a7a-b139-aaa3a57c1a8d
422	6.45	-7.	6056bedb-3c69-4590-ab2d-327a8e4749ca
423	6.45	-8.	022a9746-64db-4c6c-b999-4af6a80726de
424	6.45	-9.	7bc03b50-b03d-4fa6-9d56-737e9513990a
425	6.45	-10.	80114120-ecc7-405e-a88f-756dfe3b2164
426	6.45	-11.	ff505c0d-0f29-4ce8-a2b3-f13f09ccbb0f
427	6.45	-12.	ba04b7f6-9fc0-4e4e-a0f1-a278bfb5736a
428	6.45	-13.	28c37f4e-d9e3-452d-84e8-bac35670cbaa
429	6.45	-14.	e4eb7efd-2a8f-4923-bb62-7d8da50bf512
430	6.45	-15.	0e47b23f-c209-4bb3-8c2a-c3c798c33142
431	6.45	-16.	783bc672-7dbf-44ff-8c67-75b3646758e2
432	6.45	-17.	df013908-7ec9-4dc7-860c-6627f576070a
433	7.55	0.	426ceedf-ee9b-4069-bb43-003b145f461d
434	7.55	-1.	5e795c2c-24be-4a47-a931-097d69f161c3
435	7.55	-2.	609170fa-4156-4444-980b-6fbd27bc869b

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
436	7.55	-3.	26c8fbc0-0a3e-4f27-9238-a0e72f7809e2
437	7.55	-4.	8ad96884-2e48-46c8-a2e3-5d92bb615fac
438	7.55	-5.	717ac589-c78d-44c4-989e-0a3b10cf025d
439	7.55	-6.	d54a01ed-684b-4079-be8b-70784e37a5ce
440	7.55	-7.	b840897c-5a87-418f-956a-1b163a63b36d
441	7.55	-8.	f74dbcc3-7449-4cb0-87f2-f385a6bde6ae
442	7.55	-9.	6c7d1864-8f62-4b7c-97a2-2887831ca19c
443	7.55	-10.	5aa0157e-f559-4770-8247-df2662e56231
444	7.55	-11.	28435e07-4005-4022-b255-3f32ba7d0d4
445	7.55	-12.	13dcfeb2-c0e7-45f2-a4ea-dfa8faf5544d
446	7.55	-13.	67a2de78-71c9-4b8c-986b-10698c721baa
447	7.55	-14.	1b30470c-f984-4a81-b89e-649b9bbb405d1
448	7.55	-15.	3f834d03-44c5-4b53-880f-3eecd52c87fb
449	7.55	-16.	f4891b93-4dde-4c51-afe2-758f0659ca64
450	7.55	-17.	2122d07f-3a28-449e-a993-a6408be5250b
451	8.65	0.	24fa0577-f372-4bf0-aab1-585f9dce5752
452	8.65	-1.	0d7b4447-e192-405a-9da5-b701eabbb6cc
453	8.65	-2.	0bb9ca67-f6be-42e7-ad8d-5169909fc69e
454	8.65	-3.	448522e6-ab8f-4b8b-850b-36d79b06b10e
455	8.65	-4.	d1b08f69-3f87-4f12-a1ad-a819f123558b
456	8.65	-5.	43462413-6c76-40b2-99c9-96d71283dc15
457	8.65	-6.	c5618933-4788-4b94-830d-5ef12574e842
458	8.65	-7.	8f945d9b-f135-403a-820f-48eb45c4fc23
459	8.65	-8.	426b66be-3427-40d0-b0c1-6fa981449ff4
460	8.65	-9.	518712b8-ca6d-44b2-9426-482ed3cbe73c
461	8.65	-10.	72bc3065-9d0b-4406-bf6f-b4f2a84a4dc7
462	8.65	-11.	6e2d9feb-e17c-49f4-80e0-89d1f1544978
463	8.65	-12.	88c58e63-7854-4d1c-8c02-96551a369075
464	8.65	-13.	0eb26cd8-7dd2-4fef-b64d-952f92d7e437
465	8.65	-14.	d3a0d6eb-0eb7-4099-bdb6-2fc77c9ba757
466	8.65	-15.	c1404d2c-16a0-417d-b0f0-92e9d44b695f
467	8.65	-16.	76626e33-9687-4eb4-8949-5100195b76cd
468	8.65	-17.	506e47f1-93cc-4aea-b25d-edc0e7dba566
469	9.75	0.	4c1b6f9e-2949-45e4-8c63-a750c28d1b50
470	9.75	-1.	4c0e5506-b1d5-47d4-a6ac-cf9a4b1774ba
471	9.75	-2.	43a4167a-a1f0-4c65-b0ae-d987e33d54af
472	9.75	-3.	a8b1f4a2-2075-4f7c-87b8-58d717e66e4e
473	9.75	-4.	d0a4fc55-365e-49dd-9cdc-b21c209768a9
474	9.75	-5.	2995921d-d83e-4957-9bda-dc3a14369bc8
475	9.75	-6.	60f1739d-2ca1-4dda-8db5-99fa3e4d2d2c
476	9.75	-7.	269f34aa-abea-41a2-9527-e5b6b329d5a4
477	9.75	-8.	dd173954-2809-46f7-b7ac-865956392d4f
478	9.75	-9.	00494d59-4814-4f94-9cbb-8d844cd99231
479	9.75	-10.	bcce9593-2c68-47fb-afd4-59fc4a9b19f6
480	9.75	-11.	ad4e1005-ef58-4b8b-be7f-059e1ab4ad7b
481	9.75	-12.	8cf3255f-d68f-45a0-8484-2db76bd34d74
482	9.75	-13.	63257385-5a3b-4fc4-882d-e19095550a81
483	9.75	-14.	914b36f9-8fc3-45b0-876e-e4a522e39417
484	9.75	-15.	79924782-086d-4f8d-b448-582f1581e28d
485	9.75	-16.	1b40f92d-5460-4709-9be9-f7e85698ee37
486	9.75	-17.	eed82e9a-adf1-4cf5-b41c-008b27d6e61c
487	10.85	0.	c185beba-ac35-40c6-952b-494305e01914
488	10.85	-1.	c08ab184-fa89-44a5-a9ba-115f5f6b4141
489	10.85	-2.	1e6a7c9c-d423-419c-a7f9-1cf9cc6c699d

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY m	GlobalZ m	GUID
490	10.85	-3.	8282c1c6-9cda-4cc4-bfbf-f62f888fff44
491	10.85	-4.	3e5838cc-471c-4b2f-b7ee-43ee59b1f7d2
492	10.85	-5.	92296484-c511-4892-b539-8854ee06d8ee
493	10.85	-6.	1673668f-7915-4c08-99e3-d455d0409fae
494	10.85	-7.	d3a769e0-c6e4-4451-aed8-e76fd26c91b8
495	10.85	-8.	4601f9c4-59db-41f6-b9d3-81298ea19818
496	10.85	-9.	f6728893-26ea-405e-90e9-61a7ebb57c1f
497	10.85	-10.	f7cbfed7-b224-45c9-b160-1344e3f5adae
498	10.85	-11.	5728fa76-28c0-48e1-8111-b24d1662e5d5
499	10.85	-12.	a14ca8c1-7129-450d-bae4-ae4aa9760e53
500	10.85	-13.	279f448e-c5ef-49e4-9f00-a417e1678eec
501	10.85	-14.	5c7c054b-f308-4919-8b65-691f9f467601
502	10.85	-15.	1d21e488-ff20-40f7-8245-5b536fc6d92b
503	10.85	-16.	617178d1-92a1-4d47-953c-cd83f477ea61
504	10.85	-17.	3e859dea-8a53-4b09-ba8d-9e75e13ac9c5
505	11.95	0.	b2c69b9a-63c2-497c-bc7b-be1022c962eb
506	11.95	-1.	a549db73-20d3-45aa-b096-5175c1843bc3
507	11.95	-2.	45a94494-a8cb-42aa-808d-2331031406df
508	11.95	-3.	e59cac03-d6d3-46b6-95e3-90ffd89b2cf
509	11.95	-4.	97035852-da3f-442a-ab0f-34be9e23e351
510	11.95	-5.	e3d526e9-db50-43f5-bb4b-9f3905affb7e
511	11.95	-6.	09aad6f3-9138-4a66-b232-e320f40f3f12
512	11.95	-7.	76026897-e451-48c9-8691-f8009cfcc4f3
513	11.95	-8.	2fde495b-1763-4c63-903d-99c2460178ae
514	11.95	-9.	2dbb4c87-f95b-42e7-975a-44e29d6f3027
515	11.95	-10.	cec633c0-e3c7-4988-8c51-49840276aadd
516	11.95	-11.	f7b7699e-668b-471a-8e70-9ca08434f23f
517	11.95	-12.	705b5415-cbc8-4e2d-b2ca-6f21cd9ccfc0
518	11.95	-13.	7616b204-6851-4d6a-86bf-64fe60f27f92
519	11.95	-14.	b4b70023-c056-468c-9a65-d7b4b5212633
520	11.95	-15.	c36211ab-39f4-4748-8f7f-4ab89daba612
521	11.95	-16.	8c6f27b1-f138-455e-a056-194aab021ee7
522	11.95	-17.	a15b5a1f-093e-4689-a7da-7b852ca0a5ff
523	13.05	0.	a5d9c47f-c105-46b4-9732-dd47ebcc6aff
524	13.05	-1.	ed7d51e1-cb51-4a53-97c4-cf4717424bdc
525	13.05	-2.	7197b8cf-fe5c-471a-af91-5e1a31d0feb9
526	13.05	-3.	c1609ab4-9e3b-4854-af5c-b0cecd0e6158
527	13.05	-4.	ff8c9e08-6395-4718-a47e-67c1cc18b5e7
528	13.05	-5.	ae0d7b8f-64e2-416d-9b39-c7514d1fc159
529	13.05	-6.	f47a40b8-e062-4ab9-ade0-029d536ee874
530	13.05	-7.	18060717-f663-40fb-ad3e-6811212532e4
531	13.05	-8.	d30649e6-e536-4c27-8200-2b4b25fbb5dd
532	13.05	-9.	cb561ed3-fe68-4de8-a0de-1beb543537f3
533	13.05	-10.	707da035-5b39-44ea-8a81-28a8b07f5cb0
534	13.05	-11.	d0a1b6e0-b19d-45d2-b56e-d02e0b22252b
535	13.05	-12.	b1ea0483-e29b-43e1-9a34-c11aca3b1e42
536	13.05	-13.	a9af8daf-5477-40de-9273-d348b88fbcee
537	13.05	-14.	1ba0cce2-6691-4989-879b-c4c4036cbf98
538	13.05	-15.	f7319860-cc8f-4102-9355-1c1a14265fba
539	13.05	-16.	bb40708c-2ce6-4f09-b382-89422b0ff0f3
540	13.05	-17.	0402342a-0b3a-493d-b896-5183de5fb0d2
543	0.05	-2.	50871b8d-24da-486f-bafa-a9c2d62b0d2f
544	0.05	-3.	11d1f691-3f13-42f5-9192-bf2a30535737
545	0.05	-4.	5d55bcad-91e7-4ed1-b3b3-1e571b390d50

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
546	0.05	-5.	5de164ae-7be9-4764-8b62-05b1de8c379a
547	0.05	-6.	21e939ef-3452-4040-a124-a3be544baaaf
548	0.05	-7.	0dc8b86a-c854-4798-99fc-470a7a2d08ad
549	0.05	-8.	559f5e39-0694-4724-b2c0-2d522679ce33
550	0.05	-9.	b0aa52bb-f733-4f4a-ad5b-953964927dac
551	0.05	-10.	a4d62bf1-ebec-4ca6-9b10-d9879e3038fc
552	0.05	-11.	7b628505-c0d1-4611-ba9a-061716a1b6b2
553	0.05	-12.	a2e507b0-1832-44c4-a737-af85d6e1f67b
558	0.05	-13.	ec23ebf1-787a-4291-bb5c-b226b6352946
561	-0.85	-2.	158109fb-e35a-4525-8b92-50e3f8ed4b73
562	-0.85	-3.	50aa7980-1bd8-407b-93b9-523cf989d385
563	-0.85	-4.	e48498d2-ab27-452c-a810-ccb090c134ad
564	-0.85	-5.	764e46a9-7630-4d3b-9d29-6c51a1523e63
565	-0.85	-6.	0e0272b9-018d-4191-a997-a98a7e3d125d
566	-0.85	-7.	1c4273b5-7030-402a-a7ac-e56b590ef3b7
567	-0.85	-8.	60dba36f-8f52-42bc-a9da-142510d0e0e8
568	-0.85	-9.	a40e4af7-426e-4a71-970c-c0212f76e0ec
569	-0.85	-10.	e8db6114-39a2-4be8-8b12-f8dc2274c2e9
570	-0.85	-11.	5b278cb6-20bf-4a54-ac94-c931d335c0ce
571	-0.85	-12.	558174ea-7d60-4bcf-a37a-827749d3feb8
576	-0.85	-13.	9dc47318-bf03-4061-8eaa-cacb5b11fa9f
579	-1.75	-2.	1ff9f26d-dfc2-4775-8146-6d4cca2f2c6d
580	-1.75	-3.	56099038-c896-4f69-9575-bfb07159381a
581	-1.75	-4.	26ba5e2d-fc0b-45af-bbed-61a3956e474d
582	-1.75	-5.	619a2a00-21a6-4686-8249-34453904b135
583	-1.75	-6.	0361e6ce-ba70-4258-8bd4-cf242291df24
584	-1.75	-7.	a4c9b845-661f-4d52-a10a-3a0616edb8ed
585	-1.75	-8.	44c040b9-959e-48f4-8797-d4c3042de2b0
586	-1.75	-9.	feed2f4b-c822-43b6-a56c-01b156a5df54
587	-1.75	-10.	575c1fc6-3a49-4eb8-a146-3a18b641b198
588	-1.75	-11.	57b86392-dae2-4df0-a21d-d33d4bb415f8
589	-1.75	-12.	a4de3e8b-c03d-4f83-98ab-f79cf1f09c05
594	-1.75	-13.	ee077759-6f23-4017-b8e1-eb28bc6902e2
595	0.05	-1.	55d3dd09-4a2a-4c20-892d-2e6e8e4864a5
596	-0.85	-1.	8ff95bb9-df59-4f73-9cf3-193bc7e5c9dc
597	-1.75	-1.	e3a64bcd-7150-4c70-8d6c-7c617b8b011e
598	0.05	0.	06b08244-aa3e-4e34-a89d-cd3c08dd9590
599	-0.85	0.	3a75b4c2-bdeb-49ac-8ba6-3f535bd1a7ab
600	-1.75	0.	e6b3dd0c-e699-4640-8908-75d438e3315b
601	0.05	-2.	69c03a0a-6dda-4262-8e2a-43dca2015564
602	0.05	-3.	f1b2af0f-adc1-4962-9418-b71cfb4d7317
603	0.05	-4.	ac22f486-930d-4328-a980-eaf2e4121fb7
604	0.05	-5.	e4f71834-c628-4dad-8fff-251ec93283d2
605	0.05	-6.	caf4bc2c-1b2a-4908-896c-4d61a2e87201
606	0.05	-7.	f350a5ff-b22e-4cc7-84bc-dcc6b6501479
607	0.05	-8.	b0d807de-2dc0-4279-92b3-439ccfb379b4
608	0.05	-9.	6ad1c75a-07b2-4c26-80d7-decdccf2a8a9
609	0.05	-10.	bc6c395f-d1c5-4bc4-9b06-8b6618ca6226
610	0.05	-11.	131f0912-1936-4961-ab29-259f2cf9f0c7
611	0.05	-12.	b399b33f-9bf3-4b87-a169-93d2a667be92
616	0.05	-13.	4a6205c7-2ac0-4f37-8303-a169e3da8f8e
617	-0.85	-2.	d3eb0ac5-ea3c-42cf-897f-30f1e00a65c1
618	-0.85	-3.	14527487-bb3a-4836-a5fc-aa93d6fba972
619	-0.85	-4.	bc8361b2-b989-4d59-a21d-08ecb2326455

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY	GlobalZ	GUID
	m	m	
620	-0.85	-5.	68ba0977-90e5-4fd8-bf4e-9fb4abeaf4f4
621	-0.85	-6.	c6fe78cf-8311-40b1-a936-383361eb27fc
622	-0.85	-7.	9739f4c6-24fb-4e94-aa28-78fb8bffcb8d
623	-0.85	-8.	e8f4b00e-aebf-43da-b68a-62a0f3d512b9
624	-0.85	-9.	0abb2324-cfce-4031-9c7b-24aefde54a04
625	-0.85	-10.	98dde680-435d-408b-a1d3-5fe0814f34d2
626	-0.85	-11.	c07fa032-d3b4-47c1-b90b-11a079fb09c4
627	-0.85	-12.	d46be367-6529-48e4-8d02-64032cc05a01
632	-0.85	-13.	c9247dc5-a002-45eb-8fa0-8714e81994fe
633	-1.75	-2.	586c64c4-cefe-419c-87a4-8556ce5d3ae2
634	-1.75	-3.	d6176b98-a437-4a30-a5eb-38a931c39421
635	-1.75	-4.	0e6a2f84-b3f5-48d0-8faf-088c79a25214
636	-1.75	-5.	a7d63305-c492-4f3b-9318-4e88607499a8
637	-1.75	-6.	8a2a9d43-cbef-43d9-98be-faaca27bcd59
638	-1.75	-7.	c0f35ffe-94c6-4291-aa94-2553933ea1ed
639	-1.75	-8.	451774b5-976d-4cf5-b658-e49feffcd094
640	-1.75	-9.	a3aa2ca5-0fdf-4966-8c84-2b1a7297cd32
641	-1.75	-10.	7ba2e0f3-3daa-419d-bb62-0ecc2eb7d4a9
642	-1.75	-11.	c5f1e02b-5183-4815-95e9-9f017db26d66
643	-1.75	-12.	4ba0f6fd-ef01-4216-85f4-2bf02d2279e4
648	-1.75	-13.	ff947d4d-7031-42c6-8363-af0b93f5ec6c
649	0.05	-1.	6c64289b-a326-4283-940d-eccadd461d42
650	-0.85	-1.	0c252782-ec61-4342-8f94-d3a9f7a30bfd
651	-1.75	-1.	36f3bc2c-1aa2-4bfd-b607-2a290189f529
652	0.05	0.	6a7688c1-f45e-4aac-9dc1-e27c45862829
653	-0.85	0.	1c8da489-4c5b-4ff3-979a-d0d4b04b2a02
654	-1.75	0.	938a441b-69ef-4077-b529-f5dea696a442
655	0.05	-4.88284	78ac9df1-d85f-400b-9ff7-079bc1c1fd5b
656	0.	0.	d56fa70e-2018-44e3-ace6-0d36439b4f6c
657	-0.83154	-1.	bd425163-8f24-4530-90b9-38b00d861cd6
660	0.05	-2.	2545e76b-a8d4-4a58-9cf4-5b3defd063e9
661	0.05	-3.	22d240df-5d8d-4aa2-9d20-0a6c33b8d21d
662	0.05	-4.	bc5a103e-86e0-4a0d-8498-07a4e8d363fb
663	0.05	-5.	5afc500d-9ad4-4514-bbc8-fbf6f553c086
664	0.05	-6.	13099a33-0483-45c5-8b79-285e4f8593c9
665	0.05	-7.	72873693-7412-417b-bc4d-b794a96257e7
666	0.05	-8.	fc031cf4-7247-4a76-8c02-c86765fc5587
667	0.05	-9.	7ab849d7-bc22-4fcb-b5f4-8b5fa7cebceb
668	0.05	-10.	9e74864b-5caa-47cc-af79-44edcc8b0fb4
669	0.05	-11.	143f894e-da8c-4c3f-a2a0-1535ed337fd8
670	0.05	-12.	6b1ce4f1-461f-40f2-8c0d-d499c0dc06c2
675	0.05	-13.	7f3f3a0a-6b5a-4aab-b9ca-99c479a891b1
676	-0.85	-2.	44555494-883e-48ec-b24f-08a1ea3d9f70
677	-0.85	-3.	52704105-f94a-41b1-8c9e-932d8e2b8732
678	-0.85	-4.	ee7d7c38-fec3-4032-aafe-f01f20b15721
679	-0.85	-5.	af3c0d75-024e-47b6-8d9c-c222c0ac90ef
680	-0.85	-6.	ebd6ba42-c664-43e2-8d8c-db6f3f477536
681	-0.85	-7.	f53704e2-f153-4f41-af1c-4c2e7cd0faca
682	-0.85	-8.	b6564983-dc4a-45f9-b8b3-a29a5168b055
683	-0.85	-9.	a04be3de-6c25-40af-a739-0a5dedb818a8
684	-0.85	-10.	4c77b7ad-84d2-4253-8ea6-06de449cd4c9
685	-0.85	-11.	1e92d521-f4b1-4503-9f82-793849c72afc
686	-0.85	-12.	869debfd-386f-43c0-9b2c-3bd29ba756d9
692	-1.75	-2.	3bce0c03-4402-4b2d-8a2c-a23ff8f94eac

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
693	-1.75	-3.	ad23f779-836f-45ff-be3e-9944f4949376
694	-1.75	-4.	0d607012-397f-4d71-9652-2254e9f49c64
695	-1.75	-5.	04a35219-10df-46be-93a5-fcbad0751159
696	-1.75	-6.	a6d9dbed-6b59-4668-b32f-a608d9707cfe
697	-1.75	-7.	732a773e-fe0a-4e76-93a3-ccb0bf4fed8f0
698	-1.75	-8.	83258344-6179-4ba4-b5f4-490328097b11
699	-1.75	-9.	3d045a1f-bb36-42df-a9e7-e65d1b2244dd
700	-1.75	-10.	369a7cb4-6f62-416b-ac36-f3484c28d296
701	-1.75	-11.	a8edd60c-7ef2-45ca-bf0a-5b4d99578e9d
702	-1.75	-12.	79b17d92-9d45-4101-90e6-e7b0a69bd87d
708	0.05	-1.	574c204f-761a-4870-ae00-bd3ac9b03fb9
709	-0.85	-1.	290a64b1-17c3-443c-bd34-bba6bee5aed1
710	-1.75	-1.	e36491b5-b8de-4d28-ad3a-d95e0a5cb101
711	0.05	0.	58399491-408b-41bd-8a2a-955286393220
712	-0.85	0.	bbc069ff-4add-49c6-9dbd-ea00712ae062
713	-1.75	0.	647612c0-7586-4acf-a740-84954d820428
714	0.05	-2.	70aca212-5cb3-47f8-994a-33df3d20145a
715	0.05	-3.	afc012ba-6f46-4778-9119-8c990c6cd879
716	0.05	-4.	9861b305-693f-4a25-b6d0-a4c4a98d8e29
717	0.05	-5.	3d32acd7-2494-4823-9dab-f5009b3ddce9
718	0.05	-6.	edfb4fa6-db33-49ea-9913-c8143a771374
719	0.05	-7.	1c76e1e1-d915-46ff-9775-3efb4ba33bc6
720	0.05	-8.	7d9e4cd2-3fc7-4cbc-8c3e-e0d524486ff5
721	0.05	-9.	b3f88538-f4b5-4083-bf07-64d5166c9eb7
722	0.05	-10.	46db339d-c998-42ca-a247-8020c0513297
723	0.05	-11.	e8a6b342-de89-44aa-860f-cd6bfbb88ce2
724	0.05	-12.	7b5fd97b-2afa-4156-96c5-bach1c9ab096
729	0.05	-13.	e27b5dbb-b947-4afd-90f6-716cee47248e
730	-0.85	-2.	f9b85609-0735-4c0d-af39-80d30b27864e
731	-0.85	-3.	22e0daef-ed12-4257-bb28-78eccc891af4
732	-0.85	-4.	8f45a581-28d4-4aa9-b526-6edce7eb2b5a
733	-0.85	-5.	e594b083-3300-49c9-96e2-7d96ffbc7b94
734	-0.85	-6.	8ceb9e74-5a22-4a65-8447-99cecf2c9968
735	-0.85	-7.	fe0cde13-2631-49d6-a9fd-af5eafda9e54
736	-0.85	-8.	e2e688ce-f540-4078-ae7f-6fb38b669566
737	-0.85	-9.	cec5baa8-881f-4945-ac4e-6d226f60f3c6
738	-0.85	-10.	ddd65c8a-bfd3-4c70-8c34-c5396a53915d
739	-0.85	-11.	a6a0f27d-e810-4a70-960b-4054a22db633
740	-0.85	-12.	4f302a83-4db9-4faa-bed0-d1d93f961181
745	-0.85	-13.	bc07b1f7-892c-468d-a6a5-6e17d44bde03
746	-1.75	-2.	8771b00d-f2ae-4049-a1ba-ff0451f89ec3
747	-1.75	-3.	a8abfb83-ae92-41a4-9d44-973d5600c001
748	-1.75	-4.	a9915381-1f68-4b4c-b30e-d5552b329df2
749	-1.75	-5.	1a84ddf2-f21f-47c4-9290-a4cd24e8d947
750	-1.75	-6.	58ce8677-ca4d-4527-8ca5-f8871d4d9b95
751	-1.75	-7.	51bd893b-6678-445e-a07a-bb4b6186513f
752	-1.75	-8.	f92b2931-ce84-463c-8744-1f90e16336e6
753	-1.75	-9.	678d8e92-5028-4f93-9b90-f779548af840
754	-1.75	-10.	c40d9816-8557-4d49-98e5-66584051bae1
755	-1.75	-11.	ddd30fb2-210a-4cc6-9a2a-333016edd512
756	-1.75	-12.	c2b6ec16-2297-42ab-8a7f-d4db590a2548
761	-1.75	-13.	edf53a98-5a59-40d3-bfb6-1a148e5c3007
762	0.05	-1.	92931b03-eb19-4185-bed2-4dbba8dbe329
763	-0.85	-1.	84ca8574-2f4f-448e-8672-0bdedde68f40

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
764	-1.75	-1.	bdefca44-6bf2-445d-82ac-289eb3e1d7ae
765	0.05	0.	d5ed9ad4-a8be-44ef-ac3d-6f741f86579a
766	-0.85	0.	ade95980-5cbd-4ce3-a052-f9f050fb0601
767	-1.75	0.	3205e917-9e07-48d1-a9b6-70c8121ea968
768	0.05	-4.88284	5c0ae05c-7dd5-4e89-8ebc-48b0ee9574dd
770	-0.83154	-1.	c8274255-7b24-42ed-81fa-1bef1a421f23
771	-0.83154	-2.	6e61a104-8f14-4c74-8faa-238dfc081480
772	-0.83154	-2.	1c955aeb-a8ca-4479-9efb-51fa8bc42eb8
773	0.95	0.	488287d8-e436-4de1-9b5d-89f7604e9b6c
774	0.05	0.	c496725a-4304-4221-9cb5-de4b1bfbd897
775	0.95	0.	0b589ff1-9fea-4fee-9565-cf5aefe5e3bf
776	0.05	0.	5d54e97f-9641-417b-87ac-ad147b4a8bbe
777	0.95	0.	957e7f45-aea9-4f9e-9a52-e15acd6a6add
778	0.05	0.	730d0327-cb71-4aa4-a8d2-f7ca9b68a2c7
779	0.95	0.	d02b14e6-fd62-418c-8356-8ba85ec67ae3
780	0.05	0.	cab7ccab-5154-4dfa-a1ab-9ab50b6f3d84
781	0.95	0.	b1f93f68-1c97-49da-9b7a-b92f7423fa16
782	0.05	0.	48f09e4d-8085-4077-91d7-fd05509b1c31
783	0.95	0.	6c366368-974b-42c6-b61c-3f385b9658d5
784	0.05	0.	2826c334-4055-4338-82a1-560396ba7ae5
785	0.95	0.	1b7f0705-5ec0-4b25-8d4c-48ffb321e469
786	0.05	0.	a2b0b1f9-8706-46e5-b87e-f8d554a645ff
787	0.95	0.	e88be5d2-883d-4726-8709-2e575d450065
788	0.05	0.	089eeef6-e812-4550-8548-fc976188ea18
789	0.95	0.	d367722c-7c9b-438c-9347-669a4e202c48
790	0.05	0.	14bf13a7-7f15-4904-a6f9-b2a6c293aa4a
791	0.95	0.	624f3492-2622-45d6-89af-fb56b89508e6
792	0.05	0.	2929bf4-2e54-47ca-8c75-68b3f3710025
793	0.95	0.	ff8ce6ef-c5fb-492f-9655-34b8acd76b82
794	0.05	0.	1ae6872a-6ad2-4596-adc5-d453a4aff7a4
795	0.95	0.	d562be2c-c6eb-4c6e-9f74-055b09b7aece
796	0.05	0.	d153ef87-e4e0-4c8d-bb98-5c7fd6b7640d
797	0.95	0.	b027834c-b43f-4e1a-b80a-2376b0723fa3
798	0.05	0.	c6a4ef85-16f6-485e-9993-41fb9a3c7058
799	0.95	0.	8c5ead44-b385-4af0-a090-ffa2061a9160
800	0.05	0.	9b02d135-17b4-4a91-bd64-98fca92a2630
801	0.95	0.	cafd75a-0841-4018-9b85-bce79a9544dc
802	0.05	0.	6cc9d1ad-5363-4610-8165-a2b94775392c
803	2.05	0.	800e629e-366e-47a0-b398-bf92037d88be
804	2.05	0.	0acfcce4-1b41-4d43-bc89-b76930a6a928
805	2.05	0.	2e7b1a93-c49f-47b3-bd6d-fae79eb2fc3b
806	2.05	0.	f4144d70-bd74-4213-a61d-28e0a37d3a9b
807	2.05	0.	3ab20e2d-9393-4105-9f41-b53f4b50856e
808	2.05	0.	acd14bb6-7122-402d-8fbd-ef92c5fd6612
809	2.05	0.	1792ad96-59bc-41b0-9979-057ddf26d2f2
810	2.05	0.	034e6842-19ca-41eb-8a2e-31296cfdae9f
811	2.05	0.	530b9141-7ffe-4c03-9bbd-dc92fa51fe63
812	2.05	0.	04c643d4-4445-44f8-b17f-69d32aaca64e
813	2.05	0.	031020c1-1517-466d-8328-2af44d19c021
814	2.05	0.	1efd619d-04fd-4705-b03e-64342b757b12
815	2.05	0.	4243cc54-b73c-4e0b-a5be-ffe61a0a95fe
816	2.05	0.	44e64409-fede-45a7-8fe0-86f6e62fdc21
817	2.05	0.	a54196dc-304b-4a1f-802d-39e62aed38ef
818	3.15	0.	f714a701-719a-48d2-a3a5-23a9eb3b9a8a



Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
819	3.15	0.	9c9c103b-878e-4121-883a-f0c9132b8332
820	3.15	0.	3d47cd0a-1496-4ab3-b835-89dc682c4f4f
821	3.15	0.	e596918d-b48c-4582-9ffc-c2db52276e38
822	3.15	0.	31a6e4e5-ccfb-41d4-8fbe-03e8da5ff117
823	3.15	0.	bff3f596-baec-4279-997a-807aaa1ed84d
824	3.15	0.	e7d12bf3-9733-4201-bed8-1cdf823d3bc1
825	3.15	0.	d2d6a73c-c7cc-491d-9cc2-362698dedc5c
826	3.15	0.	2f10dc45-4fe5-4075-8ce8-3498912ea44b
827	3.15	0.	51df6f55-af38-4916-8c9d-6295c4c9776c
828	3.15	0.	b5fe1a23-93fc-4da9-a983-18de0623040f
829	3.15	0.	87553b28-242e-48a4-8292-35104d07adc3
830	3.15	0.	7c6e70fb-a048-4723-ab7b-cfad5f99ad77
831	3.15	0.	69376a25-9d53-4e26-a641-0d813a39ae61
832	3.15	0.	e43d2b6b-e97e-4ccc-b904-e601de9258c9
833	4.25	0.	6bab5f3c-0050-4633-965c-99ca5f8941f8
834	4.25	0.	80f6439f-4969-4fbf-a38c-891466508321
835	4.25	0.	85f5d20d-8bb6-4868-8636-75512c5bef0c
836	4.25	0.	d20bc8e5-e07e-4a94-bc10-9bab7b365fd7
837	4.25	0.	cad3ca8d-df81-43f1-92c9-66b405fb2863
838	4.25	0.	10a061ef-48db-4516-a6d5-c03e3f34908c
839	4.25	0.	a4d263e2-7d95-4134-be08-adc12c8aa86f
840	4.25	0.	c87c7f91-6ce0-447c-be41-a800c10f9eda
841	4.25	0.	7180e89e-859d-4445-a876-dc28ba08f060
842	4.25	0.	a13f2fc7-fbfa-4736-bc94-ba521ed695cb
843	4.25	0.	22a1ac73-528f-40a3-a89a-652af12bc548
844	4.25	0.	bdddfe55-274a-4d85-9754-81a48a001dbb
845	4.25	0.	269da3be-ba73-4fb5-9584-c211cf0889d3
846	4.25	0.	79d49d55-8894-48ca-a060-f2e2538a351d
847	4.25	0.	5f6006c7-1900-403f-9127-490c9f535247
848	5.35	0.	10b0e1cb-bc9f-47c2-8117-7b548fe8a42c
849	5.35	0.	7004e15c-5206-4554-a8bf-2154cdc192c8
850	5.35	0.	fd49513c-8cd9-4878-89b6-322a1a607d43
851	5.35	0.	fdde1c19-c6cc-4321-9f85-9f839179ffa2
852	5.35	0.	b7a8ca34-7393-47f1-a4df-d151d7edd115
853	5.35	0.	485fb3d1-b611-48d5-82d2-8a8173052324
854	5.35	0.	a5d02aa3-185a-404b-aa87-f3d251168103
855	5.35	0.	7f0173a4-419c-44fe-b9d2-7c4ec57bb188
856	5.35	0.	e6e3e17b-f5f1-435d-aba9-7cf977d56a5f
857	5.35	0.	0085b12c-878e-485f-80a1-b298b60d85e7
858	5.35	0.	f73ffbc8-bbab-4c74-8014-ef220c7ae91a
859	5.35	0.	90f10439-977b-4749-99c3-ac10ba7a3aa7
860	5.35	0.	c211fe89-4e17-477f-ad22-51507e95cdc6
861	5.35	0.	476dfe16-5584-4bed-9b04-d409b96b2b19
862	5.35	0.	f58a58da-e3af-4fe7-9767-d61e70766a80
863	6.45	0.	f82c9adc-4177-4814-8b48-cad07c3c9513
864	6.45	0.	8f937797-f6ac-4194-973f-c301347c8feb
865	6.45	0.	66be45f5-0445-45b2-a5a6-ce2a07356fc1
866	6.45	0.	0806e905-9cf8-49df-88f6-ef884ddc0f1d
867	6.45	0.	0ac6cbca-80ee-4dfd-9474-1c33094b71ff
868	6.45	0.	397abd21-3075-4c57-b1cf-6130782460f4
869	6.45	0.	db7a5902-3f49-4eb3-957b-fd14747e8cb4
870	6.45	0.	6b74fa05-b614-4d86-aa6a-961010ff31de
871	6.45	0.	95f21bca-babc-4809-834b-af54acf98f96
872	6.45	0.	f274e12a-0909-4840-b5bb-ddea600ecc14

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
873	6.45	0.	daf9673f-57d0-42f7-874a-1020b4d72d8d
874	6.45	0.	f1c734fd-27f6-4385-8d47-b16b76e43fce
875	6.45	0.	828cdb52-ae42-4ced-b039-3cbe902ad229
876	6.45	0.	632cece4-e564-41dd-b474-a7784f03da0e
877	6.45	0.	673e3a87-d091-40fc-b104-b42423f36521
878	7.55	0.	9f359302-cb24-4085-8de9-86d2d038c361
879	7.55	0.	57a9e88d-fd10-41b1-9522-b24868964e0c
880	7.55	0.	17f0c808-bdf5-4656-bdaa-4f9fd547bae6
881	7.55	0.	6f319d15-900a-4e14-9c04-acb4f0bc1cf4
882	7.55	0.	b1b2159d-45d4-44b9-84c0-e6b806ca93c2
883	7.55	0.	c2f00fb9-f934-41e6-9a99-ead574b79d14
884	7.55	0.	0a688386-70d0-46b5-97f4-036e1219055f
885	7.55	0.	105d7211-aef5-4b4d-9b6d-c7c5c42a436c
886	7.55	0.	457076a4-8a99-41c7-a1e0-b0e85a55ef5c
887	7.55	0.	b6343ab8-6e6d-49bb-977a-3813c3a5a8a1
888	7.55	0.	97adde0f-5276-40e2-a2d1-ba70f8f93961
889	7.55	0.	f7c1f792-bfa2-4361-916b-ac90f420a25e
890	7.55	0.	031fe051-c068-46ef-b1c2-38cb6f1cdac2
891	7.55	0.	4d1f745c-a2aa-413b-ba0d-13b19185e74b
892	7.55	0.	24ad6113-4bb1-4c12-a97c-21d24d1c5aad
893	8.65	0.	53531a1a-71d7-4219-978b-f026dffec1d5
894	8.65	0.	bf05f49a-c8c3-4f67-9350-13078969d4f9
895	8.65	0.	b7cd4ac1-57bb-4ffd-8a90-11bc817ba22d
896	8.65	0.	2a1c9e04-4cf6-4868-809e-bc4c8b4ac0be
897	8.65	0.	b909ce65-9987-4c5c-9698-c2b543e2776d
898	8.65	0.	61fb735a-bfc2-4bbd-9900-39ba5d6613c6
899	8.65	0.	f4129cd9-e24f-4516-a12e-b84453d1f6d7
900	8.65	0.	abf11ece-b900-4405-afc9-8c8936e08561
901	8.65	0.	039fec40-ce93-480f-9fff-3a7af723cb83
902	8.65	0.	de638c6a-38c9-4869-890a-c209aaaa177e
903	8.65	0.	04acfdab-e900-44cd-bc6a-fae29bcc33e7
904	8.65	0.	dbba925d-d804-4505-8a89-510651500159
905	8.65	0.	97edc3f6-b1a7-49db-9b9c-6e3a9b5c1bc6
906	8.65	0.	6e83c094-5dea-4fb6-81d9-e12555476dc5
907	8.65	0.	1970d22b-ea77-4b3b-9722-3bfd00c3d46
908	9.75	0.	73c32437-0fef-48cd-96a0-05a04576e8ec
909	9.75	0.	12faf53f-e6de-4c05-b3bc-52857d33241e
910	9.75	0.	d5c45a09-1b91-45c4-9582-b6b2bcc8f8dc
911	9.75	0.	9a8b0ec9-6714-48ef-81a3-98c43a16d7ed
912	9.75	0.	ea8c4f16-6cec-4dc2-97cd-488701670d38
913	9.75	0.	ce8d86ad-3a9e-4d86-b17f-b7587678a633
914	9.75	0.	b2712e37-04aa-40c6-9f91-0c422d9b2acd
915	9.75	0.	3a22c7d7-cd17-438e-8ae6-3ec862661fc3
916	9.75	0.	7f9a894f-7988-4bd1-9fc5-45571f6fc56a
917	9.75	0.	1ca7d11c-4f6d-4fbd-9a74-8c6eb0c58b45
918	9.75	0.	54f3a8f2-255a-4719-98e4-778b4b3d5cdf
919	9.75	0.	12a5f144-f22a-4e29-adf6-1de3e355f3c9
920	9.75	0.	d453a162-2d86-40b2-82ff-8b5c6d3028f8
921	9.75	0.	d1b82e2f-89b2-46e2-aa47-d23e0065c277
922	9.75	0.	c965d52b-65f4-4335-91ab-ad77d86fa333
923	10.85	0.	f1f3005d-4a63-4ea6-aede-5f2f92551a41
924	10.85	0.	ef1e08fd-dc5c-40e8-a2d7-5b2bfc246845
925	10.85	0.	2bca5211-2b27-4d31-ba24-7e3bdeed7132
926	10.85	0.	cf2c0a0d-420f-4a9e-a305-77cb8a2f2707

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
927	10.85	0.	34c501a0-2303-4719-8259-f39703e4f1f8
928	10.85	0.	ae5e064f-cd7f-4cb9-9790-bc3501b3c47e
929	10.85	0.	2b285ff0-db63-402b-b4d9-085c75d00fd1
930	10.85	0.	bcda9cc7-e4e7-45de-8dfc-bf26e7fad8cd
931	10.85	0.	44f4d967-4422-4329-80af-1905af9ec1f1
932	10.85	0.	9c7bf843-2efc-4a05-a32c-262e4efc5dbc
933	10.85	0.	0c7d1beb-d13d-42f3-98f9-e909b5267605
934	10.85	0.	4ba63594-9598-4fc1-a61c-99958f1621aa
935	10.85	0.	60cd6cf9-138f-4428-b4ed-45a8e1acf500
936	10.85	0.	e3e307f5-5224-49d4-9828-bb88315866f0
937	10.85	0.	c8f9f620-ab2c-4a17-ab5a-1b1f6839ae37
938	11.95	0.	f486865b-a503-4b48-991b-09d5e741b814
939	11.95	0.	ccf1978e-c518-44f9-91ec-540ddb5e5d642
940	11.95	0.	1bac3c21-d053-477c-99ae-d90b5581a805
941	11.95	0.	d3756930-548f-4dd3-a224-c5a5e1fb7011
942	11.95	0.	cbdc6419-4da8-4ca8-9095-37d8f575c1f5
943	11.95	0.	5637318e-151c-4e93-87c3-0918a0aefa99
944	11.95	0.	9e9878b3-6685-4f02-a122-d53c44cff840
945	11.95	0.	4d957c18-ccd4-4891-8533-12818ebc14f4
946	11.95	0.	e6be6144-fb49-4065-b6d7-084a5afc9f05
947	11.95	0.	d2d23676-e77f-425f-8c15-697bdb2aea0b
948	11.95	0.	3b8a1271-0a67-4170-b05b-fd232f007fa4
949	11.95	0.	fe576cad-2ebe-4c90-a5ab-906a3546206b
950	11.95	0.	a4af0a76-a002-4993-9030-780cd478cac1
951	11.95	0.	21a3ca39-2b98-41d3-bb3e-c367cbbf16e4
952	11.95	0.	d626c0fc-92ad-4134-8ffa-f8ff1e16aed2
953	13.05	0.	37c82204-0255-449b-bf9c-03c18eb12a96
954	13.05	0.	0c95582e-af4c-4f44-a6cb-480dd98f53e
955	13.05	0.	c0e15bb7-09e0-4b6a-afb3-5db2fc90646e
956	13.05	0.	0c13908a-b272-4115-9699-3a18ffc9e28c
957	13.05	0.	9c5491a5-bb5b-40b5-9212-703ad5c7c699
958	13.05	0.	4b5fd3df-863a-4b0a-b15d-5f83c59a39e8
959	13.05	0.	ededabc8-e0e9-4447-88b3-3c28212d5741
960	13.05	0.	d3a3c6c5-e277-406e-9769-4e2187d05e5f
961	13.05	0.	ae60a77d-fdd0-47d6-a950-badd4ea03a37
962	13.05	0.	700eed88-72c1-4d39-b733-95b48e418148
963	13.05	0.	69ed2ddb-e8b5-4af4-be80-129bf2fd75ec
964	13.05	0.	fcc806e4-f0b1-4bc1-b9a3-ae894b5a13ea
965	13.05	0.	af28c8f7-ac61-4687-96b9-4fc780d5e48c
966	13.05	0.	97dcbe5d-f58f-40cc-aea6-c468e6efc9e2
967	13.05	0.	6d00eaba-c720-488e-9a66-f57d79aac7e0
968	-0.85	0.	37674262-b92c-42d5-a4fe-aeedd2550187
969	-1.75	0.	fcea36af-187d-4ae1-8b12-4dfc303976ff
970	-0.85	0.	d629f4d2-8ec4-4d66-824d-cb48ee848ddf
971	-1.75	0.	a6dadea4-544f-4485-986d-373a3f1324a8
972	-0.85	0.	f3712fec-c981-4f06-a878-cc70c692581d
973	-1.75	0.	c5e0a7ef-533a-47d8-9807-adcc4804797f
974	-0.85	0.	9807e9ab-8b80-4059-ab15-de81955be4ce
975	-1.75	0.	01d040be-2a10-4866-a3bd-e0dbb45753fe
976	-0.85	0.	ece821d9-706a-4570-bee0-fd357a1f4691
977	-1.75	0.	5f74349a-baa9-4b70-a81d-4fb8c6398b9d
978	-0.85	0.	1d4c807a-8743-4494-8b65-a044ef5f7699
979	-1.75	0.	40e61112-606e-4044-9744-87533357c8f9
980	-0.85	0.	2cdc9cdc-6455-458f-9e72-a39a536d42ec

**Table: Joint Coordinates, Part 2 of 2**

Joint	GlobalY m	GlobalZ m	GUID
981	-1.75	0.	6b93199d-8741-4ebf-8fcc-6f968d0c4c8b
982	-0.85	0.	53dc1702-ab2d-49f6-bd6a-a0d004603461
983	-1.75	0.	7877faf9-02fb-4575-9936-d5680c2759be
984	-0.85	0.	bb448750-4e59-4cd9-a82c-60d50e9812c2
985	-1.75	0.	b48d820c-588e-440f-bcaa-5a75f8d59d7e
986	-0.85	0.	17160b00-6b5c-4615-b4c3-ad8efaed504f
987	-1.75	0.	2d3530c9-a9ef-4fff-997f-095078bdb444
988	-0.85	0.	f1884858-63b2-4644-b5fe-994b12988be4
989	-1.75	0.	768c5c70-01a9-4a4a-a502-fb1b2668edf4
990	-0.85	0.	5041e0b7-f228-4ad9-a3b0-379a59218078
991	-1.75	0.	4c23bc82-be54-4a1b-aa25-a6d908caa5cd
992	-0.85	0.	7dd4e0f5-7fbd-4989-98c9-d419606aae5f
993	-1.75	0.	d85fa985-a38f-47d3-b972-2246674499ee
994	-0.85	0.	3bf38262-82f9-4aad-828a-b0dae1a68047
995	-1.75	0.	cb6af8d6-c9cc-4be1-b155-133a98631e3b
996	-0.85	0.	4703c53c-7a73-4584-b735-101150dc9696
997	-1.75	0.	76aa8bcb-df62-4070-8ce7-740d295b33dc
998	-0.85	-13.	1f2e8996-2c54-4663-9732-5bed75054c62
999	-1.75	-13.	d9c65c21-0a4e-4c0f-8684-d0343c3864a9

**Table: Joint Loads - Force, Part 1 of 2**

**Table: Joint Loads - Force, Part 1 of 2**

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
14	G2_terr	GLOBAL	8.	0.	0.	0.	0.
14	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
115	G2_terr	GLOBAL	16.	0.	0.	0.	0.
115	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
116	G2_terr	GLOBAL	24.	0.	0.	0.	0.
116	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
117	G2_terr	GLOBAL	32.	0.	0.	0.	0.
117	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
118	G2_terr	GLOBAL	40.	0.	0.	0.	0.
118	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
119	G2_terr	GLOBAL	48.	0.	0.	0.	0.
119	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
1	G2_terr	GLOBAL	8.	0.	0.	0.	0.
1	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
2	G2_terr	GLOBAL	16.	0.	0.	0.	0.
2	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
3	G2_terr	GLOBAL	24.	0.	0.	0.	0.
3	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
4	G2_terr	GLOBAL	32.	0.	0.	0.	0.
4	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
5	G2_terr	GLOBAL	40.	0.	0.	0.	0.
5	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
6	G2_terr	GLOBAL	48.	0.	0.	0.	0.
6	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
29	G2_terr	GLOBAL	8.	0.	0.	0.	0.
29	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
30	G2_terr	GLOBAL	16.	0.	0.	0.	0.
30	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
31	G2_terr	GLOBAL	24.	0.	0.	0.	0.
31	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
32	G2_terr	GLOBAL	32.	0.	0.	0.	0.
32	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
33	G2_terr	GLOBAL	40.	0.	0.	0.	0.
33	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
34	G2_terr	GLOBAL	48.	0.	0.	0.	0.
34	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
56	G2_terr	GLOBAL	8.	0.	0.	0.	0.
56	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
57	G2_terr	GLOBAL	16.	0.	0.	0.	0.
57	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
58	G2_terr	GLOBAL	24.	0.	0.	0.	0.
58	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
59	G2_terr	GLOBAL	32.	0.	0.	0.	0.
59	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
60	G2_terr	GLOBAL	40.	0.	0.	0.	0.
60	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
61	G2_terr	GLOBAL	48.	0.	0.	0.	0.
61	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
83	G2_terr	GLOBAL	8.	0.	0.	0.	0.
83	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
84	G2_terr	GLOBAL	16.	0.	0.	0.	0.
84	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
85	G2_terr	GLOBAL	24.	0.	0.	0.	0.
85	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
86	G2_terr	GLOBAL	32.	0.	0.	0.	0.
86	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
87	G2_terr	GLOBAL	40.	0.	0.	0.	0.
87	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
88	G2_terr	GLOBAL	48.	0.	0.	0.	0.
88	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
110	G2_terr	GLOBAL	8.	0.	0.	0.	0.
110	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
111	G2_terr	GLOBAL	16.	0.	0.	0.	0.
111	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
112	G2_terr	GLOBAL	24.	0.	0.	0.	0.
112	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
113	G2_terr	GLOBAL	32.	0.	0.	0.	0.
113	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
114	G2_terr	GLOBAL	40.	0.	0.	0.	0.
114	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
141	G2_terr	GLOBAL	48.	0.	0.	0.	0.
141	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
163	G2_terr	GLOBAL	8.	0.	0.	0.	0.
163	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
164	G2_terr	GLOBAL	16.	0.	0.	0.	0.
164	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
165	G2_terr	GLOBAL	24.	0.	0.	0.	0.
165	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
166	G2_terr	GLOBAL	32.	0.	0.	0.	0.
166	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
167	G2_terr	GLOBAL	40.	0.	0.	0.	0.
167	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
168	G2_terr	GLOBAL	48.	0.	0.	0.	0.
168	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
190	G2_terr	GLOBAL	8.	0.	0.	0.	0.
190	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
191	G2_terr	GLOBAL	16.	0.	0.	0.	0.
191	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
192	G2_terr	GLOBAL	24.	0.	0.	0.	0.
192	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
193	G2_terr	GLOBAL	32.	0.	0.	0.	0.
193	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
194	G2_terr	GLOBAL	40.	0.	0.	0.	0.
194	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
195	G2_terr	GLOBAL	48.	0.	0.	0.	0.
195	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
217	G2_terr	GLOBAL	8.	0.	0.	0.	0.
217	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
218	G2_terr	GLOBAL	16.	0.	0.	0.	0.
218	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
219	G2_terr	GLOBAL	24.	0.	0.	0.	0.
219	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
220	G2_terr	GLOBAL	32.	0.	0.	0.	0.
220	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
221	G2_terr	GLOBAL	40.	0.	0.	0.	0.
221	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
222	G2_terr	GLOBAL	48.	0.	0.	0.	0.
222	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
244	G2_terr	GLOBAL	8.	0.	0.	0.	0.
244	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
245	G2_terr	GLOBAL	16.	0.	0.	0.	0.
245	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
246	G2_terr	GLOBAL	24.	0.	0.	0.	0.
246	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
247	G2_terr	GLOBAL	32.	0.	0.	0.	0.
247	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
248	G2_terr	GLOBAL	40.	0.	0.	0.	0.
248	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
249	G2_terr	GLOBAL	48.	0.	0.	0.	0.
249	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
271	G2_terr	GLOBAL	8.	0.	0.	0.	0.
271	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
272	G2_terr	GLOBAL	16.	0.	0.	0.	0.
272	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
273	G2_terr	GLOBAL	24.	0.	0.	0.	0.
273	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
274	G2_terr	GLOBAL	32.	0.	0.	0.	0.
274	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
275	G2_terr	GLOBAL	40.	0.	0.	0.	0.
275	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
276	G2_terr	GLOBAL	48.	0.	0.	0.	0.
276	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
298	G2_terr	GLOBAL	8.	0.	0.	0.	0.
298	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
299	G2_terr	GLOBAL	16.	0.	0.	0.	0.
299	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
300	G2_terr	GLOBAL	24.	0.	0.	0.	0.
300	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
301	G2_terr	GLOBAL	32.	0.	0.	0.	0.
301	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
302	G2_terr	GLOBAL	40.	0.	0.	0.	0.
302	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
303	G2_terr	GLOBAL	48.	0.	0.	0.	0.
303	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
325	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
326	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
327	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
328	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
329	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
330	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
343	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
344	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
345	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
346	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
347	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
348	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
361	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
362	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
363	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
364	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
365	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
366	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
379	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
380	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
381	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
382	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
383	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
384	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
397	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
398	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
399	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
400	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
401	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
402	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
415	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
416	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
417	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
418	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
419	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
420	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
433	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
434	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
435	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
436	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
437	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
438	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
451	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
452	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
453	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
454	G2_terr	GLOBAL	-32.	0.	0.	0.	0.

Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
455	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
456	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
469	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
470	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
471	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
472	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
473	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
474	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
487	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
488	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
489	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
490	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
491	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
492	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
505	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
506	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
507	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
508	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
509	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
510	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
523	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
524	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
525	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
526	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
527	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
528	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
543	G2_terr	GLOBAL	24.	0.	0.	0.	0.
543	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
544	G2_terr	GLOBAL	32.	0.	0.	0.	0.
544	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
545	G2_terr	GLOBAL	40.	0.	0.	0.	0.
545	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
546	G2_terr	GLOBAL	48.	0.	0.	0.	0.
546	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
561	G2_terr	GLOBAL	24.	0.	0.	0.	0.
561	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
562	G2_terr	GLOBAL	32.	0.	0.	0.	0.
562	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
563	G2_terr	GLOBAL	40.	0.	0.	0.	0.
563	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
564	G2_terr	GLOBAL	48.	0.	0.	0.	0.
564	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
579	G2_terr	GLOBAL	24.	0.	0.	0.	0.
579	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
580	G2_terr	GLOBAL	32.	0.	0.	0.	0.
580	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
581	G2_terr	GLOBAL	40.	0.	0.	0.	0.
581	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
582	G2_terr	GLOBAL	48.	0.	0.	0.	0.
582	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
595	G2_terr	GLOBAL	16.	0.	0.	0.	0.
595	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
596	G2_terr	GLOBAL	16.	0.	0.	0.	0.
596	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.



Table: Joint Loads - Force, Part 1 of 2

Joint	LoadPat	CoordSys	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
597	G2_terr	GLOBAL	16.	0.	0.	0.	0.
597	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
598	G2_terr	GLOBAL	8.	0.	0.	0.	0.
598	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
599	G2_terr	GLOBAL	8.	0.	0.	0.	0.
599	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
600	G2_terr	GLOBAL	8.	0.	0.	0.	0.
600	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
655	G2_terr	GLOBAL	48.	0.	0.	0.	0.
655	Q_sisma	GLOBAL	64.75	0.	0.	0.	0.
714	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
715	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
716	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
717	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
730	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
731	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
732	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
733	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
746	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
747	G2_terr	GLOBAL	-32.	0.	0.	0.	0.
748	G2_terr	GLOBAL	-40.	0.	0.	0.	0.
749	G2_terr	GLOBAL	-48.	0.	0.	0.	0.
762	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
763	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
764	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
765	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
766	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
767	G2_terr	GLOBAL	-8.	0.	0.	0.	0.
770	G2_terr	GLOBAL	-16.	0.	0.	0.	0.
772	G2_terr	GLOBAL	-24.	0.	0.	0.	0.
786	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.
790	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.
809	Q1_traffico	GLOBAL	0.	0.	-100.	0.	0.
811	Q1_traffico	GLOBAL	0.	0.	-100.	0.	0.
824	Q1_traffico	GLOBAL	0.	0.	-100.	0.	0.
826	Q1_traffico	GLOBAL	0.	0.	-100.	0.	0.
854	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
856	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
869	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
871	Q1_traffico	GLOBAL	0.	0.	-50.	0.	0.
980	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.
984	Q1_traffico	GLOBAL	0.	0.	-150.	0.	0.

Table: Joint Loads - Force, Part 2 of 2

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
14	G2_terr	0.	ee3d1548-a655-4652-b976-c48d22d764b8
14	Q_sisma	0.	39080279-7385-4b71-a0bd-e2cd93b6a52d
115	G2_terr	0.	8a269c88-6ff3-486b-a7b2-5cf49f235efb

**Table: Joint Loads - Force, Part 2 of 2**

Joint	LoadPat	M3 KN-m	GUID
115	Q_sisma	0.	22a177a8-d376-43b4-8079-ce096810b48e
116	G2_terr	0.	73922fa6-e722-4367-a56a-442ea1cd69f3
116	Q_sisma	0.	3fbe50bf-e76d-4b3e-9da0-f76c201f38f6
117	G2_terr	0.	d3e1b9f4-a4e9-4c97-b12c-6f419056e227
117	Q_sisma	0.	696f227e-53df-4154-a410-fe6027c1cabe
118	G2_terr	0.	c8760936-d5be-44d3-843f-5a0e960fb1b4
118	Q_sisma	0.	038f97b1-df5e-4d89-b522-f485e2621a32
119	G2_terr	0.	c4de8552-092e-4d1c-819e-0b000f5b6275
119	Q_sisma	0.	eada338f-fb4e-4fa6-82b2-0017ee75f977
1	G2_terr	0.	38078949-166a-4571-92ce-9b9bd2006ed3
1	Q_sisma	0.	7b2f38f2-088b-4463-bef5-8f7a2b43816d
2	G2_terr	0.	8c7c7d2f-2e2e-405e-a487-682557485142
2	Q_sisma	0.	4890a8a1-6918-418f-9d3d-d49ad5bc1610
3	G2_terr	0.	52562b35-ce8a-4e84-93b7-39ab4cba05e5
3	Q_sisma	0.	084bbcdb-24e9-4667-a150-50946222fbc4
4	G2_terr	0.	3bab26ce-c44a-4700-8e2f-b1ae744f1693
4	Q_sisma	0.	41ccee10-929e-4aef-95fc-2605c69c4c97
5	G2_terr	0.	9264da5f-7b43-44ea-9580-830230fb2007
5	Q_sisma	0.	26669e76-54a5-4e6c-83d8-ca37cd159837
6	G2_terr	0.	f7fe4b20-0482-4c81-8783-b0928c25119c
6	Q_sisma	0.	7ba69a60-1fed-441d-884e-6d2f8513fa05
29	G2_terr	0.	f65588e3-c8c7-443b-b025-c58e503ac4cd
29	Q_sisma	0.	8e355668-b365-4e30-89f1-18edb08f9ebe
30	G2_terr	0.	e36f60ac-362e-48eb-8c14-a6beedcbed89
30	Q_sisma	0.	6b573134-9b6e-48a0-a7d4-9790413f51c6
31	G2_terr	0.	8a18a494-c39e-4279-8a0b-001ca186df3a
31	Q_sisma	0.	fbdfa72f-27eb-4f27-a3ae-69c64b2a723f
32	G2_terr	0.	cd815061-d1d5-4051-ab0d-e857da72bc12
32	Q_sisma	0.	20be65f7-2208-47e2-b5fb-e805e2afd26a
33	G2_terr	0.	cd0fb785-a268-447d-904c-10deb753d06e

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
33	Q_sisma	0.	f3b2d0a9-f9aa-4f87-9ace-f23a57112620
34	G2_terr	0.	5e1d8f79-f7eb-41e5-a4c6-0ff4d2910dd2
34	Q_sisma	0.	55c111a8-2e82-4141-a350-277962323527
56	G2_terr	0.	fe702840-21ee-40d2-b882-67488ce7b6ed
56	Q_sisma	0.	024696d3-6975-45e6-822a-ef5dd00c9360
57	G2_terr	0.	f0603af1-8914-4273-a0cb-b77a9f52533e
57	Q_sisma	0.	1d149aab-001a-4f5c-b694-4f65f96815ac
58	G2_terr	0.	b43f974f-2cc6-415e-af4e-7533d7d39c90
58	Q_sisma	0.	7421d1f6-b823-4260-95fc-5b85ce637e8c
59	G2_terr	0.	494a500a-584f-4e15-869e-cb73fd5eef
59	Q_sisma	0.	d33ed628-f547-413e-8184-7cc6921ba3c3
60	G2_terr	0.	24ad8fbe-7d21-4ce8-8a8c-701d9b303bbb
60	Q_sisma	0.	93badf8c-fee4-4957-a215-bdad2e31f687
61	G2_terr	0.	43150246-e473-4998-bce1-5f991a21c6ec
61	Q_sisma	0.	24e3f90c-5bb9-4f10-b7cd-61a50101e081
83	G2_terr	0.	4d8e4d35-29f2-4fe6-8a14-1661b1e67196
83	Q_sisma	0.	796eabdf-461a-4b19-a846-852f4d5d09cf
84	G2_terr	0.	a17133f6-7822-459a-8b6f-3bb3b03ea068
84	Q_sisma	0.	ec265bc7-f63c-4b35-9138-34e4e5e39ba4
85	G2_terr	0.	80ec014e-1ca8-4e68-8716-ea67d1127f36
85	Q_sisma	0.	0e680f88-a810-4726-83cc-40e93019cca5
86	G2_terr	0.	c4a75888-e568-431f-9ca4-2e38cfa89c02
86	Q_sisma	0.	bc5ca0f2-16e3-4281-9521-2634b5122961
87	G2_terr	0.	d54deeab-2a75-48ab-932a-10bfde03dc92
87	Q_sisma	0.	513633be-33da-4899-86cc-8888dec5fedc
88	G2_terr	0.	24e4d95b-d9c9-4a97-97c4-f1bd8efd9073
88	Q_sisma	0.	9a10f78a-88a0-4425-918a-722da47a2503
110	G2_terr	0.	69be4363-0c77-4a22-99a4-dda1e9db2683
110	Q_sisma	0.	1d3690c4-839a-4f2a-ad79-265ac6afaae8
111	G2_terr	0.	7e95c56c-b120-4fb4-b528-9701b264551c

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
111	Q_sisma	0.	d29b84e6-f4c3-4892-9a97-8348488deec8
112	G2_terr	0.	1531f77e-d879-4322-a6c4-05f98ea417ba
112	Q_sisma	0.	0fede790-e4b4-4803-b623-ab2dc93c2c10
113	G2_terr	0.	f52cb387-1f8c-4848-bc9d-fdfd3337c2f2
113	Q_sisma	0.	1cb02bc3-c071-4ce6-8a8f-7b1db9a47493
114	G2_terr	0.	f9fbab31-a7d1-4855-834a-0855683ac04f
114	Q_sisma	0.	86de3629-0cd7-4448-b4cb-cd8f01c68416
141	G2_terr	0.	5e04d198-656f-47c5-9601-49d89a2733ff
141	Q_sisma	0.	b25dc43b-643d-48a5-b5d7-c3c7b65c5e12
163	G2_terr	0.	4266d7fb-cd96-42c1-951e-ab6004f7a834
163	Q_sisma	0.	3eed2196-769d-41d7-9fe7-dfd7a950efed
164	G2_terr	0.	2f6790db-8eb1-48b3-aa5e-56a79b312b75
164	Q_sisma	0.	cf9fcf80-2312-42da-83eb-88f9e227838d
165	G2_terr	0.	e6bdaa40-7ee2-4ac2-8c57-dc8cb71e1e97
165	Q_sisma	0.	d3fea025-6e33-4ef1-8b8e-0580a1abb859
166	G2_terr	0.	5cf46559-c638-4be6-baf0-9b33b869ac7b
166	Q_sisma	0.	c1c7f499-7749-4c6c-8b48-d6f8b2b66668
167	G2_terr	0.	26539bd2-976b-4c48-b70e-16619a498672
167	Q_sisma	0.	b1bfdabc-5ba5-4dc0-abc8-e-8f9e4addffc8
168	G2_terr	0.	cd71c6c6-f28d-4f75-820e-e9d2fd3bcd23
168	Q_sisma	0.	d0926e73-a711-4f4c-adf9-c1c97b29d1cc
190	G2_terr	0.	c58ebb27-8597-49b4-bf49-f34424546799
190	Q_sisma	0.	ca67fd0e-1dad-4844-848f-7574256827d8
191	G2_terr	0.	cd12691e-3570-4b7a-b550-ab60815335a2
191	Q_sisma	0.	a3cdf0d8-8bcb-4377-9713-f7f75d61e906
192	G2_terr	0.	e4e20ea8-2f90-47ed-9e72-8fd69d6a68c8
192	Q_sisma	0.	72c6f240-5c86-4f7e-bbfa-15db78aadf30
193	G2_terr	0.	909eb6f0-aded-4748-bf0d-a67690bee49f
193	Q_sisma	0.	c27d3710-443d-4e74-8819-d6667a46dbd8
194	G2_terr	0.	d9a5d5e5-ce3a-4c98-aa-da-5df4751b93c5

**Table: Joint Loads - Force, Part 2 of 2**

Joint	LoadPat	M3 KN-m	GUID
194	Q_sisma	0.	11e75141-ee6a-4b73-8243-e13f52f46390
195	G2_terr	0.	29143f21-fff3-45b2-b9a6-5f89fe66e2f6
195	Q_sisma	0.	7c16cd5b-ebb4-45b1-b0cb-8c1896355e46
217	G2_terr	0.	33c678c6-9dc3-4bef-ae0a-8705e9d255bf
217	Q_sisma	0.	f0b5eddf-1388-42ce-ad7f-bec1b4cfbc06
218	G2_terr	0.	3775c237-343e-414e-b984-c03f1af64acc
218	Q_sisma	0.	5f8e534b-1aa4-4676-bed1-153a424a5171
219	G2_terr	0.	feb7e894-9de8-4f51-8ddb-bf3ea03c008c
219	Q_sisma	0.	f1edcae4-3aa1-46d4-84b7-1ae679b42b26
220	G2_terr	0.	2010ebd6-9e1c-45a6-acb0-c73ab553bb8c
220	Q_sisma	0.	27d15b01-72e0-4e79-8e7d-1362734068fd
221	G2_terr	0.	3769fd74-728a-4c83-888a-dd26a878a6b4
221	Q_sisma	0.	7e3702a4-75d6-4593-b579-8ab9f0aa1fff
222	G2_terr	0.	ea5ec218-b6eb-4094-b84f-ae2c9030d86b
222	Q_sisma	0.	9e6d2b44-a15d-4679-a5a0-fe82c8bcdec2
244	G2_terr	0.	8e0442e4-e398-4ff3-94a5-d05c2299d972
244	Q_sisma	0.	cf5f3f2d-bc8a-45a1-850a-20b54e63bc6e
245	G2_terr	0.	ca0fdd2c-d21c-47b5-ad39-4266bd6400fe
245	Q_sisma	0.	1f6c0823-aca0-49ae-b4ce-5e20ec28f37d
246	G2_terr	0.	8c404104-5a35-4443-b41b-8df6f87470ca
246	Q_sisma	0.	92330a1f-a33f-40bc-bd12-e7fe864eed66
247	G2_terr	0.	3bfbde2b-e6a6-4b94-beb1-fb57a0ec7598
247	Q_sisma	0.	69fb6dd7-d0aa-4e0a-9733-681f01217d29
248	G2_terr	0.	8a7a34b6-a8a4-4e1c-ab18-d353fd1eb419
248	Q_sisma	0.	35466eee-c005-471b-84ce-2d79dcbd156a
249	G2_terr	0.	49c8ea5c-5e68-4399-8336-d0d4c782bf2d
249	Q_sisma	0.	6c406d53-afed-456d-9821-b2406196d510
271	G2_terr	0.	32d7e355-7251-498c-93b2-babcb85b8fe4
271	Q_sisma	0.	35fcaaa5-5fbc-44b8-8029-bf21dcd4ecd4
272	G2_terr	0.	8d90586e-0ddc-406c-bc92-1ff7dd083b59

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
272	Q_sisma	0.	1deacd2b-6dcb-4f26-99e7-1410c75469ed
273	G2_terr	0.	8a3965bc-bf16-4c42-9ade-b4d3f86d03b9
273	Q_sisma	0.	cab52e84-628c-40c3-83d2-0f87331a367e
274	G2_terr	0.	c2bd1e74-a945-4ab6-ae8e-7a7d422a844b
274	Q_sisma	0.	3911c562-8773-4f5b-b084-1dc1903727b6
275	G2_terr	0.	4a146b05-7658-41d5-bc69-3f5181e79c0b
275	Q_sisma	0.	0cdef8df-8094-49cd-9b42-06cf168c5bc2
276	G2_terr	0.	b3b51718-24ba-446d-a000-6f7ae48cef72
276	Q_sisma	0.	c87b4194-334c-4e5c-9121-e0e6250c9bce
298	G2_terr	0.	c77e9794-4768-4e13-9335-b33baee534ff
298	Q_sisma	0.	9c2a8538-f55c-4a73-80ac-4bf4872eff0c
299	G2_terr	0.	6e180113-11a0-45d1-83ca-0b0d72ffd533
299	Q_sisma	0.	b703ece5-c340-4479-92be-2d687c3d46e7
300	G2_terr	0.	a8ab39e0-5d84-42f9-80b8-5c210d1fa725
300	Q_sisma	0.	5ca87826-9a99-4288-b04c-f2452e857717
301	G2_terr	0.	e49e5ea8-0107-4523-8f14-812c6804b26c
301	Q_sisma	0.	d14caae4-2f89-4985-9d16-772fac896bd0
302	G2_terr	0.	ed798bf0-f689-4f2d-a090-024af09592d5
302	Q_sisma	0.	ffcef74-74b1-477f-8e6c-c04ca5c47c51
303	G2_terr	0.	d91aba59-b8b9-4736-b206-43e840466911
303	Q_sisma	0.	1862469f-e959-48f1-ba1e-fd84ae3fa4cd
325	G2_terr	0.	d5ff9794-1d39-4ba3-a28e-c711f21b5075
326	G2_terr	0.	814b0109-05b8-4f55-a59b-9e50669eea23
327	G2_terr	0.	8b9b7265-8d72-4d4a-b16a-a8c7067db396
328	G2_terr	0.	fb5b93aa-2139-4f5d-9bcf-c3c3959d9bf8
329	G2_terr	0.	ee81c406-f9b3-4958-9aa2-f7d01792324d
330	G2_terr	0.	5fd19583-b277-4110-8551-26844c77fc09
343	G2_terr	0.	f4bb6481-514c-420b-9bb4-9995dff3fa13
344	G2_terr	0.	2c5d8f63-6e17-4cf9-a21c-f99407379df2
345	G2_terr	0.	054f013f-6a5a-4736-859c-97d7a240db18

**Table: Joint Loads - Force, Part 2 of 2**

Joint	LoadPat	M3 KN-m	GUID
346	G2_terr	0.	44700d42-505f-4cae-9526-eb78c0edfc1d
347	G2_terr	0.	9d2baac2-115e-47d5-a86f-5719155fdbc2
348	G2_terr	0.	b6851ebd-7e6c-4f19-8655-bb68d7532d4a
361	G2_terr	0.	e904d7f9-85b8-40c6-8a15-218f87ae0631
362	G2_terr	0.	6b6911a6-948d-41a3-bc99-864550a569a9
363	G2_terr	0.	efdbe143-5635-4235-9c92-4c2bbebf08b8
364	G2_terr	0.	00e364a2-28ce-4d01-87ee-57681d52569d
365	G2_terr	0.	70a5f4b2-8f38-4f7d-a8df-558928384bf2
366	G2_terr	0.	e6f54913-60f9-416e-89e6-d14012b0b93a
379	G2_terr	0.	20ea0603-3229-4bfa-b84d-e6c94e9eb8b3
380	G2_terr	0.	b8b028dd-2bf4-4b49-98e0-8a34e81e6522
381	G2_terr	0.	446dc916-7cdd-459e-ad d5-1335cc6b1d95
382	G2_terr	0.	b5c9340f-d40a-466d-9f16-a993e4f7b1f9
383	G2_terr	0.	7c5b080f-2412-499f-8d7f-d01e4ddb32dc
384	G2_terr	0.	43d6d516-40f3-4991-a239-a6ef6f6e1711
397	G2_terr	0.	389ba6c4-1c25-4373-aa4b-62cf69f0313b
398	G2_terr	0.	f7f76191-eb1e-4d1b-a7c5-2edacb30fedc
399	G2_terr	0.	5378717c-7f24-4955-81b2-11289ea4ee66
400	G2_terr	0.	1e39b166-626a-4cb8-b37e-bd643df0f330
401	G2_terr	0.	5706a9a5-6135-44aa-b6bb-462f12e7d8c6
402	G2_terr	0.	7b2a8c55-a5f5-458f-a239-18475c7f87bc
415	G2_terr	0.	2a4e3c9d-5199-4b05-a6a0-2a2d97b7e516
416	G2_terr	0.	14925896-1c22-45e0-b08b-3f91a29c3feb
417	G2_terr	0.	8fa135e4-1203-4fc7-8949-13f8dc077a24
418	G2_terr	0.	9bd7581f-50d3-4de7-997e-743fbb45289d
419	G2_terr	0.	796c15f1-b2b2-403a-bed e-efaa41110bb5
420	G2_terr	0.	0c5d12bf-3b78-4485-8a6e-5371ecd3a08e
433	G2_terr	0.	fe47c39f-f403-4cb6-90db-1208fb6e04f9
434	G2_terr	0.	b071b985-e9c8-43f2-b3a7-00db8e999053
435	G2_terr	0.	c5a61e5d-4078-4829-a5a2-ba3ac8a74a80

**Table: Joint Loads - Force, Part 2 of 2**

Joint	LoadPat	M3 KN-m	GUID
436	G2_terr	0.	91283b2b-378c-4e8d-a4c1-9e6d729adde0
437	G2_terr	0.	3ad47c24-eba6-4518-8d30-9a52276c3dfe
438	G2_terr	0.	04b24d00-6d4b-4795-9e72-c1ce89ec5844
451	G2_terr	0.	a5b8f368-9e84-4d4a-9bf8-dd5924aeb64c
452	G2_terr	0.	167b1e88-a07c-462f-9a49-075479926b7a
453	G2_terr	0.	fad1a79c-129c-4675-a699-6787bdfd4dce
454	G2_terr	0.	e2df1ec7-c143-4c57-84f3-34aa9b5fdd00
455	G2_terr	0.	9398a362-1d2d-4ed3-8157-91a23d9173a6
456	G2_terr	0.	6f519a64-f534-4f9a-9b22-e0b91d8a94fd
469	G2_terr	0.	2b4a95b3-eccd-4907-8f33-d2def2dedba9
470	G2_terr	0.	2cc8710a-4d81-4772-a4ee-a179f7e594b7
471	G2_terr	0.	279dc79e-2577-4017-b198-0b6d03159a51
472	G2_terr	0.	ded645ae-513f-4790-ae65-19b38cd42ab8
473	G2_terr	0.	d6a08fcb-80c4-421a-bbe4-c400b1d43cb2
474	G2_terr	0.	e5490d1e-5a19-4ce8-8262-7fb01f9fc5fd
487	G2_terr	0.	f8e74605-90a4-4dbf-a8a1-9e9ab12b4714
488	G2_terr	0.	cb7a869c-c16d-4b39-9cc5-900f98a25ac8
489	G2_terr	0.	a6728fde-9a49-482f-bd7f-79cdb67bd5fc
490	G2_terr	0.	774420d6-9aa7-498f-a262-91dd09ddb510
491	G2_terr	0.	50810ff0-83d7-4660-addc-add16b02f574
492	G2_terr	0.	4b6d4d26-81f0-4eb4-8a6a-ef7b524cb28d
505	G2_terr	0.	31a12ba7-3f48-40b3-b9ca-8b0909c9c6a9
506	G2_terr	0.	7da1c3fd-66ab-442b-9136-cffa8ef5174
507	G2_terr	0.	4017a1e5-7f19-4c07-b323-6e45c911ce6d
508	G2_terr	0.	7f890525-2d1d-455c-ae0f-630d0e347e08
509	G2_terr	0.	3f4e4d10-77e0-4763-b1c0-6eab7a28d9bb
510	G2_terr	0.	265a00e2-87fc-4536-8065-1a1ff5119e61
523	G2_terr	0.	72f64a05-522b-4ab9-afdf-2ba98b8633c1
524	G2_terr	0.	034add48-odd1-4990-9836-a840bef0b069
525	G2_terr	0.	9cf2f6f5-98c0-4f13-a435-dd00ab174818



Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
526	G2_terr	0.	3b8487e8-3e87-4d50-8913-9db3eed78ecb
527	G2_terr	0.	2f78d68d-ca7c-46ed-8bbc-924e1ebb3f17
528	G2_terr	0.	21db5ec9-111f-49e8-8943-3e42e7a066d2
543	G2_terr	0.	b942e063-7bfb-4985-85e7-df2228fe136a
543	Q_sisma	0.	ab80383b-e667-4ad9-9fa6-0c96110e608a
544	G2_terr	0.	23aace97-a745-4a97-a157-7a194183c7a6
544	Q_sisma	0.	774556f5-a601-4ece-a14e-aa6ae632c580
545	G2_terr	0.	553a2507-0422-4dad-8095-cb9ae7428569
545	Q_sisma	0.	e0c49aea-c153-458c-b830-32b425d3f81f
546	G2_terr	0.	b0453bda-ba05-4f13-91a8-cf94c54661fa
546	Q_sisma	0.	30edc20c-b1da-4bde-b849-9d3d0452725e
561	G2_terr	0.	cda3394d-a949-41ea-b929-8b145aee55eb
561	Q_sisma	0.	d2801ed6-a543-410b-9775-aa7a7d55cd3b
562	G2_terr	0.	a35ad70e-c8f8-4c20-8158-c9dec7df1814
562	Q_sisma	0.	f0ca1438-0d78-49c9-a7f1-907054d84489
563	G2_terr	0.	357757d0-637a-4e05-bb42-c26e0ae22035
563	Q_sisma	0.	068d1d81-c24c-4b46-845b-804d8318b854
564	G2_terr	0.	7744aa82-749c-4b19-bc4e-027a189edf98
564	Q_sisma	0.	6f7c3fa1-3deb-415c-8493-491064b6d929
579	G2_terr	0.	9c99c7d2-8d21-42d7-95b3-045ef9ccac61
579	Q_sisma	0.	312da6db-30a2-4047-8135-3e1824f9a9cb
580	G2_terr	0.	49300150-b5f6-4cd6-aa51-264f3d757afc
580	Q_sisma	0.	20134f08-c239-4e7c-8960-68a1baeacb8b
581	G2_terr	0.	5029986f-80d5-413b-b578-8053bbde0c08
581	Q_sisma	0.	da1fdabb-8861-431b-b937-04053023fb9d
582	G2_terr	0.	09b295cb-f8bc-4bad-b101-8f0345c0c096
582	Q_sisma	0.	28da328b-2e60-457e-ae1b-84eedc6d00a9
595	G2_terr	0.	d0851222-15e0-46d2-83f9-b909cabdef5f
595	Q_sisma	0.	5ad30aa8-10d4-4dab-a041-c8c40c7eb1e8
596	G2_terr	0.	292d9f7e-0ef8-4196-88bc-c7da19c96107

Table: Joint Loads - Force, Part 2 of 2

Joint	LoadPat	M3 KN-m	GUID
596	Q_sisma	0.	33e74801-2800-4a41-a0f0-5db4abeeaa60
597	G2_terr	0.	aac786a0-1178-41ec-a208-6db6bc312d07
597	Q_sisma	0.	4de42c89-6030-402b-bef5-d0e3ceca97bc
598	G2_terr	0.	8b9778a1-225c-41e5-8cf5-e7d0a63c9ed6
598	Q_sisma	0.	e52d5b35-729e-4fe7-bc37-931556a92947
599	G2_terr	0.	77f80fcf-a7fc-4412-85d0-9e10f2236e93
599	Q_sisma	0.	435b3c5a-18e8-43a6-aaed-a496763e52c8
600	G2_terr	0.	396e4768-fdf1-42f7-a379-cb9cc9cd04ce
600	Q_sisma	0.	149a4e04-6f40-4f52-a96a-56af1605e90a
655	G2_terr	0.	c87c5300-ab54-4e55-b0f2-c266c7592690
655	Q_sisma	0.	0e3a3248-ab1b-4c49-99ec-60f82e818d04
714	G2_terr	0.	5c524898-3ad8-47c0-9fb5-58f12c23663d
715	G2_terr	0.	6c875f98-9b68-412a-87f3-1ef557aa0c69
716	G2_terr	0.	3f685503-55d8-4664-bddb-109ab1de16a4
717	G2_terr	0.	ac3a672f-39e0-4ca8-b204-e20424df3223
730	G2_terr	0.	06d53c1e-1d63-438b-aea4-e873ac24e564
731	G2_terr	0.	0d9a55c8-4521-408a-944a-b039ce46590a
732	G2_terr	0.	82b68837-b2a7-41d3-abf0-e6460e3c355d
733	G2_terr	0.	2128b780-32a5-41d1-bb2e-60584d7cf9de
746	G2_terr	0.	9fe13d1f-1bda-4a49-9ff4-8a19e9a3aff5
747	G2_terr	0.	17efb34f-8cb0-4923-87b0-e25513aa521b
748	G2_terr	0.	4aa7de04-1648-4299-9aeb-75a21f65f2a7
749	G2_terr	0.	869a0913-0837-43b0-99a7-b6871b13449e
762	G2_terr	0.	906d5e67-4c78-471f-ac41-80444f123441
763	G2_terr	0.	4ceaa7c8-de54-4488-b04e-f0cd8f613724
764	G2_terr	0.	8bf4192d-6f8c-4060-9338-a165f1045f96
765	G2_terr	0.	8f48dbd6-c641-41d7-bcff-bbf5de28298c
766	G2_terr	0.	9f718cf8-4100-4019-b3c0-6732fbdbe28d
767	G2_terr	0.	845ab58d-a143-4b68-a40d-0488b55fc547
770	G2_terr	0.	6d1ad743-c599-4dac-a2a0-cca0ccc4e6da

**Table: Joint Loads - Force, Part 2 of 2**

Joint	LoadPat	M3 KN-m	GUID
772	G2_terr	0.	49b3d5e0-5273-45ad-beb8-3c06dd4dd277
786	Q1_traffico	0.	d98a910d-c40b-4fce-a50d-0f8f098058ee
790	Q1_traffico	0.	953654f0-02f6-493c-b9bd-8e59871d1b15
809	Q1_traffico	0.	03cd235c-fc3c-4faf-802c-70ac1c7e5d24
811	Q1_traffico	0.	2b8c285b-fcb0-4009-9c18-25249f3f4640
824	Q1_traffico	0.	6b6c5325-3905-4aaa-8585-54db9bcb42d1
826	Q1_traffico	0.	a18d7a5c-7120-4add-9ac7-656b2b004371
854	Q1_traffico	0.	67304188-5f5e-4e95-8fc1-10dac3222ff7
856	Q1_traffico	0.	65a2a112-e9cb-474c-b748-b4168e294fcc
869	Q1_traffico	0.	d941b337-12a0-4ea4-8d3e-190f2fc0eca4
871	Q1_traffico	0.	03e35f1e-f1aa-4760-865e-db72dcb4a0c3
980	Q1_traffico	0.	450878e8-1ba2-455d-bb5e-63605a94afe9
984	Q1_traffico	0.	0d605440-9857-4019-81cf-7520c82f02e6

**Table: Joint Spring Assignments 1 - Uncoupled**

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1 KN/m	U2 KN/m	U3 KN/m	R1 KN-m/rad	R2 KN-m/rad	R3 KN-m/rad
115	GLOBAL	18000.	18000.	15000.	0.	0.	0.
116	GLOBAL	18000.	18000.	15000.	0.	0.	0.
117	GLOBAL	18000.	18000.	15000.	0.	0.	0.
118	GLOBAL	18000.	18000.	15000.	0.	0.	0.
119	GLOBAL	18000.	18000.	15000.	0.	0.	0.
120	GLOBAL	36500.	36500.	29500.	0.	0.	0.
121	GLOBAL	36500.	36500.	29500.	0.	0.	0.
122	GLOBAL	36500.	36500.	29500.	0.	0.	0.
123	GLOBAL	36500.	36500.	29500.	0.	0.	0.
124	GLOBAL	36500.	36500.	29500.	0.	0.	0.
125	GLOBAL	52000.	52000.	35000.	0.	0.	0.
126	GLOBAL	52000.	52000.	35000.	0.	0.	0.
127	GLOBAL	52000.	52000.	35000.	0.	0.	0.
128	GLOBAL	52000.	52000.	35000.	0.	0.	0.
129	GLOBAL	52000.	52000.	35000.	0.	0.	0.
130	GLOBAL	52000.	52000.	35000.	0.	0.	0.
140	GLOBAL	52000.	52000.	56000.	0.	0.	0.
2	GLOBAL	18000.	18000.	15000.	0.	0.	0.
3	GLOBAL	18000.	18000.	15000.	0.	0.	0.
4	GLOBAL	18000.	18000.	15000.	0.	0.	0.
5	GLOBAL	18000.	18000.	15000.	0.	0.	0.
6	GLOBAL	18000.	18000.	15000.	0.	0.	0.
7	GLOBAL	36500.	36500.	29500.	0.	0.	0.
8	GLOBAL	36500.	36500.	29500.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
9	GLOBAL	36500.	36500.	29500.	0.	0.	0.
10	GLOBAL	36500.	36500.	29500.	0.	0.	0.
11	GLOBAL	36500.	36500.	29500.	0.	0.	0.
12	GLOBAL	52000.	52000.	35000.	0.	0.	0.
13	GLOBAL	52000.	52000.	35000.	0.	0.	0.
15	GLOBAL	52000.	52000.	35000.	0.	0.	0.
16	GLOBAL	52000.	52000.	35000.	0.	0.	0.
17	GLOBAL	52000.	52000.	35000.	0.	0.	0.
18	GLOBAL	52000.	52000.	35000.	0.	0.	0.
28	GLOBAL	52000.	52000.	56000.	0.	0.	0.
30	GLOBAL	18000.	18000.	15000.	0.	0.	0.
31	GLOBAL	18000.	18000.	15000.	0.	0.	0.
32	GLOBAL	18000.	18000.	15000.	0.	0.	0.
33	GLOBAL	18000.	18000.	15000.	0.	0.	0.
34	GLOBAL	18000.	18000.	15000.	0.	0.	0.
35	GLOBAL	36500.	36500.	29500.	0.	0.	0.
36	GLOBAL	36500.	36500.	29500.	0.	0.	0.
37	GLOBAL	36500.	36500.	29500.	0.	0.	0.
38	GLOBAL	36500.	36500.	29500.	0.	0.	0.
39	GLOBAL	36500.	36500.	29500.	0.	0.	0.
40	GLOBAL	52000.	52000.	35000.	0.	0.	0.
41	GLOBAL	52000.	52000.	35000.	0.	0.	0.
42	GLOBAL	52000.	52000.	35000.	0.	0.	0.
43	GLOBAL	52000.	52000.	35000.	0.	0.	0.
44	GLOBAL	52000.	52000.	35000.	0.	0.	0.
45	GLOBAL	52000.	52000.	35000.	0.	0.	0.
55	GLOBAL	52000.	52000.	56000.	0.	0.	0.
57	GLOBAL	18000.	18000.	15000.	0.	0.	0.
58	GLOBAL	18000.	18000.	15000.	0.	0.	0.
59	GLOBAL	18000.	18000.	15000.	0.	0.	0.
60	GLOBAL	18000.	18000.	15000.	0.	0.	0.
61	GLOBAL	18000.	18000.	15000.	0.	0.	0.
62	GLOBAL	36500.	36500.	29500.	0.	0.	0.
63	GLOBAL	36500.	36500.	29500.	0.	0.	0.
64	GLOBAL	36500.	36500.	29500.	0.	0.	0.
65	GLOBAL	36500.	36500.	29500.	0.	0.	0.
66	GLOBAL	36500.	36500.	29500.	0.	0.	0.
67	GLOBAL	52000.	52000.	35000.	0.	0.	0.
68	GLOBAL	52000.	52000.	35000.	0.	0.	0.
69	GLOBAL	52000.	52000.	35000.	0.	0.	0.
70	GLOBAL	52000.	52000.	35000.	0.	0.	0.
71	GLOBAL	52000.	52000.	35000.	0.	0.	0.
72	GLOBAL	52000.	52000.	35000.	0.	0.	0.
82	GLOBAL	52000.	52000.	56000.	0.	0.	0.
84	GLOBAL	18000.	18000.	15000.	0.	0.	0.
85	GLOBAL	18000.	18000.	15000.	0.	0.	0.
86	GLOBAL	18000.	18000.	15000.	0.	0.	0.
87	GLOBAL	18000.	18000.	15000.	0.	0.	0.
88	GLOBAL	18000.	18000.	15000.	0.	0.	0.
89	GLOBAL	36500.	36500.	29500.	0.	0.	0.
90	GLOBAL	36500.	36500.	29500.	0.	0.	0.
91	GLOBAL	36500.	36500.	29500.	0.	0.	0.
92	GLOBAL	36500.	36500.	29500.	0.	0.	0.
93	GLOBAL	36500.	36500.	29500.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
94	GLOBAL	52000.	52000.	35000.	0.	0.	0.
95	GLOBAL	52000.	52000.	35000.	0.	0.	0.
96	GLOBAL	52000.	52000.	35000.	0.	0.	0.
97	GLOBAL	52000.	52000.	35000.	0.	0.	0.
98	GLOBAL	52000.	52000.	35000.	0.	0.	0.
99	GLOBAL	52000.	52000.	35000.	0.	0.	0.
109	GLOBAL	52000.	52000.	56000.	0.	0.	0.
111	GLOBAL	18000.	18000.	15000.	0.	0.	0.
112	GLOBAL	18000.	18000.	15000.	0.	0.	0.
113	GLOBAL	18000.	18000.	15000.	0.	0.	0.
114	GLOBAL	18000.	18000.	15000.	0.	0.	0.
141	GLOBAL	18000.	18000.	15000.	0.	0.	0.
142	GLOBAL	36500.	36500.	29500.	0.	0.	0.
143	GLOBAL	36500.	36500.	29500.	0.	0.	0.
144	GLOBAL	36500.	36500.	29500.	0.	0.	0.
145	GLOBAL	36500.	36500.	29500.	0.	0.	0.
146	GLOBAL	36500.	36500.	29500.	0.	0.	0.
147	GLOBAL	52000.	52000.	35000.	0.	0.	0.
148	GLOBAL	52000.	52000.	35000.	0.	0.	0.
149	GLOBAL	52000.	52000.	35000.	0.	0.	0.
150	GLOBAL	52000.	52000.	35000.	0.	0.	0.
151	GLOBAL	52000.	52000.	35000.	0.	0.	0.
152	GLOBAL	52000.	52000.	35000.	0.	0.	0.
162	GLOBAL	52000.	52000.	56000.	0.	0.	0.
164	GLOBAL	18000.	18000.	15000.	0.	0.	0.
165	GLOBAL	18000.	18000.	15000.	0.	0.	0.
166	GLOBAL	18000.	18000.	15000.	0.	0.	0.
167	GLOBAL	18000.	18000.	15000.	0.	0.	0.
168	GLOBAL	18000.	18000.	15000.	0.	0.	0.
169	GLOBAL	36500.	36500.	29500.	0.	0.	0.
170	GLOBAL	36500.	36500.	29500.	0.	0.	0.
171	GLOBAL	36500.	36500.	29500.	0.	0.	0.
172	GLOBAL	36500.	36500.	29500.	0.	0.	0.
173	GLOBAL	36500.	36500.	29500.	0.	0.	0.
174	GLOBAL	52000.	52000.	35000.	0.	0.	0.
175	GLOBAL	52000.	52000.	35000.	0.	0.	0.
176	GLOBAL	52000.	52000.	35000.	0.	0.	0.
177	GLOBAL	52000.	52000.	35000.	0.	0.	0.
178	GLOBAL	52000.	52000.	35000.	0.	0.	0.
179	GLOBAL	52000.	52000.	35000.	0.	0.	0.
189	GLOBAL	52000.	52000.	56000.	0.	0.	0.
191	GLOBAL	18000.	18000.	15000.	0.	0.	0.
192	GLOBAL	18000.	18000.	15000.	0.	0.	0.
193	GLOBAL	18000.	18000.	15000.	0.	0.	0.
194	GLOBAL	18000.	18000.	15000.	0.	0.	0.
195	GLOBAL	18000.	18000.	15000.	0.	0.	0.
196	GLOBAL	36500.	36500.	29500.	0.	0.	0.
197	GLOBAL	36500.	36500.	29500.	0.	0.	0.
198	GLOBAL	36500.	36500.	29500.	0.	0.	0.
199	GLOBAL	36500.	36500.	29500.	0.	0.	0.
200	GLOBAL	36500.	36500.	29500.	0.	0.	0.
201	GLOBAL	52000.	52000.	35000.	0.	0.	0.
202	GLOBAL	52000.	52000.	35000.	0.	0.	0.
203	GLOBAL	52000.	52000.	35000.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
204	GLOBAL	52000.	52000.	35000.	0.	0.	0.
205	GLOBAL	52000.	52000.	35000.	0.	0.	0.
206	GLOBAL	52000.	52000.	35000.	0.	0.	0.
216	GLOBAL	52000.	52000.	56000.	0.	0.	0.
218	GLOBAL	18000.	18000.	15000.	0.	0.	0.
219	GLOBAL	18000.	18000.	15000.	0.	0.	0.
220	GLOBAL	18000.	18000.	15000.	0.	0.	0.
221	GLOBAL	18000.	18000.	15000.	0.	0.	0.
222	GLOBAL	18000.	18000.	15000.	0.	0.	0.
223	GLOBAL	36500.	36500.	29500.	0.	0.	0.
224	GLOBAL	36500.	36500.	29500.	0.	0.	0.
225	GLOBAL	36500.	36500.	29500.	0.	0.	0.
226	GLOBAL	36500.	36500.	29500.	0.	0.	0.
227	GLOBAL	36500.	36500.	29500.	0.	0.	0.
228	GLOBAL	52000.	52000.	35000.	0.	0.	0.
229	GLOBAL	52000.	52000.	35000.	0.	0.	0.
230	GLOBAL	52000.	52000.	35000.	0.	0.	0.
231	GLOBAL	52000.	52000.	35000.	0.	0.	0.
232	GLOBAL	52000.	52000.	35000.	0.	0.	0.
233	GLOBAL	52000.	52000.	35000.	0.	0.	0.
243	GLOBAL	52000.	52000.	56000.	0.	0.	0.
245	GLOBAL	18000.	18000.	15000.	0.	0.	0.
246	GLOBAL	18000.	18000.	15000.	0.	0.	0.
247	GLOBAL	18000.	18000.	15000.	0.	0.	0.
248	GLOBAL	18000.	18000.	15000.	0.	0.	0.
249	GLOBAL	18000.	18000.	15000.	0.	0.	0.
250	GLOBAL	36500.	36500.	29500.	0.	0.	0.
251	GLOBAL	36500.	36500.	29500.	0.	0.	0.
252	GLOBAL	36500.	36500.	29500.	0.	0.	0.
253	GLOBAL	36500.	36500.	29500.	0.	0.	0.
254	GLOBAL	36500.	36500.	29500.	0.	0.	0.
255	GLOBAL	52000.	52000.	35000.	0.	0.	0.
256	GLOBAL	52000.	52000.	35000.	0.	0.	0.
257	GLOBAL	52000.	52000.	35000.	0.	0.	0.
258	GLOBAL	52000.	52000.	35000.	0.	0.	0.
259	GLOBAL	52000.	52000.	35000.	0.	0.	0.
260	GLOBAL	52000.	52000.	35000.	0.	0.	0.
270	GLOBAL	52000.	52000.	56000.	0.	0.	0.
272	GLOBAL	18000.	18000.	15000.	0.	0.	0.
273	GLOBAL	18000.	18000.	15000.	0.	0.	0.
274	GLOBAL	18000.	18000.	15000.	0.	0.	0.
275	GLOBAL	18000.	18000.	15000.	0.	0.	0.
276	GLOBAL	18000.	18000.	15000.	0.	0.	0.
277	GLOBAL	36500.	36500.	29500.	0.	0.	0.
278	GLOBAL	36500.	36500.	29500.	0.	0.	0.
279	GLOBAL	36500.	36500.	29500.	0.	0.	0.
280	GLOBAL	36500.	36500.	29500.	0.	0.	0.
281	GLOBAL	36500.	36500.	29500.	0.	0.	0.
282	GLOBAL	52000.	52000.	35000.	0.	0.	0.
283	GLOBAL	52000.	52000.	35000.	0.	0.	0.
284	GLOBAL	52000.	52000.	35000.	0.	0.	0.
285	GLOBAL	52000.	52000.	35000.	0.	0.	0.
286	GLOBAL	52000.	52000.	35000.	0.	0.	0.
287	GLOBAL	52000.	52000.	35000.	0.	0.	0.

Table: Joint Spring Assignments 1 - Uncoupled

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
297	GLOBAL	52000.	52000.	56000.	0.	0.	0.
299	GLOBAL	18000.	18000.	15000.	0.	0.	0.
300	GLOBAL	18000.	18000.	15000.	0.	0.	0.
301	GLOBAL	18000.	18000.	15000.	0.	0.	0.
302	GLOBAL	18000.	18000.	15000.	0.	0.	0.
303	GLOBAL	18000.	18000.	15000.	0.	0.	0.
304	GLOBAL	36500.	36500.	29500.	0.	0.	0.
305	GLOBAL	36500.	36500.	29500.	0.	0.	0.
306	GLOBAL	36500.	36500.	29500.	0.	0.	0.
307	GLOBAL	36500.	36500.	29500.	0.	0.	0.
308	GLOBAL	36500.	36500.	29500.	0.	0.	0.
309	GLOBAL	52000.	52000.	35000.	0.	0.	0.
310	GLOBAL	52000.	52000.	35000.	0.	0.	0.
311	GLOBAL	52000.	52000.	35000.	0.	0.	0.
312	GLOBAL	52000.	52000.	35000.	0.	0.	0.
313	GLOBAL	52000.	52000.	35000.	0.	0.	0.
314	GLOBAL	52000.	52000.	35000.	0.	0.	0.
324	GLOBAL	52000.	52000.	56000.	0.	0.	0.
326	GLOBAL	18000.	18000.	15000.	0.	0.	0.
327	GLOBAL	18000.	18000.	15000.	0.	0.	0.
328	GLOBAL	18000.	18000.	15000.	0.	0.	0.
329	GLOBAL	18000.	18000.	15000.	0.	0.	0.
330	GLOBAL	18000.	18000.	15000.	0.	0.	0.
331	GLOBAL	36500.	36500.	29500.	0.	0.	0.
332	GLOBAL	36500.	36500.	29500.	0.	0.	0.
333	GLOBAL	36500.	36500.	29500.	0.	0.	0.
334	GLOBAL	36500.	36500.	29500.	0.	0.	0.
335	GLOBAL	36500.	36500.	29500.	0.	0.	0.
336	GLOBAL	52000.	52000.	35000.	0.	0.	0.
337	GLOBAL	52000.	52000.	35000.	0.	0.	0.
338	GLOBAL	52000.	52000.	35000.	0.	0.	0.
339	GLOBAL	52000.	52000.	35000.	0.	0.	0.
340	GLOBAL	52000.	52000.	35000.	0.	0.	0.
341	GLOBAL	52000.	52000.	35000.	0.	0.	0.
342	GLOBAL	52000.	52000.	56000.	0.	0.	0.
344	GLOBAL	18000.	18000.	15000.	0.	0.	0.
345	GLOBAL	18000.	18000.	15000.	0.	0.	0.
346	GLOBAL	18000.	18000.	15000.	0.	0.	0.
347	GLOBAL	18000.	18000.	15000.	0.	0.	0.
348	GLOBAL	18000.	18000.	15000.	0.	0.	0.
349	GLOBAL	36500.	36500.	29500.	0.	0.	0.
350	GLOBAL	36500.	36500.	29500.	0.	0.	0.
351	GLOBAL	36500.	36500.	29500.	0.	0.	0.
352	GLOBAL	36500.	36500.	29500.	0.	0.	0.
353	GLOBAL	36500.	36500.	29500.	0.	0.	0.
354	GLOBAL	52000.	52000.	35000.	0.	0.	0.
355	GLOBAL	52000.	52000.	35000.	0.	0.	0.
356	GLOBAL	52000.	52000.	35000.	0.	0.	0.
357	GLOBAL	52000.	52000.	35000.	0.	0.	0.
358	GLOBAL	52000.	52000.	35000.	0.	0.	0.
359	GLOBAL	52000.	52000.	35000.	0.	0.	0.
360	GLOBAL	52000.	52000.	56000.	0.	0.	0.
362	GLOBAL	18000.	18000.	15000.	0.	0.	0.
363	GLOBAL	18000.	18000.	15000.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
364	GLOBAL	18000.	18000.	15000.	0.	0.	0.
365	GLOBAL	18000.	18000.	15000.	0.	0.	0.
366	GLOBAL	18000.	18000.	15000.	0.	0.	0.
367	GLOBAL	36500.	36500.	29500.	0.	0.	0.
368	GLOBAL	36500.	36500.	29500.	0.	0.	0.
369	GLOBAL	36500.	36500.	29500.	0.	0.	0.
370	GLOBAL	36500.	36500.	29500.	0.	0.	0.
371	GLOBAL	36500.	36500.	29500.	0.	0.	0.
372	GLOBAL	52000.	52000.	35000.	0.	0.	0.
373	GLOBAL	52000.	52000.	35000.	0.	0.	0.
374	GLOBAL	52000.	52000.	35000.	0.	0.	0.
375	GLOBAL	52000.	52000.	35000.	0.	0.	0.
376	GLOBAL	52000.	52000.	35000.	0.	0.	0.
377	GLOBAL	52000.	52000.	35000.	0.	0.	0.
378	GLOBAL	52000.	52000.	56000.	0.	0.	0.
380	GLOBAL	18000.	18000.	15000.	0.	0.	0.
381	GLOBAL	18000.	18000.	15000.	0.	0.	0.
382	GLOBAL	18000.	18000.	15000.	0.	0.	0.
383	GLOBAL	18000.	18000.	15000.	0.	0.	0.
384	GLOBAL	18000.	18000.	15000.	0.	0.	0.
385	GLOBAL	36500.	36500.	29500.	0.	0.	0.
386	GLOBAL	36500.	36500.	29500.	0.	0.	0.
387	GLOBAL	36500.	36500.	29500.	0.	0.	0.
388	GLOBAL	36500.	36500.	29500.	0.	0.	0.
389	GLOBAL	36500.	36500.	29500.	0.	0.	0.
390	GLOBAL	52000.	52000.	35000.	0.	0.	0.
391	GLOBAL	52000.	52000.	35000.	0.	0.	0.
392	GLOBAL	52000.	52000.	35000.	0.	0.	0.
393	GLOBAL	52000.	52000.	35000.	0.	0.	0.
394	GLOBAL	52000.	52000.	35000.	0.	0.	0.
395	GLOBAL	52000.	52000.	35000.	0.	0.	0.
396	GLOBAL	52000.	52000.	56000.	0.	0.	0.
398	GLOBAL	18000.	18000.	15000.	0.	0.	0.
399	GLOBAL	18000.	18000.	15000.	0.	0.	0.
400	GLOBAL	18000.	18000.	15000.	0.	0.	0.
401	GLOBAL	18000.	18000.	15000.	0.	0.	0.
402	GLOBAL	18000.	18000.	15000.	0.	0.	0.
403	GLOBAL	36500.	36500.	29500.	0.	0.	0.
404	GLOBAL	36500.	36500.	29500.	0.	0.	0.
405	GLOBAL	36500.	36500.	29500.	0.	0.	0.
406	GLOBAL	36500.	36500.	29500.	0.	0.	0.
407	GLOBAL	36500.	36500.	29500.	0.	0.	0.
408	GLOBAL	52000.	52000.	35000.	0.	0.	0.
409	GLOBAL	52000.	52000.	35000.	0.	0.	0.
410	GLOBAL	52000.	52000.	35000.	0.	0.	0.
411	GLOBAL	52000.	52000.	35000.	0.	0.	0.
412	GLOBAL	52000.	52000.	35000.	0.	0.	0.
413	GLOBAL	52000.	52000.	35000.	0.	0.	0.
414	GLOBAL	52000.	52000.	56000.	0.	0.	0.
416	GLOBAL	18000.	18000.	15000.	0.	0.	0.
417	GLOBAL	18000.	18000.	15000.	0.	0.	0.
418	GLOBAL	18000.	18000.	15000.	0.	0.	0.
419	GLOBAL	18000.	18000.	15000.	0.	0.	0.
420	GLOBAL	18000.	18000.	15000.	0.	0.	0.



**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
421	GLOBAL	36500.	36500.	29500.	0.	0.	0.
422	GLOBAL	36500.	36500.	29500.	0.	0.	0.
423	GLOBAL	36500.	36500.	29500.	0.	0.	0.
424	GLOBAL	36500.	36500.	29500.	0.	0.	0.
425	GLOBAL	36500.	36500.	29500.	0.	0.	0.
426	GLOBAL	52000.	52000.	35000.	0.	0.	0.
427	GLOBAL	52000.	52000.	35000.	0.	0.	0.
428	GLOBAL	52000.	52000.	35000.	0.	0.	0.
429	GLOBAL	52000.	52000.	35000.	0.	0.	0.
430	GLOBAL	52000.	52000.	35000.	0.	0.	0.
431	GLOBAL	52000.	52000.	35000.	0.	0.	0.
432	GLOBAL	52000.	52000.	56000.	0.	0.	0.
434	GLOBAL	18000.	18000.	15000.	0.	0.	0.
435	GLOBAL	18000.	18000.	15000.	0.	0.	0.
436	GLOBAL	18000.	18000.	15000.	0.	0.	0.
437	GLOBAL	18000.	18000.	15000.	0.	0.	0.
438	GLOBAL	18000.	18000.	15000.	0.	0.	0.
439	GLOBAL	36500.	36500.	29500.	0.	0.	0.
440	GLOBAL	36500.	36500.	29500.	0.	0.	0.
441	GLOBAL	36500.	36500.	29500.	0.	0.	0.
442	GLOBAL	36500.	36500.	29500.	0.	0.	0.
443	GLOBAL	36500.	36500.	29500.	0.	0.	0.
444	GLOBAL	52000.	52000.	35000.	0.	0.	0.
445	GLOBAL	52000.	52000.	35000.	0.	0.	0.
446	GLOBAL	52000.	52000.	35000.	0.	0.	0.
447	GLOBAL	52000.	52000.	35000.	0.	0.	0.
448	GLOBAL	52000.	52000.	35000.	0.	0.	0.
449	GLOBAL	52000.	52000.	35000.	0.	0.	0.
450	GLOBAL	52000.	52000.	56000.	0.	0.	0.
452	GLOBAL	18000.	18000.	15000.	0.	0.	0.
453	GLOBAL	18000.	18000.	15000.	0.	0.	0.
454	GLOBAL	18000.	18000.	15000.	0.	0.	0.
455	GLOBAL	18000.	18000.	15000.	0.	0.	0.
456	GLOBAL	18000.	18000.	15000.	0.	0.	0.
457	GLOBAL	36500.	36500.	29500.	0.	0.	0.
458	GLOBAL	36500.	36500.	29500.	0.	0.	0.
459	GLOBAL	36500.	36500.	29500.	0.	0.	0.
460	GLOBAL	36500.	36500.	29500.	0.	0.	0.
461	GLOBAL	36500.	36500.	29500.	0.	0.	0.
462	GLOBAL	52000.	52000.	35000.	0.	0.	0.
463	GLOBAL	52000.	52000.	35000.	0.	0.	0.
464	GLOBAL	52000.	52000.	35000.	0.	0.	0.
465	GLOBAL	52000.	52000.	35000.	0.	0.	0.
466	GLOBAL	52000.	52000.	35000.	0.	0.	0.
467	GLOBAL	52000.	52000.	35000.	0.	0.	0.
468	GLOBAL	52000.	52000.	56000.	0.	0.	0.
470	GLOBAL	18000.	18000.	15000.	0.	0.	0.
471	GLOBAL	18000.	18000.	15000.	0.	0.	0.
472	GLOBAL	18000.	18000.	15000.	0.	0.	0.
473	GLOBAL	18000.	18000.	15000.	0.	0.	0.
474	GLOBAL	18000.	18000.	15000.	0.	0.	0.
475	GLOBAL	36500.	36500.	29500.	0.	0.	0.
476	GLOBAL	36500.	36500.	29500.	0.	0.	0.
477	GLOBAL	36500.	36500.	29500.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
478	GLOBAL	36500.	36500.	29500.	0.	0.	0.
479	GLOBAL	36500.	36500.	29500.	0.	0.	0.
480	GLOBAL	52000.	52000.	35000.	0.	0.	0.
481	GLOBAL	52000.	52000.	35000.	0.	0.	0.
482	GLOBAL	52000.	52000.	35000.	0.	0.	0.
483	GLOBAL	52000.	52000.	35000.	0.	0.	0.
484	GLOBAL	52000.	52000.	35000.	0.	0.	0.
485	GLOBAL	52000.	52000.	35000.	0.	0.	0.
486	GLOBAL	52000.	52000.	56000.	0.	0.	0.
488	GLOBAL	18000.	18000.	15000.	0.	0.	0.
489	GLOBAL	18000.	18000.	15000.	0.	0.	0.
490	GLOBAL	18000.	18000.	15000.	0.	0.	0.
491	GLOBAL	18000.	18000.	15000.	0.	0.	0.
492	GLOBAL	18000.	18000.	15000.	0.	0.	0.
493	GLOBAL	36500.	36500.	29500.	0.	0.	0.
494	GLOBAL	36500.	36500.	29500.	0.	0.	0.
495	GLOBAL	36500.	36500.	29500.	0.	0.	0.
496	GLOBAL	36500.	36500.	29500.	0.	0.	0.
497	GLOBAL	36500.	36500.	29500.	0.	0.	0.
498	GLOBAL	52000.	52000.	35000.	0.	0.	0.
499	GLOBAL	52000.	52000.	35000.	0.	0.	0.
500	GLOBAL	52000.	52000.	35000.	0.	0.	0.
501	GLOBAL	52000.	52000.	35000.	0.	0.	0.
502	GLOBAL	52000.	52000.	35000.	0.	0.	0.
503	GLOBAL	52000.	52000.	35000.	0.	0.	0.
504	GLOBAL	52000.	52000.	56000.	0.	0.	0.
506	GLOBAL	18000.	18000.	15000.	0.	0.	0.
507	GLOBAL	18000.	18000.	15000.	0.	0.	0.
508	GLOBAL	18000.	18000.	15000.	0.	0.	0.
509	GLOBAL	18000.	18000.	15000.	0.	0.	0.
510	GLOBAL	18000.	18000.	15000.	0.	0.	0.
511	GLOBAL	36500.	36500.	29500.	0.	0.	0.
512	GLOBAL	36500.	36500.	29500.	0.	0.	0.
513	GLOBAL	36500.	36500.	29500.	0.	0.	0.
514	GLOBAL	36500.	36500.	29500.	0.	0.	0.
515	GLOBAL	36500.	36500.	29500.	0.	0.	0.
516	GLOBAL	52000.	52000.	35000.	0.	0.	0.
517	GLOBAL	52000.	52000.	35000.	0.	0.	0.
518	GLOBAL	52000.	52000.	35000.	0.	0.	0.
519	GLOBAL	52000.	52000.	35000.	0.	0.	0.
520	GLOBAL	52000.	52000.	35000.	0.	0.	0.
521	GLOBAL	52000.	52000.	35000.	0.	0.	0.
522	GLOBAL	52000.	52000.	56000.	0.	0.	0.
524	GLOBAL	18000.	18000.	15000.	0.	0.	0.
525	GLOBAL	18000.	18000.	15000.	0.	0.	0.
526	GLOBAL	18000.	18000.	15000.	0.	0.	0.
527	GLOBAL	18000.	18000.	15000.	0.	0.	0.
528	GLOBAL	18000.	18000.	15000.	0.	0.	0.
529	GLOBAL	36500.	36500.	29500.	0.	0.	0.
530	GLOBAL	36500.	36500.	29500.	0.	0.	0.
531	GLOBAL	36500.	36500.	29500.	0.	0.	0.
532	GLOBAL	36500.	36500.	29500.	0.	0.	0.
533	GLOBAL	36500.	36500.	29500.	0.	0.	0.
534	GLOBAL	52000.	52000.	35000.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
535	GLOBAL	52000.	52000.	35000.	0.	0.	0.
536	GLOBAL	52000.	52000.	35000.	0.	0.	0.
537	GLOBAL	52000.	52000.	35000.	0.	0.	0.
538	GLOBAL	52000.	52000.	35000.	0.	0.	0.
539	GLOBAL	52000.	52000.	35000.	0.	0.	0.
540	GLOBAL	52000.	52000.	56000.	0.	0.	0.
543	GLOBAL	18000.	18000.	15000.	0.	0.	0.
544	GLOBAL	18000.	18000.	15000.	0.	0.	0.
545	GLOBAL	18000.	18000.	15000.	0.	0.	0.
546	GLOBAL	18000.	18000.	15000.	0.	0.	0.
547	GLOBAL	36500.	36500.	29500.	0.	0.	0.
548	GLOBAL	36500.	36500.	29500.	0.	0.	0.
549	GLOBAL	36500.	36500.	29500.	0.	0.	0.
550	GLOBAL	36500.	36500.	29500.	0.	0.	0.
551	GLOBAL	36500.	36500.	29500.	0.	0.	0.
552	GLOBAL	52000.	52000.	35000.	0.	0.	0.
553	GLOBAL	52000.	52000.	35000.	0.	0.	0.
558	GLOBAL	52000.	52000.	35000.	0.	0.	0.
561	GLOBAL	18000.	18000.	15000.	0.	0.	0.
562	GLOBAL	18000.	18000.	15000.	0.	0.	0.
563	GLOBAL	18000.	18000.	15000.	0.	0.	0.
564	GLOBAL	18000.	18000.	15000.	0.	0.	0.
565	GLOBAL	36500.	36500.	29500.	0.	0.	0.
566	GLOBAL	36500.	36500.	29500.	0.	0.	0.
567	GLOBAL	36500.	36500.	29500.	0.	0.	0.
568	GLOBAL	36500.	36500.	29500.	0.	0.	0.
569	GLOBAL	36500.	36500.	29500.	0.	0.	0.
570	GLOBAL	52000.	52000.	35000.	0.	0.	0.
571	GLOBAL	52000.	52000.	35000.	0.	0.	0.
576	GLOBAL	52000.	52000.	35000.	0.	0.	0.
579	GLOBAL	18000.	18000.	15000.	0.	0.	0.
580	GLOBAL	18000.	18000.	15000.	0.	0.	0.
581	GLOBAL	18000.	18000.	15000.	0.	0.	0.
582	GLOBAL	18000.	18000.	15000.	0.	0.	0.
583	GLOBAL	36500.	36500.	29500.	0.	0.	0.
584	GLOBAL	36500.	36500.	29500.	0.	0.	0.
585	GLOBAL	36500.	36500.	29500.	0.	0.	0.
586	GLOBAL	36500.	36500.	29500.	0.	0.	0.
587	GLOBAL	36500.	36500.	29500.	0.	0.	0.
588	GLOBAL	52000.	52000.	35000.	0.	0.	0.
589	GLOBAL	52000.	52000.	35000.	0.	0.	0.
594	GLOBAL	52000.	52000.	35000.	0.	0.	0.
601	GLOBAL	18000.	18000.	15000.	0.	0.	0.
602	GLOBAL	18000.	18000.	15000.	0.	0.	0.
603	GLOBAL	18000.	18000.	15000.	0.	0.	0.
604	GLOBAL	18000.	18000.	15000.	0.	0.	0.
605	GLOBAL	36500.	36500.	29500.	0.	0.	0.
606	GLOBAL	36500.	36500.	29500.	0.	0.	0.
607	GLOBAL	36500.	36500.	29500.	0.	0.	0.
608	GLOBAL	36500.	36500.	29500.	0.	0.	0.
609	GLOBAL	36500.	36500.	29500.	0.	0.	0.
610	GLOBAL	52000.	52000.	35000.	0.	0.	0.
611	GLOBAL	52000.	52000.	35000.	0.	0.	0.
616	GLOBAL	52000.	52000.	35000.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
617	GLOBAL	18000.	18000.	15000.	0.	0.	0.
618	GLOBAL	18000.	18000.	15000.	0.	0.	0.
619	GLOBAL	18000.	18000.	15000.	0.	0.	0.
620	GLOBAL	18000.	18000.	15000.	0.	0.	0.
621	GLOBAL	36500.	36500.	29500.	0.	0.	0.
622	GLOBAL	36500.	36500.	29500.	0.	0.	0.
623	GLOBAL	36500.	36500.	29500.	0.	0.	0.
624	GLOBAL	36500.	36500.	29500.	0.	0.	0.
625	GLOBAL	36500.	36500.	29500.	0.	0.	0.
626	GLOBAL	52000.	52000.	35000.	0.	0.	0.
627	GLOBAL	52000.	52000.	35000.	0.	0.	0.
632	GLOBAL	52000.	52000.	35000.	0.	0.	0.
633	GLOBAL	18000.	18000.	15000.	0.	0.	0.
634	GLOBAL	18000.	18000.	15000.	0.	0.	0.
635	GLOBAL	18000.	18000.	15000.	0.	0.	0.
636	GLOBAL	18000.	18000.	15000.	0.	0.	0.
637	GLOBAL	36500.	36500.	29500.	0.	0.	0.
638	GLOBAL	36500.	36500.	29500.	0.	0.	0.
639	GLOBAL	36500.	36500.	29500.	0.	0.	0.
640	GLOBAL	36500.	36500.	29500.	0.	0.	0.
641	GLOBAL	36500.	36500.	29500.	0.	0.	0.
642	GLOBAL	52000.	52000.	35000.	0.	0.	0.
643	GLOBAL	52000.	52000.	35000.	0.	0.	0.
648	GLOBAL	52000.	52000.	35000.	0.	0.	0.
655	GLOBAL	18000.	18000.	15000.	0.	0.	0.
660	GLOBAL	18000.	18000.	15000.	0.	0.	0.
661	GLOBAL	18000.	18000.	15000.	0.	0.	0.
662	GLOBAL	18000.	18000.	15000.	0.	0.	0.
663	GLOBAL	18000.	18000.	15000.	0.	0.	0.
664	GLOBAL	36500.	36500.	29500.	0.	0.	0.
665	GLOBAL	36500.	36500.	29500.	0.	0.	0.
666	GLOBAL	36500.	36500.	29500.	0.	0.	0.
667	GLOBAL	36500.	36500.	29500.	0.	0.	0.
668	GLOBAL	36500.	36500.	29500.	0.	0.	0.
669	GLOBAL	52000.	52000.	35000.	0.	0.	0.
670	GLOBAL	52000.	52000.	35000.	0.	0.	0.
675	GLOBAL	52000.	52000.	35000.	0.	0.	0.
676	GLOBAL	18000.	18000.	15000.	0.	0.	0.
677	GLOBAL	18000.	18000.	15000.	0.	0.	0.
678	GLOBAL	18000.	18000.	15000.	0.	0.	0.
679	GLOBAL	18000.	18000.	15000.	0.	0.	0.
680	GLOBAL	36500.	36500.	29500.	0.	0.	0.
681	GLOBAL	36500.	36500.	29500.	0.	0.	0.
682	GLOBAL	36500.	36500.	29500.	0.	0.	0.
683	GLOBAL	36500.	36500.	29500.	0.	0.	0.
684	GLOBAL	36500.	36500.	29500.	0.	0.	0.
685	GLOBAL	52000.	52000.	35000.	0.	0.	0.
686	GLOBAL	52000.	52000.	35000.	0.	0.	0.
692	GLOBAL	18000.	18000.	15000.	0.	0.	0.
693	GLOBAL	18000.	18000.	15000.	0.	0.	0.
694	GLOBAL	18000.	18000.	15000.	0.	0.	0.
695	GLOBAL	18000.	18000.	15000.	0.	0.	0.
696	GLOBAL	36500.	36500.	29500.	0.	0.	0.
697	GLOBAL	36500.	36500.	29500.	0.	0.	0.

**Table: Joint Spring Assignments 1 - Uncoupled**

Joint	CoordSys	U1	U2	U3	R1	R2	R3
		KN/m	KN/m	KN/m	KN-m/rad	KN-m/rad	KN-m/rad
698	GLOBAL	36500.	36500.	29500.	0.	0.	0.
699	GLOBAL	36500.	36500.	29500.	0.	0.	0.
700	GLOBAL	36500.	36500.	29500.	0.	0.	0.
701	GLOBAL	52000.	52000.	35000.	0.	0.	0.
702	GLOBAL	52000.	52000.	35000.	0.	0.	0.
714	GLOBAL	18000.	18000.	15000.	0.	0.	0.
715	GLOBAL	18000.	18000.	15000.	0.	0.	0.
716	GLOBAL	18000.	18000.	15000.	0.	0.	0.
717	GLOBAL	18000.	18000.	15000.	0.	0.	0.
718	GLOBAL	36500.	36500.	29500.	0.	0.	0.
719	GLOBAL	36500.	36500.	29500.	0.	0.	0.
720	GLOBAL	36500.	36500.	29500.	0.	0.	0.
721	GLOBAL	36500.	36500.	29500.	0.	0.	0.
722	GLOBAL	36500.	36500.	29500.	0.	0.	0.
723	GLOBAL	52000.	52000.	35000.	0.	0.	0.
724	GLOBAL	52000.	52000.	35000.	0.	0.	0.
729	GLOBAL	52000.	52000.	35000.	0.	0.	0.
730	GLOBAL	18000.	18000.	15000.	0.	0.	0.
731	GLOBAL	18000.	18000.	15000.	0.	0.	0.
732	GLOBAL	18000.	18000.	15000.	0.	0.	0.
733	GLOBAL	18000.	18000.	15000.	0.	0.	0.
734	GLOBAL	36500.	36500.	29500.	0.	0.	0.
735	GLOBAL	36500.	36500.	29500.	0.	0.	0.
736	GLOBAL	36500.	36500.	29500.	0.	0.	0.
737	GLOBAL	36500.	36500.	29500.	0.	0.	0.
738	GLOBAL	36500.	36500.	29500.	0.	0.	0.
739	GLOBAL	52000.	52000.	35000.	0.	0.	0.
740	GLOBAL	52000.	52000.	35000.	0.	0.	0.
745	GLOBAL	52000.	52000.	35000.	0.	0.	0.
746	GLOBAL	18000.	18000.	15000.	0.	0.	0.
747	GLOBAL	18000.	18000.	15000.	0.	0.	0.
748	GLOBAL	18000.	18000.	15000.	0.	0.	0.
749	GLOBAL	18000.	18000.	15000.	0.	0.	0.
750	GLOBAL	36500.	36500.	29500.	0.	0.	0.
751	GLOBAL	36500.	36500.	29500.	0.	0.	0.
752	GLOBAL	36500.	36500.	29500.	0.	0.	0.
753	GLOBAL	36500.	36500.	29500.	0.	0.	0.
754	GLOBAL	36500.	36500.	29500.	0.	0.	0.
755	GLOBAL	52000.	52000.	35000.	0.	0.	0.
756	GLOBAL	52000.	52000.	35000.	0.	0.	0.
761	GLOBAL	52000.	52000.	35000.	0.	0.	0.
768	GLOBAL	18000.	18000.	15000.	0.	0.	0.
771	GLOBAL	18000.	18000.	15000.	0.	0.	0.
772	GLOBAL	18000.	18000.	15000.	0.	0.	0.
998	GLOBAL	52000.	52000.	35000.	0.	0.	0.
999	GLOBAL	52000.	52000.	35000.	0.	0.	0.

**Table: Link Property Definitions 01 - General, Part 1 of 3**

**Table: Link Property Definitions 01 - General, Part 1 of 3**

Link	LinkType	Mass	Weight	RotInert1	RotInert2	RotInert3	DefLength
		KN-s2/m	KN	KN-m-s2	KN-m-s2	KN-m-s2	m
AppoPile	MultiLinear Elastic	0.	0.	0.	0.	0.	1.

**Table: Link Property Definitions 01 - General, Part 1 of 3**

Link	LinkType	Mass KN-s2/m	Weight KN	RotInert1 KN-m-s2	RotInert2 KN-m-s2	RotInert3 KN-m-s2	DefLength m
AppoSP	MultiLinear Elastic	0.	0.	0.	0.	0.	1.
RIGIDO	Linear	0.	0.	0.	0.	0.	1.

**Table: Link Property Definitions 01 - General, Part 2 of 3**

**Table: Link Property Definitions 01 - General, Part 2 of 3**

Link	DefArea m2	PDM2I	PDM2J	PDM3I	PDM3J	StiffDFact	Color
AppoPile	1.	0.	0.	0.	0.	1.	Yellow
AppoSP	1.	0.	0.	0.	0.	1.	Yellow
RIGIDO	1.	0.	0.	0.	0.	1.	Gray8Dark

**Table: Link Property Definitions 01 - General, Part 3 of 3**

**Table: Link Property Definitions 01 - General, Part 3 of 3**

Link	GUID	Notes
AppoPile		Added 13/10/2015 9:17:15
AppoSP		Added 12/10/2015 17:49:41
RIGIDO		Added 10/02/2022 16:46:49

**Table: Link Property Definitions 02 - Linear**

**Table: Link Property Definitions 02 - Linear**

Link	DOF	Fixed
RIGIDO	U1	Yes
RIGIDO	U2	Yes
RIGIDO	U3	Yes
RIGIDO	R1	Yes
RIGIDO	R2	Yes
RIGIDO	R3	Yes

**Table: Link Property Definitions 03 - MultiLinear**

**Table: Link Property Definitions 03 - MultiLinear**

Link	DOF	Fixed	NonLinear	TransKE KN/m	TransCE KN-s/m	DJ m
AppoPile	U1	No	No	50000000.	0.	
AppoPile	U2	No	No	4630.	0.	0.26
AppoPile	U3	No	No	4630.	0.	0.26
AppoSP	U1	No	No	50000000.	0.	
AppoSP	U2	No	No	4630.	0.	0.26
AppoSP	U3	No	No	4630.	0.	0.26

**Table: Load Case Definitions, Part 1 of 3**

Table: Load Case Definitions, Part 1 of 3

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesTypeOpt	DesignType
MODAL	LinModal	Zero				Prog Det	Other
G1_sol	LinStatic	Zero				Prog Det	Live
G1_travi	LinStatic	Zero				Prog Det	Live
G1_trasv	LinStatic	Zero				Prog Det	Live
G1_pile	LinStatic	Zero				Prog Det	Dead
G1_Imp	LinStatic	Zero				Prog Det	Live
G1_Tot	LinStatic	Zero				Prog Det	Dead
G2_Tot	LinStatic	Zero				Prog Det	Live
Q1_Schema_1	LinStatic	Zero				Prog Det	Live
Q3_Fr	LinStatic	Zero				Prog Det	Live
Q4_Cen	LinStatic	Zero				Prog Det	Live
Q5_WhPC	LinStatic	Zero				Prog Det	Live
Q5_WhPS	LinStatic	Zero				Prog Det	Live
Q5_WvZ+	LinStatic	Zero				Prog Det	Live
Q5_WvZ-	LinStatic	Zero				Prog Det	Live
Q5_Wpile	LinStatic	Zero				Prog Det	Live
Q5_Wpc_Z+	LinStatic	Zero				Prog Det	Live
Q5_Wpc_Z-	LinStatic	Zero				Prog Det	Live
Q5_Wps_Z+	LinStatic	Zero				Prog Det	Live
Q5_Wps_Z-	LinStatic	Zero				Prog Det	Live
Q7_Tunif	LinStatic	Zero				Prog Det	Live
Ex_SLV	LinRespSpec		MODAL			Prog Det	Quake
Ey_SLV	LinRespSpec		MODAL			Prog Det	Quake
Ez_SLV	LinRespSpec		MODAL			Prog Det	Quake
Ex_SLC	LinRespSpec		MODAL			Prog Det	Quake
Ey_SLC	LinRespSpec		MODAL			Prog Det	Quake
Ez_SLC	LinRespSpec		MODAL			Prog Det	Quake
G1+G2_tot	LinStatic	Zero				Prog Det	Dead
G2_terr	LinStatic	Zero				Prog Det	Live
Q1_traffico	LinStatic	Zero				Prog Det	Live
Q_sisma	LinStatic	Zero				Prog Det	Live

**Table: Load Case Definitions, Part 2 of 3**

Table: Load Case Definitions, Part 2 of 3

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
MODAL	Prog Det	Other	None	Yes	Finished	
G1_sol	Prog Det	Short-Term Composite	None	Yes	Finished	
G1_travi	Prog Det	Short-Term Composite	None	Yes	Finished	
G1_trasv	Prog Det	Short-Term Composite	None	Yes	Finished	
G1_pile	Prog Det	Non-Composite	None	Yes	Finished	
G1_Imp	Prog Det	Short-Term Composite	None	Yes	Finished	
G1_Tot	Prog Det	Short-Term Composite	None	Yes	Finished	
G2_Tot	Prog Det	Short-Term Composite	None	Yes	Finished	

**Table: Load Case Definitions, Part 2 of 3**

Case	DesActOpt	DesignAct	AutoType	RunCase	CaseStatus	GUID
Q1_Schema_1	Prog Det	Short-Term Composite	None	Yes	Finished	
Q3_Fr	Prog Det	Short-Term Composite	None	Yes	Finished	
Q4_Cen	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_WhPC	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_WhPS	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_WvZ+	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_WvZ-	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_Wpile	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_Wpc_Z+	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_Wpc_Z-	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_Wps_Z+	Prog Det	Short-Term Composite	None	Yes	Finished	
Q5_Wps_Z-	Prog Det	Short-Term Composite	None	Yes	Finished	
Q7_Tunif	Prog Det	Short-Term Composite	None	Yes	Finished	
Ex_SLV	Prog Det	Short-Term Composite	None	Yes	Finished	
Ey_SLV	Prog Det	Short-Term Composite	None	Yes	Finished	
Ez_SLV	Prog Det	Short-Term Composite	None	Yes	Finished	
Ex_SLC	Prog Det	Short-Term Composite	None	Yes	Finished	
Ey_SLC	Prog Det	Short-Term Composite	None	Yes	Finished	
Ez_SLC	Prog Det	Short-Term Composite	None	Yes	Finished	
G1+G2_tot	Prog Det	Non-Composite	None	Yes	Finished	
G2_terr	Prog Det	Short-Term Composite	None	Yes	Finished	796d795b-ba6d-4b92-a910-901f9067599d
Q1_traffico	Prog Det	Short-Term Composite	None	Yes	Finished	4aaf9dae-3006-4d86-904b-275b37e0d474
Q_sisma	Prog Det	Short-Term Composite	None	Yes	Finished	3d6b8629-890d-4188-b8c1-6c40ed8f0b4d

**Table: Load Case Definitions, Part 3 of 3**

**Table: Load Case Definitions, Part 3 of 3**

Case	Notes
MODAL	
G1_sol	
G1_travi	
G1_trasv	
G1_pile	
G1_imp	



**Table: Load Case Definitions, Part 3 of 3**

Case	Notes
G1_Tot	
G2_Tot	
Q1_Schema	
_1	
Q3_Fr	
Q4_Cen	
Q5_WhPC	
Q5_WhPS	
Q5_WvZ+	
Q5_WvZ-	
Q5_Wpile	
Q5_Wpc_Z+	
Q5_Wpc_Z-	
Q5_Wps_Z+	
Q5_Wps_Z-	
Q7_Tunif	
Ex_SLV	
Ey_SLV	
Ez_SLV	
Ex_SLC	
Ey_SLC	
Ez_SLC	
G1+G2_tot	
G2_terr	
Q1_traffico	
Q_sisma	

**Table: Load Pattern Definitions**

**Table: Load Pattern Definitions**

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
G1_sol	Live	0.			
G1_travi	Live	0.			
G1_trasv	Live	0.			
G1_dead	Dead	1.			
G2_imp	Live	0.			
G2_terr	Live	0.		360a9fa7-66dd-47a8-9f7 a-c0086f45cc03	Added 03/03/2022 16:45:49
Q3_Fr	Live	0.			
Q4_Cen	Live	0.			
Q5_WhPC	Live	0.			
Q5_WhPS	Live	0.			
Q5_WvZ+	Live	0.			
Q5_WvZ-	Live	0.			
Q5_Wpile	Live	0.			
Q7_Tunif	Live	0.			
Q1_traffico	Live	0.		2cb1e5c6-7572-48da-ae 71-bbf74a02baad	Added 03/03/2022 21:21:29
Q_sisma	Live	0.		9a0a498b-e56e-4fce-b99 8-54304999e4a0	Added 04/03/2022 01:34:00

**Table: Material Properties 01 - General, Part 1 of 2**

**Table: Material Properties 01 - General, Part 1 of 2**

Material	Type	Grade	SymType	TempDepend	Color	GUID
4000Psi	Concrete		Isotropic	No	Blue	309e9984-660b-4ec7-88dd-516a0747e5f9
A416Gr270	Tendon	Grade 270	Uniaxial	No	White	
A615Gr60	Rebar		Uniaxial	No	Gray8Dark	
C25/30	Concrete		Isotropic	No	Blue	
C25/30_Fess	Concrete		Isotropic	No	Blue	
C25/30_noMass	Concrete		Isotropic	No	Blue	
C28/35	Concrete		Isotropic	No	Blue	
C28/35_Fess	Concrete		Isotropic	No	Blue	
C28/35_noMass	Concrete		Isotropic	No	Blue	
C40/50	Concrete		Isotropic	No	Blue	
C40/50noMass	Concrete		Isotropic	No	Blue	
C45/55	Concrete		Isotropic	No	Blue	
C45/55_noMass	Concrete		Isotropic	No	Blue	
RIG	Concrete		Isotropic	No	Blue	
S355_NoMass	Steel		Isotropic	No	Gray8Dark	

**Table: Material Properties 01 - General, Part 2 of 2**

**Table: Material Properties 01 - General, Part 2 of 2**

Material	Notes
4000Psi	Normalweight f'c = 4 ksi added 05/10/2015 17:09:31
A416Gr270	ASTM A416 Grade 270 10/02/2022 13:44:45
A615Gr60	ASTM A615 Grade 60 added 12/10/2015 17:42:09
C25/30	Normalweight Chinese C30 added 12/10/2015 17:39:34
C25/30_Fess	Normalweight Chinese C30 added 12/10/2015 17:39:34
C25/30_noMass	Normalweight Chinese C30 added 12/10/2015 17:39:34
C28/35	Normalweight Chinese C30 added 12/10/2015 17:39:34
C28/35_Fess	Normalweight Chinese C30 added 12/10/2015 17:39:34
C28/35_noMass	Normalweight Chinese C30 added 12/10/2015 17:39:34
C40/50	Normalweight Chinese C30 added 12/10/2015 17:39:34
C40/50noMass	Normalweight Chinese C30 added 12/10/2015 17:39:34
C45/55	Normalweight Chinese C30 added 12/10/2015 17:39:34
C45/55_noMass	Normalweight Chinese C30 added 12/10/2015 17:39:34

**Table: Material Properties 01 - General, Part 2 of 2**

Material	Notes
RIG	Normalweight Chinese C30 added 12/10/2015 17:39:34
S355_NoMa ss	ASTM A992 Fy=50 ksi added 05/10/2015 17:09:31

**Table: Material Properties 02 - Basic Mechanical Properties**

**Table: Material Properties 02 - Basic Mechanical Properties**

Material	UnitWeight KN/m3	UnitMass KN-s2/m4	E1 KN/m2	G12 KN/m2	U12	A1 1/C
4000Psi	2.3563E+01	2.4028E+00	24855578.28	10356490.95	0.2	9.9000E-06
A416Gr270	7.6973E+01	7.8490E+00	196500599.9			1.1700E-05
A615Gr60	7.6973E+01	7.8490E+00	199947978.8			1.1700E-05
C25/30	2.5000E+01	2.5493E+00	31447160.	13102983.33	0.2	9.9000E-06
C25/30_Fess	2.5000E+01	2.5493E+00	15723580.	6551491.67	0.2	9.9000E-06
C25/30_noM ass	0.0000E+00	0.0000E+00	31447160.	13102983.33	0.2	9.9000E-06
C28/35	2.5000E+01	2.5493E+00	32588110.	13578379.17	0.2	9.9000E-06
C28/35_Fess	2.5000E+01	2.5493E+00	16294055.	6789189.58	0.2	9.9000E-06
C28/35_noM ass	0.0000E+00	0.0000E+00	32588110.	13578379.17	0.2	9.9000E-06
C40/50	2.5000E+01	2.5493E+00	35547110.	14811295.83	0.2	9.9000E-06
C40/50noMa ss	0.0000E+00	0.0000E+00	35547110.	14811295.83	0.2	9.9000E-06
C45/55	2.5000E+01	2.5493E+00	36416110.	15173379.17	0.2	9.9000E-06
C45/55_noM ass	0.0000E+00	0.0000E+00	36416110.	15173379.17	0.2	9.9000E-06
RIG	0.0000E+00	0.0000E+00	3640000000.	1516666667.	0.2	9.9000E-06
S355_NoMa ss	0.0000E+00	0.0000E+00	210000000.	80769230.77	0.3	1.1700E-05

**Table: Material Properties 03a - Steel Data, Part 1 of 2**

**Table: Material Properties 03a - Steel Data, Part 1 of 2**

Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SMax
S355_NoMa ss	344737.89	448159.26	379211.68	492975.19	Simple	Kinematic	0.015	0.11

**Table: Material Properties 03a - Steel Data, Part 2 of 2**

**Table: Material Properties 03a - Steel Data, Part 2 of 2**

Material	SRup	FinalSlope
S355_NoMa ss	0.17	-0.1

**Table: Material Properties 03b - Concrete Data, Part 1 of 2**

Table: Material Properties 03b - Concrete Data, Part 1 of 2								
Material	Fc KN/m2	eFc KN/m2	LtWtConc	SSCurveOpt	SSHysType	SFf	SCap	FinalSlope
4000Psi	27579.03	27579.03	No	Mander	Takeda	0.002219	0.005	-0.1
C25/30	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C25/30_Fess	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C25/30_noM ass	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C28/35	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C28/35_Fess	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C28/35_noM ass	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C40/50	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C40/50noMa ss	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C45/55	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
C45/55_noM ass	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1
RIG	30000.	30000.	No	Mander	Takeda	0.002	0.005	-0.1

**Table: Material Properties 03b - Concrete Data, Part 2 of 2**Table: Material Properties 03b - Concrete  
Data, Part 2 of 2

Material	FAngle Degrees	DAngle Degrees
4000Psi	0.	0.
C25/30	0.	0.
C25/30_Fess	0.	0.
C25/30_noM ass	0.	0.
C28/35	0.	0.
C28/35_Fess	0.	0.
C28/35_noM ass	0.	0.
C40/50	0.	0.
C40/50noMa ss	0.	0.
C45/55	0.	0.
C45/55_noM ass	0.	0.
RIG	0.	0.

**Table: Material Properties 03e - Rebar Data, Part 1 of 2**

Table: Material Properties 03e - Rebar Data, Part 1 of 2								
Material	Fy KN/m2	Fu KN/m2	EffFy KN/m2	EffFu KN/m2	SSCurveOpt	SSHysType	SHard	SCap
A615Gr60	413685.47	620528.21	455054.02	682581.03	Simple	Kinematic	0.01	0.09

**Table: Material Properties 03e - Rebar Data, Part 2 of 2**

**Table: Material Properties 03e - Rebar Data, Part 2 of 2**

Material	FinalSlope	UseCTDef
A615Gr60	-0.1	No

**Table: Material Properties 03f - Tendon Data**

**Table: Material Properties 03f - Tendon Data**

Material	Fy KN/m2	Fu KN/m2	SSCurveOpt	SSHysType	FinalSlope
A416Gr270	1689905.16	1861584.63	270 ksi	Kinematic	-0.1

**Table: Material Properties 06 - Damping Parameters**

**Table: Material Properties 06 - Damping Parameters**

Material	ModalRatio	VisMass 1/Sec	VisStiff Sec	HysMass 1/Sec2	HysStiff
4000Psi	0.	0.	0.	0.	0.
A416Gr270	0.	0.	0.	0.	0.
A615Gr60	0.	0.	0.	0.	0.
C25/30	0.	0.	0.	0.	0.
C25/30_Fess	0.	0.	0.	0.	0.
C25/30_noMass	0.	0.	0.	0.	0.
C28/35	0.	0.	0.	0.	0.
C28/35_Fess	0.	0.	0.	0.	0.
C28/35_noMass	0.	0.	0.	0.	0.
C40/50	0.	0.	0.	0.	0.
C40/50noMass	0.	0.	0.	0.	0.
C45/55	0.	0.	0.	0.	0.
C45/55_noMass	0.	0.	0.	0.	0.
RIG	0.	0.	0.	0.	0.
S355_NoMass	0.	0.	0.	0.	0.

**Table: Element Forces - Area Shells, Part 1 of 5**

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
1	1	Shell-Thick	579	SLU_ENV	Combination	Max	-70.93	-843.23
1	1	Shell-Thick	561	SLU_ENV	Combination	Max	-17.82	-597.8
1	1	Shell-Thick	596	SLU_ENV	Combination	Max	81.76	-588.23
1	1	Shell-Thick	597	SLU_ENV	Combination	Max	-23.11	-833.67
1	1	Shell-Thick	579	SLU_ENV	Combination	Min	-199.51	-2366.14
1	1	Shell-Thick	561	SLU_ENV	Combination	Min	-37.62	-1536.53
1	1	Shell-Thick	596	SLU_ENV	Combination	Min	25.97	-1513.46
1	1	Shell-Thick	597	SLU_ENV	Combination	Min	-84.16	-2343.07
1	1	Shell-Thick	579	SLV_Ex	Combination		201.83	1337.54
1	1	Shell-Thick	561	SLV_Ex	Combination		151.29	1084.85
1	1	Shell-Thick	596	SLV_Ex	Combination		-71.21	1040.36
1	1	Shell-Thick	597	SLV_Ex	Combination		-20.67	1293.04
2	2	Shell-Thick	561	SLU_ENV	Combination	Max	69.61	-583.69
2	2	Shell-Thick	543	SLU_ENV	Combination	Max	-79.17	-1222.99
2	2	Shell-Thick	595	SLU_ENV	Combination	Max	-79.32	-1223.02
2	2	Shell-Thick	596	SLU_ENV	Combination	Max	116.76	-583.72
2	2	Shell-Thick	561	SLU_ENV	Combination	Min	46.97	-1516.23
2	2	Shell-Thick	543	SLU_ENV	Combination	Min	-210.66	-2908.98
2	2	Shell-Thick	595	SLU_ENV	Combination	Min	-161.79	-2899.21
2	2	Shell-Thick	596	SLU_ENV	Combination	Min	48.54	-1506.46
2	2	Shell-Thick	561	SLV_Ex	Combination		35.86	1061.77
2	2	Shell-Thick	543	SLV_Ex	Combination		192.4	1844.46
2	2	Shell-Thick	595	SLV_Ex	Combination		56.3	1817.24
2	2	Shell-Thick	596	SLV_Ex	Combination		-100.23	1034.55
3	3	Shell-Thick	597	SLU_ENV	Combination	Max	33.27	-612.41
3	3	Shell-Thick	596	SLU_ENV	Combination	Max	-41.96	-927.88
3	3	Shell-Thick	599	SLU_ENV	Combination	Max	-191.56	-957.8
3	3	Shell-Thick	600	SLU_ENV	Combination	Max	-128.47	-642.33
3	3	Shell-Thick	597	SLU_ENV	Combination	Min	6.92	-1827.
3	3	Shell-Thick	596	SLU_ENV	Combination	Min	-98.12	-2412.87
3	3	Shell-Thick	599	SLU_ENV	Combination	Min	-498.59	-2492.96
3	3	Shell-Thick	600	SLU_ENV	Combination	Min	-381.42	-1907.1
3	3	Shell-Thick	597	SLV_Ex	Combination		-89.45	949.12
3	3	Shell-Thick	596	SLV_Ex	Combination		28.44	1538.57
3	3	Shell-Thick	599	SLV_Ex	Combination		319.35	1596.75
3	3	Shell-Thick	600	SLV_Ex	Combination		201.46	1007.31
4	4	Shell-Thick	596	SLU_ENV	Combination	Max	-19.39	-923.37
4	4	Shell-Thick	595	SLU_ENV	Combination	Max	-40.48	-1028.82
4	4	Shell-Thick	598	SLU_ENV	Combination	Max	-212.65	-1063.26
4	4	Shell-Thick	599	SLU_ENV	Combination	Max	-191.56	-957.8
4	4	Shell-Thick	596	SLU_ENV	Combination	Min	-63.13	-2405.87
4	4	Shell-Thick	595	SLU_ENV	Combination	Min	-68.92	-2434.83
4	4	Shell-Thick	598	SLU_ENV	Combination	Min	-504.38	-2521.92
4	4	Shell-Thick	599	SLU_ENV	Combination	Min	-498.59	-2492.96
4	4	Shell-Thick	596	SLV_Ex	Combination		-0.59	1532.76
4	4	Shell-Thick	595	SLV_Ex	Combination		27.52	1673.33
4	4	Shell-Thick	598	SLV_Ex	Combination		347.46	1737.32
4	4	Shell-Thick	599	SLV_Ex	Combination		319.35	1596.75
5	5	Shell-Thick	633	SLU_ENV	Combination	Max	315.47	1748.19
5	5	Shell-Thick	617	SLU_ENV	Combination	Max	173.98	1040.74

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
5	5	Shell-Thick	650	SLU_ENV	Combination	Max	-60.97	977.65
5	5	Shell-Thick	651	SLU_ENV	Combination	Max	14.82	1685.1
5	5	Shell-Thick	633	SLU_ENV	Combination	Min	122.38	709.47
5	5	Shell-Thick	617	SLU_ENV	Combination	Min	53.65	365.79
5	5	Shell-Thick	650	SLU_ENV	Combination	Min	-141.46	342.87
5	5	Shell-Thick	651	SLU_ENV	Combination	Min	-7.02	686.54
5	5	Shell-Thick	633	SLV_Ex	Combination		-157.29	-1964.95
5	5	Shell-Thick	617	SLV_Ex	Combination		37.59	-990.57
5	5	Shell-Thick	650	SLV_Ex	Combination		87.25	-980.64
5	5	Shell-Thick	651	SLV_Ex	Combination		-107.62	-1955.02
7	7	Shell-Thick	651	SLU_ENV	Combination	Max	19.32	1668.64
7	7	Shell-Thick	650	SLU_ENV	Combination	Max	-1.2	1667.64
7	7	Shell-Thick	653	SLU_ENV	Combination	Max	347.57	1737.85
7	7	Shell-Thick	654	SLU_ENV	Combination	Max	347.77	1738.84
7	7	Shell-Thick	651	SLU_ENV	Combination	Min	-10.55	707.87
7	7	Shell-Thick	650	SLU_ENV	Combination	Min	-8.82	614.91
7	7	Shell-Thick	653	SLU_ENV	Combination	Min	128.38	641.9
7	7	Shell-Thick	654	SLU_ENV	Combination	Min	146.97	734.86
7	7	Shell-Thick	651	SLV_Ex	Combination		-50.27	-1668.28
7	7	Shell-Thick	650	SLV_Ex	Combination		-19.55	-1514.67
7	7	Shell-Thick	653	SLV_Ex	Combination		-314.74	-1573.71
7	7	Shell-Thick	654	SLV_Ex	Combination		-345.46	-1727.32
8	8	Shell-Thick	657	SLU_ENV	Combination	Max	3.24	1663.9
8	8	Shell-Thick	649	SLU_ENV	Combination	Max	-70.9	1015.53
8	8	Shell-Thick	652	SLU_ENV	Combination	Max	217.33	1090.16
8	8	Shell-Thick	653	SLU_ENV	Combination	Max	346.61	1736.54
8	8	Shell-Thick	657	SLU_ENV	Combination	Min	-2.6	609.26
8	8	Shell-Thick	649	SLU_ENV	Combination	Min	-126.55	267.13
8	8	Shell-Thick	652	SLU_ENV	Combination	Min	58.65	296.48
8	8	Shell-Thick	653	SLU_ENV	Combination	Min	126.97	638.07
8	8	Shell-Thick	657	SLV_Ex	Combination		-24.94	-1522.06
8	8	Shell-Thick	649	SLV_Ex	Combination		106.55	-864.6
8	8	Shell-Thick	652	SLV_Ex	Combination		-184.79	-929.41
8	8	Shell-Thick	653	SLV_Ex	Combination		-316.05	-1585.71
9	9	Shell-Thick	692	SLU_ENV	Combination	Max	324.56	1726.78
9	9	Shell-Thick	676	SLU_ENV	Combination	Max	197.73	1092.63
9	9	Shell-Thick	709	SLU_ENV	Combination	Max	-55.04	1026.9
9	9	Shell-Thick	710	SLU_ENV	Combination	Max	11.81	1661.05
9	9	Shell-Thick	692	SLU_ENV	Combination	Min	128.19	700.69
9	9	Shell-Thick	676	SLU_ENV	Combination	Min	67.8	398.76
9	9	Shell-Thick	709	SLU_ENV	Combination	Min	-130.93	374.19
9	9	Shell-Thick	710	SLU_ENV	Combination	Min	-10.56	676.12
9	9	Shell-Thick	692	SLV_Ex	Combination		401.8	2976.2
9	9	Shell-Thick	676	SLV_Ex	Combination		114.63	1540.38
9	9	Shell-Thick	709	SLV_Ex	Combination		-172.75	1482.9
9	9	Shell-Thick	710	SLV_Ex	Combination		114.41	2918.72
10	10	Shell-Thick	676	SLU_ENV	Combination	Max	310.86	1115.25
10	10	Shell-Thick	660	SLU_ENV	Combination	Max	324.41	1183.03
10	10	Shell-Thick	708	SLU_ENV	Combination	Max	-55.76	1098.72
10	10	Shell-Thick	709	SLU_ENV	Combination	Max	-36.53	1030.94
10	10	Shell-Thick	676	SLU_ENV	Combination	Min	141.2	413.44
10	10	Shell-Thick	660	SLU_ENV	Combination	Min	121.98	317.31
10	10	Shell-Thick	708	SLU_ENV	Combination	Min	-97.14	281.76
10	10	Shell-Thick	709	SLU_ENV	Combination	Min	-110.7	377.89

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
10	10	Shell-Thick	676	SLV_Ex	Combination		436.79	1604.81
10	10	Shell-Thick	660	SLV_Ex	Combination		415.89	1500.33
10	10	Shell-Thick	708	SLV_Ex	Combination		-133.1	1390.53
10	10	Shell-Thick	709	SLV_Ex	Combination		-112.2	1495.01
11	11	Shell-Thick	710	SLU_ENV	Combination	Max	17.5	1658.1
11	11	Shell-Thick	709	SLU_ENV	Combination	Max	-4.43	1643.87
11	11	Shell-Thick	712	SLU_ENV	Combination	Max	342.79	1713.93
11	11	Shell-Thick	713	SLU_ENV	Combination	Max	345.63	1728.17
11	11	Shell-Thick	710	SLU_ENV	Combination	Min	-11.8	701.33
11	11	Shell-Thick	709	SLU_ENV	Combination	Min	-12.49	602.47
11	11	Shell-Thick	712	SLU_ENV	Combination	Min	125.91	629.53
11	11	Shell-Thick	713	SLU_ENV	Combination	Min	145.68	728.39
11	11	Shell-Thick	710	SLV_Ex	Combination		155.49	3124.1
11	11	Shell-Thick	709	SLV_Ex	Combination		52.05	2606.92
11	11	Shell-Thick	712	SLV_Ex	Combination		540.94	2704.7
11	11	Shell-Thick	713	SLV_Ex	Combination		644.38	3221.88
12	12	Shell-Thick	709	SLU_ENV	Combination	Max	15.14	1647.92
12	12	Shell-Thick	708	SLU_ENV	Combination	Max	-54.68	1047.75
12	12	Shell-Thick	711	SLU_ENV	Combination	Max	222.75	1113.77
12	12	Shell-Thick	712	SLU_ENV	Combination	Max	342.79	1713.93
12	12	Shell-Thick	709	SLU_ENV	Combination	Min	6.68	606.17
12	12	Shell-Thick	708	SLU_ENV	Combination	Min	-107.34	287.16
12	12	Shell-Thick	711	SLU_ENV	Combination	Min	62.1	310.52
12	12	Shell-Thick	712	SLU_ENV	Combination	Min	125.91	629.53
12	12	Shell-Thick	709	SLV_Ex	Combination		112.6	2619.03
12	12	Shell-Thick	708	SLV_Ex	Combination		-145.35	1329.25
12	12	Shell-Thick	711	SLV_Ex	Combination		282.98	1414.92
12	12	Shell-Thick	712	SLV_Ex	Combination		540.94	2704.7
13	13	Shell-Thick	746	SLU_ENV	Combination	Max	-67.5	-852.54
13	13	Shell-Thick	730	SLU_ENV	Combination	Max	-10.14	-603.91
13	13	Shell-Thick	763	SLU_ENV	Combination	Max	73.91	-596.52
13	13	Shell-Thick	764	SLU_ENV	Combination	Max	-30.58	-845.15
13	13	Shell-Thick	746	SLU_ENV	Combination	Min	-193.87	-2388.94
13	13	Shell-Thick	730	SLU_ENV	Combination	Min	-32.67	-1544.78
13	13	Shell-Thick	763	SLU_ENV	Combination	Min	19.15	-1524.99
13	13	Shell-Thick	764	SLU_ENV	Combination	Min	-94.92	-2369.15
13	13	Shell-Thick	746	SLV_Ex	Combination		-325.27	-2579.13
13	13	Shell-Thick	730	SLV_Ex	Combination		-231.36	-2109.57
13	13	Shell-Thick	763	SLV_Ex	Combination		85.47	-2046.21
13	13	Shell-Thick	764	SLV_Ex	Combination		-8.45	-2515.76
15	15	Shell-Thick	764	SLU_ENV	Combination	Max	28.13	-605.57
15	15	Shell-Thick	763	SLU_ENV	Combination	Max	-45.	-917.25
15	15	Shell-Thick	766	SLU_ENV	Combination	Max	-189.22	-946.1
15	15	Shell-Thick	767	SLU_ENV	Combination	Max	-126.88	-634.41
15	15	Shell-Thick	764	SLU_ENV	Combination	Min	4.79	-1816.64
15	15	Shell-Thick	763	SLU_ENV	Combination	Min	-101.14	-2400.26
15	15	Shell-Thick	766	SLU_ENV	Combination	Min	-495.84	-2479.2
15	15	Shell-Thick	767	SLU_ENV	Combination	Min	-379.12	-1895.58
15	15	Shell-Thick	764	SLV_Ex	Combination		83.05	-2058.27
15	15	Shell-Thick	763	SLV_Ex	Combination		-174.82	-3347.62
15	15	Shell-Thick	766	SLV_Ex	Combination		-690.14	-3450.68
15	15	Shell-Thick	767	SLV_Ex	Combination		-432.27	-2161.34
16	16	Shell-Thick	770	SLU_ENV	Combination	Max	-39.82	-934.12
16	16	Shell-Thick	762	SLU_ENV	Combination	Max	-57.86	-1024.29



Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
16	16	Shell-Thick	765	SLU_ENV	Combination	Max	-211.7	-1053.43
16	16	Shell-Thick	766	SLU_ENV	Combination	Max	-193.39	-961.87
16	16	Shell-Thick	770	SLU_ENV	Combination	Min	-97.27	-2435.73
16	16	Shell-Thick	762	SLU_ENV	Combination	Min	-94.16	-2420.18
16	16	Shell-Thick	765	SLU_ENV	Combination	Min	-501.84	-2500.27
16	16	Shell-Thick	766	SLU_ENV	Combination	Min	-504.32	-2512.64
16	16	Shell-Thick	770	SLV_Ex	Combination		-170.24	-3395.98
16	16	Shell-Thick	762	SLV_Ex	Combination		-272.48	-3907.14
16	16	Shell-Thick	765	SLV_Ex	Combination		-805.49	-4004.92
16	16	Shell-Thick	766	SLV_Ex	Combination		-702.14	-3488.16
18	18	Shell-Thick	617	SLU_ENV	Combination	Max	-73.61	977.22
18	18	Shell-Thick	771	SLU_ENV	Combination	Max	-75.09	933.47
18	18	Shell-Thick	657	SLU_ENV	Combination	Max	545.52	1073.04
18	18	Shell-Thick	650	SLU_ENV	Combination	Max	554.27	1116.79
18	18	Shell-Thick	617	SLU_ENV	Combination	Min	-143.58	340.34
18	18	Shell-Thick	771	SLU_ENV	Combination	Min	-152.33	332.95
18	18	Shell-Thick	657	SLU_ENV	Combination	Min	223.7	392.7
18	18	Shell-Thick	650	SLU_ENV	Combination	Min	225.18	400.1
18	18	Shell-Thick	617	SLV_Ex	Combination		367.41	-924.61
18	18	Shell-Thick	771	SLV_Ex	Combination		380.12	-861.06
18	18	Shell-Thick	657	SLV_Ex	Combination		-660.08	-1069.1
18	18	Shell-Thick	650	SLV_Ex	Combination		-672.79	-1132.65
19	19	Shell-Thick	771	SLU_ENV	Combination	Max	292.25	1022.39
19	19	Shell-Thick	601	SLU_ENV	Combination	Max	349.08	1306.51
19	19	Shell-Thick	649	SLU_ENV	Combination	Max	-58.07	1218.92
19	19	Shell-Thick	657	SLU_ENV	Combination	Max	-58.6	934.8
19	19	Shell-Thick	771	SLU_ENV	Combination	Min	140.45	376.05
19	19	Shell-Thick	601	SLU_ENV	Combination	Min	140.98	378.73
19	19	Shell-Thick	649	SLU_ENV	Combination	Min	-88.89	338.92
19	19	Shell-Thick	657	SLU_ENV	Combination	Min	-145.71	336.24
19	19	Shell-Thick	771	SLV_Ex	Combination		-125.22	-962.13
19	19	Shell-Thick	601	SLV_Ex	Combination		-215.33	-1412.68
19	19	Shell-Thick	649	SLV_Ex	Combination		8.96	-1367.82
19	19	Shell-Thick	657	SLV_Ex	Combination		99.07	-917.27
20	20	Shell-Thick	730	SLU_ENV	Combination	Max	525.14	-563.55
20	20	Shell-Thick	772	SLU_ENV	Combination	Max	553.83	-501.27
20	20	Shell-Thick	770	SLU_ENV	Combination	Max	-347.9	-610.14
20	20	Shell-Thick	763	SLU_ENV	Combination	Max	-360.35	-672.42
20	20	Shell-Thick	730	SLU_ENV	Combination	Min	184.	-1434.75
20	20	Shell-Thick	772	SLU_ENV	Combination	Min	196.45	-1291.3
20	20	Shell-Thick	770	SLU_ENV	Combination	Min	-957.5	-1593.56
20	20	Shell-Thick	763	SLU_ENV	Combination	Min	-986.19	-1737.01
20	20	Shell-Thick	730	SLV_Ex	Combination		424.21	-1978.46
20	20	Shell-Thick	772	SLV_Ex	Combination		463.2	-1783.52
20	20	Shell-Thick	770	SLV_Ex	Combination		-1080.96	-2092.35
20	20	Shell-Thick	763	SLV_Ex	Combination		-1119.94	-2287.29
21	21	Shell-Thick	772	SLU_ENV	Combination	Max	127.81	-524.85
21	21	Shell-Thick	714	SLU_ENV	Combination	Max	-62.69	-1231.07
21	21	Shell-Thick	762	SLU_ENV	Combination	Max	-100.74	-1238.68
21	21	Shell-Thick	770	SLU_ENV	Combination	Max	114.97	-532.46
21	21	Shell-Thick	772	SLU_ENV	Combination	Min	78.56	-1376.5
21	21	Shell-Thick	714	SLU_ENV	Combination	Min	-189.58	-2963.43
21	21	Shell-Thick	762	SLU_ENV	Combination	Min	-202.42	-2966.
21	21	Shell-Thick	770	SLU_ENV	Combination	Min	40.5	-1379.07

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
21	21	Shell-Thick	772	SLV_Ex	Combination		208.97	-1834.37
21	21	Shell-Thick	714	SLV_Ex	Combination		-253.87	-4148.58
21	21	Shell-Thick	762	SLV_Ex	Combination		-324.61	-4162.73
21	21	Shell-Thick	770	SLV_Ex	Combination		138.23	-1848.52
34	34	Shell-Thick	765	SLU_ENV	Combination	Max	-74.09	27.2
34	34	Shell-Thick	325	SLU_ENV	Combination	Max	-28.45	50.44
34	34	Shell-Thick	773	SLU_ENV	Combination	Max	-30.11	7.42
34	34	Shell-Thick	774	SLU_ENV	Combination	Max	-75.75	-7.36
34	34	Shell-Thick	765	SLU_ENV	Combination	Min	-187.46	0.84
34	34	Shell-Thick	325	SLU_ENV	Combination	Min	-70.73	10.08
34	34	Shell-Thick	773	SLU_ENV	Combination	Min	-79.34	1.76
34	34	Shell-Thick	774	SLU_ENV	Combination	Min	-196.07	-15.93
34	34	Shell-Thick	765	SLV_Ex	Combination		-456.73	-35.32
34	34	Shell-Thick	325	SLV_Ex	Combination		-201.35	15.75
34	34	Shell-Thick	773	SLV_Ex	Combination		-202.67	9.17
34	34	Shell-Thick	774	SLV_Ex	Combination		-458.05	-41.9
35	35	Shell-Thick	774	SLU_ENV	Combination	Max	-65.55	-5.32
35	35	Shell-Thick	773	SLU_ENV	Combination	Max	-44.9	1.17
35	35	Shell-Thick	775	SLU_ENV	Combination	Max	-45.12	-2.06
35	35	Shell-Thick	776	SLU_ENV	Combination	Max	-65.77	-6.43
35	35	Shell-Thick	774	SLU_ENV	Combination	Min	-173.16	-11.35
35	35	Shell-Thick	773	SLU_ENV	Combination	Min	-114.17	-1.92
35	35	Shell-Thick	775	SLU_ENV	Combination	Min	-114.93	-3.57
35	35	Shell-Thick	776	SLU_ENV	Combination	Min	-173.92	-15.14
35	35	Shell-Thick	774	SLV_Ex	Combination		-379.72	-26.23
35	35	Shell-Thick	773	SLV_Ex	Combination		-271.	-4.49
35	35	Shell-Thick	775	SLV_Ex	Combination		-272.5	-11.98
35	35	Shell-Thick	776	SLV_Ex	Combination		-381.22	-33.72
36	36	Shell-Thick	776	SLU_ENV	Combination	Max	-65.38	-6.35
36	36	Shell-Thick	775	SLU_ENV	Combination	Max	-50.98	-3.47
36	36	Shell-Thick	777	SLU_ENV	Combination	Max	-50.76	-2.36
36	36	Shell-Thick	778	SLU_ENV	Combination	Max	-65.16	-5.24
36	36	Shell-Thick	776	SLU_ENV	Combination	Min	-174.5	-15.25
36	36	Shell-Thick	775	SLU_ENV	Combination	Min	-131.62	-6.68
36	36	Shell-Thick	777	SLU_ENV	Combination	Min	-131.33	-5.24
36	36	Shell-Thick	778	SLU_ENV	Combination	Min	-174.21	-13.82
36	36	Shell-Thick	776	SLV_Ex	Combination		-358.38	-29.16
36	36	Shell-Thick	775	SLV_Ex	Combination		-283.5	-14.18
36	36	Shell-Thick	777	SLV_Ex	Combination		-282.85	-10.96
36	36	Shell-Thick	778	SLV_Ex	Combination		-357.74	-25.94
37	37	Shell-Thick	778	SLU_ENV	Combination	Max	-63.6	-4.93
37	37	Shell-Thick	777	SLU_ENV	Combination	Max	-53.75	-2.96
37	37	Shell-Thick	779	SLU_ENV	Combination	Max	-53.72	-2.79
37	37	Shell-Thick	780	SLU_ENV	Combination	Max	-63.57	-4.76
37	37	Shell-Thick	778	SLU_ENV	Combination	Min	-170.94	-13.16
37	37	Shell-Thick	777	SLU_ENV	Combination	Min	-140.03	-6.98
37	37	Shell-Thick	779	SLU_ENV	Combination	Min	-140.01	-6.86
37	37	Shell-Thick	780	SLU_ENV	Combination	Min	-170.91	-13.04
37	37	Shell-Thick	778	SLV_Ex	Combination		-328.51	-20.09
37	37	Shell-Thick	777	SLV_Ex	Combination		-279.54	-10.3
37	37	Shell-Thick	779	SLV_Ex	Combination		-280.16	-13.39
37	37	Shell-Thick	780	SLV_Ex	Combination		-329.13	-23.18
38	38	Shell-Thick	780	SLU_ENV	Combination	Max	-62.74	-4.59
38	38	Shell-Thick	779	SLU_ENV	Combination	Max	-55.11	-3.07

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
38	38	Shell-Thick	781	SLU_ENV	Combination	Max	-54.94	-2.2
38	38	Shell-Thick	782	SLU_ENV	Combination	Max	-62.57	-3.72
38	38	Shell-Thick	780	SLU_ENV	Combination	Min	-169.24	-12.71
38	38	Shell-Thick	779	SLU_ENV	Combination	Min	-144.31	-7.72
38	38	Shell-Thick	781	SLU_ENV	Combination	Min	-143.88	-5.54
38	38	Shell-Thick	782	SLU_ENV	Combination	Min	-168.8	-10.52
38	38	Shell-Thick	780	SLV_Ex	Combination		-304.66	-18.29
38	38	Shell-Thick	779	SLV_Ex	Combination		-268.26	-11.01
38	38	Shell-Thick	781	SLV_Ex	Combination		-268.21	-10.76
38	38	Shell-Thick	782	SLV_Ex	Combination		-304.61	-18.04
39	39	Shell-Thick	782	SLU_ENV	Combination	Max	-61.72	-3.55
39	39	Shell-Thick	781	SLU_ENV	Combination	Max	-55.79	-2.37
39	39	Shell-Thick	783	SLU_ENV	Combination	Max	-55.72	-2.02
39	39	Shell-Thick	784	SLU_ENV	Combination	Max	-61.65	-3.2
39	39	Shell-Thick	782	SLU_ENV	Combination	Min	-166.77	-10.12
39	39	Shell-Thick	781	SLU_ENV	Combination	Min	-146.52	-6.07
39	39	Shell-Thick	783	SLU_ENV	Combination	Min	-146.34	-5.17
39	39	Shell-Thick	784	SLU_ENV	Combination	Min	-166.59	-9.22
39	39	Shell-Thick	782	SLV_Ex	Combination		-279.8	-13.08
39	39	Shell-Thick	781	SLV_Ex	Combination		-254.11	-7.94
39	39	Shell-Thick	783	SLV_Ex	Combination		-254.36	-9.17
39	39	Shell-Thick	784	SLV_Ex	Combination		-280.05	-14.3
40	40	Shell-Thick	784	SLU_ENV	Combination	Max	-61.09	-3.09
40	40	Shell-Thick	783	SLU_ENV	Combination	Max	-56.11	-2.09
40	40	Shell-Thick	785	SLU_ENV	Combination	Max	-56.03	-1.68
40	40	Shell-Thick	786	SLU_ENV	Combination	Max	-61.	-2.68
40	40	Shell-Thick	784	SLU_ENV	Combination	Min	-165.13	-8.93
40	40	Shell-Thick	783	SLU_ENV	Combination	Min	-147.59	-5.42
40	40	Shell-Thick	785	SLU_ENV	Combination	Min	-147.38	-4.35
40	40	Shell-Thick	786	SLU_ENV	Combination	Min	-164.92	-7.86
40	40	Shell-Thick	784	SLV_Ex	Combination		-256.39	-9.57
40	40	Shell-Thick	783	SLV_Ex	Combination		-237.99	-5.89
40	40	Shell-Thick	785	SLV_Ex	Combination		-238.24	-7.15
40	40	Shell-Thick	786	SLV_Ex	Combination		-256.65	-10.83
41	41	Shell-Thick	786	SLU_ENV	Combination	Max	-60.71	-2.62
41	41	Shell-Thick	785	SLU_ENV	Combination	Max	-56.22	-1.72
41	41	Shell-Thick	787	SLU_ENV	Combination	Max	-56.23	-1.74
41	41	Shell-Thick	788	SLU_ENV	Combination	Max	-60.71	-2.64
41	41	Shell-Thick	786	SLU_ENV	Combination	Min	-164.13	-7.7
41	41	Shell-Thick	785	SLU_ENV	Combination	Min	-147.96	-4.47
41	41	Shell-Thick	787	SLU_ENV	Combination	Min	-147.97	-4.53
41	41	Shell-Thick	788	SLU_ENV	Combination	Min	-164.14	-7.76
41	41	Shell-Thick	786	SLV_Ex	Combination		-233.58	-6.22
41	41	Shell-Thick	785	SLV_Ex	Combination		-221.19	-3.74
41	41	Shell-Thick	787	SLV_Ex	Combination		-221.58	-5.67
41	41	Shell-Thick	788	SLV_Ex	Combination		-233.96	-8.14
42	42	Shell-Thick	788	SLU_ENV	Combination	Max	-60.77	-2.65
42	42	Shell-Thick	787	SLU_ENV	Combination	Max	-56.28	-1.75
42	42	Shell-Thick	789	SLU_ENV	Combination	Max	-56.28	-1.72
42	42	Shell-Thick	790	SLU_ENV	Combination	Max	-60.76	-2.62
42	42	Shell-Thick	788	SLU_ENV	Combination	Min	-164.25	-7.78
42	42	Shell-Thick	787	SLU_ENV	Combination	Min	-148.08	-4.55
42	42	Shell-Thick	789	SLU_ENV	Combination	Min	-148.06	-4.47
42	42	Shell-Thick	790	SLU_ENV	Combination	Min	-164.23	-7.71

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
42	42	Shell-Thick	788	SLV_Ex	Combination		-211.95	-3.74
42	42	Shell-Thick	787	SLV_Ex	Combination		-204.03	-2.16
42	42	Shell-Thick	789	SLV_Ex	Combination		-204.44	-4.19
42	42	Shell-Thick	790	SLV_Ex	Combination		-212.36	-5.78
43	43	Shell-Thick	790	SLU_ENV	Combination	Max	-61.18	-2.71
43	43	Shell-Thick	789	SLU_ENV	Combination	Max	-56.2	-1.71
43	43	Shell-Thick	791	SLU_ENV	Combination	Max	-56.28	-2.12
43	43	Shell-Thick	792	SLU_ENV	Combination	Max	-61.26	-3.11
43	43	Shell-Thick	790	SLU_ENV	Combination	Min	-165.24	-7.91
43	43	Shell-Thick	789	SLU_ENV	Combination	Min	-147.68	-4.4
43	43	Shell-Thick	791	SLU_ENV	Combination	Min	-147.9	-5.46
43	43	Shell-Thick	792	SLU_ENV	Combination	Min	-165.46	-8.97
43	43	Shell-Thick	790	SLV_Ex	Combination		-190.95	-1.5
43	43	Shell-Thick	789	SLV_Ex	Combination		-187.07	-0.72
43	43	Shell-Thick	791	SLV_Ex	Combination		-187.49	-2.78
43	43	Shell-Thick	792	SLV_Ex	Combination		-191.36	-3.56
44	44	Shell-Thick	792	SLU_ENV	Combination	Max	-61.96	-3.25
44	44	Shell-Thick	791	SLU_ENV	Combination	Max	-56.01	-2.06
44	44	Shell-Thick	793	SLU_ENV	Combination	Max	-56.08	-2.42
44	44	Shell-Thick	794	SLU_ENV	Combination	Max	-62.03	-3.61
44	44	Shell-Thick	792	SLU_ENV	Combination	Min	-167.15	-9.31
44	44	Shell-Thick	791	SLU_ENV	Combination	Min	-146.87	-5.26
44	44	Shell-Thick	793	SLU_ENV	Combination	Min	-147.05	-6.16
44	44	Shell-Thick	794	SLU_ENV	Combination	Min	-167.33	-10.22
44	44	Shell-Thick	792	SLV_Ex	Combination		-170.69	0.58
44	44	Shell-Thick	791	SLV_Ex	Combination		-170.24	0.67
44	44	Shell-Thick	793	SLV_Ex	Combination		-170.68	-1.52
44	44	Shell-Thick	794	SLV_Ex	Combination		-171.13	-1.61
45	45	Shell-Thick	794	SLU_ENV	Combination	Max	-63.04	-3.81
45	45	Shell-Thick	793	SLU_ENV	Combination	Max	-55.36	-2.28
45	45	Shell-Thick	795	SLU_ENV	Combination	Max	-55.54	-3.17
45	45	Shell-Thick	796	SLU_ENV	Combination	Max	-63.22	-4.71
45	45	Shell-Thick	794	SLU_ENV	Combination	Min	-169.65	-10.68
45	45	Shell-Thick	793	SLU_ENV	Combination	Min	-144.63	-5.68
45	45	Shell-Thick	795	SLU_ENV	Combination	Min	-145.08	-7.92
45	45	Shell-Thick	796	SLU_ENV	Combination	Min	-170.1	-12.92
45	45	Shell-Thick	794	SLV_Ex	Combination		-150.58	2.5
45	45	Shell-Thick	793	SLV_Ex	Combination		-154.1	1.8
45	45	Shell-Thick	795	SLV_Ex	Combination		-154.45	5.737E-02
45	45	Shell-Thick	796	SLV_Ex	Combination		-150.93	0.76
46	46	Shell-Thick	796	SLU_ENV	Combination	Max	-64.24	-4.91
46	46	Shell-Thick	795	SLU_ENV	Combination	Max	-54.28	-2.92
46	46	Shell-Thick	797	SLU_ENV	Combination	Max	-54.33	-3.18
46	46	Shell-Thick	798	SLU_ENV	Combination	Max	-64.29	-5.17
46	46	Shell-Thick	796	SLU_ENV	Combination	Min	-172.12	-13.33
46	46	Shell-Thick	795	SLU_ENV	Combination	Min	-141.01	-7.1
46	46	Shell-Thick	797	SLU_ENV	Combination	Min	-141.06	-7.36
46	46	Shell-Thick	798	SLU_ENV	Combination	Min	-172.18	-13.59
46	46	Shell-Thick	796	SLV_Ex	Combination		-130.44	4.86
46	46	Shell-Thick	795	SLV_Ex	Combination		-138.15	3.32
46	46	Shell-Thick	797	SLV_Ex	Combination		-138.73	0.43
46	46	Shell-Thick	798	SLV_Ex	Combination		-131.01	1.97
47	47	Shell-Thick	798	SLU_ENV	Combination	Max	-66.09	-5.53
47	47	Shell-Thick	797	SLU_ENV	Combination	Max	-51.4	-2.59

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
47	47	Shell-Thick	799	SLU_ENV	Combination	Max	-51.68	-4.
47	47	Shell-Thick	800	SLU_ENV	Combination	Max	-66.37	-6.94
47	47	Shell-Thick	798	SLU_ENV	Combination	Min	-175.89	-14.33
47	47	Shell-Thick	797	SLU_ENV	Combination	Min	-132.48	-5.65
47	47	Shell-Thick	799	SLU_ENV	Combination	Min	-132.88	-7.62
47	47	Shell-Thick	800	SLU_ENV	Combination	Min	-176.29	-16.3
47	47	Shell-Thick	798	SLV_Ex	Combination		-109.06	6.36
47	47	Shell-Thick	797	SLV_Ex	Combination		-124.33	3.31
47	47	Shell-Thick	799	SLV_Ex	Combination		-124.07	4.57
47	47	Shell-Thick	800	SLV_Ex	Combination		-108.81	7.63
48	48	Shell-Thick	800	SLU_ENV	Combination	Max	-66.97	-7.06
48	48	Shell-Thick	799	SLU_ENV	Combination	Max	-45.85	-2.8
48	48	Shell-Thick	801	SLU_ENV	Combination	Max	-45.67	0.15
48	48	Shell-Thick	802	SLU_ENV	Combination	Max	-66.79	-6.18
48	48	Shell-Thick	800	SLU_ENV	Combination	Min	-176.1	-16.27
48	48	Shell-Thick	799	SLU_ENV	Combination	Min	-116.24	-4.33
48	48	Shell-Thick	801	SLU_ENV	Combination	Min	-115.56	-2.98
48	48	Shell-Thick	802	SLU_ENV	Combination	Min	-175.42	-12.86
48	48	Shell-Thick	800	SLV_Ex	Combination		-81.38	13.11
48	48	Shell-Thick	799	SLV_Ex	Combination		-112.88	6.81
48	48	Shell-Thick	801	SLV_Ex	Combination		-115.57	-6.62
48	48	Shell-Thick	802	SLV_Ex	Combination		-84.07	-0.32
49	49	Shell-Thick	802	SLU_ENV	Combination	Max	-77.63	-8.35
49	49	Shell-Thick	801	SLU_ENV	Combination	Max	-29.87	6.46
49	49	Shell-Thick	14	SLU_ENV	Combination	Max	-28.81	44.05
49	49	Shell-Thick	598	SLU_ENV	Combination	Max	-76.58	21.54
49	49	Shell-Thick	802	SLU_ENV	Combination	Min	-199.51	-17.67
49	49	Shell-Thick	801	SLU_ENV	Combination	Min	-78.86	1.21
49	49	Shell-Thick	14	SLU_ENV	Combination	Min	-71.34	6.49
49	49	Shell-Thick	598	SLU_ENV	Combination	Min	-191.99	-4.68
49	49	Shell-Thick	802	SLV_Ex	Combination		-13.47	13.8
49	49	Shell-Thick	801	SLV_Ex	Combination		-165.96	-16.7
49	49	Shell-Thick	14	SLV_Ex	Combination		-147.22	77.
49	49	Shell-Thick	598	SLV_Ex	Combination		5.26	107.5
50	50	Shell-Thick	325	SLU_ENV	Combination	Max	-25.68	79.35
50	50	Shell-Thick	343	SLU_ENV	Combination	Max	-30.58	77.33
50	50	Shell-Thick	803	SLU_ENV	Combination	Max	-35.9	1.45
50	50	Shell-Thick	773	SLU_ENV	Combination	Max	-31.	2.87
50	50	Shell-Thick	325	SLU_ENV	Combination	Min	-64.95	23.94
50	50	Shell-Thick	343	SLU_ENV	Combination	Min	-75.06	22.96
50	50	Shell-Thick	803	SLU_ENV	Combination	Min	-90.66	-5.74
50	50	Shell-Thick	773	SLU_ENV	Combination	Min	-80.54	-4.16
50	50	Shell-Thick	325	SLV_Ex	Combination		-181.75	113.77
50	50	Shell-Thick	343	SLV_Ex	Combination		-201.99	109.72
50	50	Shell-Thick	803	SLV_Ex	Combination		-228.78	-24.23
50	50	Shell-Thick	773	SLV_Ex	Combination		-208.54	-20.18
51	51	Shell-Thick	773	SLU_ENV	Combination	Max	-45.78	-2.5
51	51	Shell-Thick	803	SLU_ENV	Combination	Max	-34.88	2.33
51	51	Shell-Thick	804	SLU_ENV	Combination	Max	-34.89	-3.49
51	51	Shell-Thick	775	SLU_ENV	Combination	Max	-45.79	-5.67
51	51	Shell-Thick	773	SLU_ENV	Combination	Min	-115.38	-8.72
51	51	Shell-Thick	803	SLU_ENV	Combination	Min	-85.61	-5.41
51	51	Shell-Thick	804	SLU_ENV	Combination	Min	-86.88	-5.97
51	51	Shell-Thick	775	SLU_ENV	Combination	Min	-116.64	-11.92

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
51	51	Shell-Thick	773	SLV_Ex	Combination		-276.87	-33.85
51	51	Shell-Thick	803	SLV_Ex	Combination		-211.55	-20.78
51	51	Shell-Thick	804	SLV_Ex	Combination		-210.56	-15.81
51	51	Shell-Thick	775	SLV_Ex	Combination		-275.88	-28.88
52	52	Shell-Thick	775	SLU_ENV	Combination	Max	-51.65	-6.85
52	52	Shell-Thick	804	SLU_ENV	Combination	Max	-40.81	-4.68
52	52	Shell-Thick	805	SLU_ENV	Combination	Max	-40.8	-4.6
52	52	Shell-Thick	777	SLU_ENV	Combination	Max	-51.64	-6.76
52	52	Shell-Thick	775	SLU_ENV	Combination	Min	-133.34	-15.26
52	52	Shell-Thick	804	SLU_ENV	Combination	Min	-100.9	-8.77
52	52	Shell-Thick	805	SLU_ENV	Combination	Min	-101.2	-10.27
52	52	Shell-Thick	777	SLU_ENV	Combination	Min	-133.64	-16.76
52	52	Shell-Thick	775	SLV_Ex	Combination		-286.88	-31.08
52	52	Shell-Thick	804	SLV_Ex	Combination		-228.74	-19.45
52	52	Shell-Thick	805	SLV_Ex	Combination		-229.09	-21.15
52	52	Shell-Thick	777	SLV_Ex	Combination		-287.22	-32.78
53	53	Shell-Thick	777	SLU_ENV	Combination	Max	-54.63	-7.36
53	53	Shell-Thick	805	SLU_ENV	Combination	Max	-45.21	-5.48
53	53	Shell-Thick	806	SLU_ENV	Combination	Max	-44.92	-4.05
53	53	Shell-Thick	779	SLU_ENV	Combination	Max	-54.35	-5.93
53	53	Shell-Thick	777	SLU_ENV	Combination	Min	-142.33	-18.5
53	53	Shell-Thick	805	SLU_ENV	Combination	Min	-112.93	-12.62
53	53	Shell-Thick	806	SLU_ENV	Combination	Min	-112.38	-9.87
53	53	Shell-Thick	779	SLU_ENV	Combination	Min	-141.78	-15.75
53	53	Shell-Thick	777	SLV_Ex	Combination		-283.91	-32.12
53	53	Shell-Thick	805	SLV_Ex	Combination		-235.92	-22.52
53	53	Shell-Thick	806	SLV_Ex	Combination		-235.07	-18.29
53	53	Shell-Thick	779	SLV_Ex	Combination		-283.06	-27.89
54	54	Shell-Thick	779	SLU_ENV	Combination	Max	-55.74	-6.21
54	54	Shell-Thick	806	SLU_ENV	Combination	Max	-47.94	-4.65
54	54	Shell-Thick	807	SLU_ENV	Combination	Max	-47.78	-3.86
54	54	Shell-Thick	781	SLU_ENV	Combination	Max	-55.58	-5.43
54	54	Shell-Thick	779	SLU_ENV	Combination	Min	-146.09	-16.61
54	54	Shell-Thick	806	SLU_ENV	Combination	Min	-120.6	-11.51
54	54	Shell-Thick	807	SLU_ENV	Combination	Min	-120.26	-9.82
54	54	Shell-Thick	781	SLU_ENV	Combination	Min	-145.75	-14.92
54	54	Shell-Thick	779	SLV_Ex	Combination		-271.16	-25.51
54	54	Shell-Thick	806	SLV_Ex	Combination		-234.64	-18.2
54	54	Shell-Thick	807	SLV_Ex	Combination		-234.39	-16.92
54	54	Shell-Thick	781	SLV_Ex	Combination		-270.9	-24.22
55	55	Shell-Thick	781	SLU_ENV	Combination	Max	-56.43	-5.6
55	55	Shell-Thick	807	SLU_ENV	Combination	Max	-49.68	-4.24
55	55	Shell-Thick	808	SLU_ENV	Combination	Max	-49.48	-3.26
55	55	Shell-Thick	783	SLU_ENV	Combination	Max	-56.24	-4.62
55	55	Shell-Thick	781	SLU_ENV	Combination	Min	-148.4	-15.45
55	55	Shell-Thick	807	SLU_ENV	Combination	Min	-125.57	-10.89
55	55	Shell-Thick	808	SLU_ENV	Combination	Min	-125.09	-8.48
55	55	Shell-Thick	783	SLU_ENV	Combination	Min	-147.91	-13.04
55	55	Shell-Thick	781	SLV_Ex	Combination		-256.81	-21.4
55	55	Shell-Thick	807	SLV_Ex	Combination		-228.31	-15.7
55	55	Shell-Thick	808	SLV_Ex	Combination		-227.87	-13.47
55	55	Shell-Thick	783	SLV_Ex	Combination		-256.36	-19.17
56	56	Shell-Thick	783	SLU_ENV	Combination	Max	-56.63	-4.7
56	56	Shell-Thick	808	SLU_ENV	Combination	Max	-50.65	-3.5

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
56	56	Shell-Thick	809	SLU_ENV	Combination	Max	-50.58	-3.15
56	56	Shell-Thick	785	SLU_ENV	Combination	Max	-56.56	-4.35
56	56	Shell-Thick	783	SLU_ENV	Combination	Min	-149.17	-13.29
56	56	Shell-Thick	808	SLU_ENV	Combination	Min	-128.38	-9.13
56	56	Shell-Thick	809	SLU_ENV	Combination	Min	-128.21	-8.28
56	56	Shell-Thick	785	SLU_ENV	Combination	Min	-149.	-12.44
56	56	Shell-Thick	783	SLV_Ex	Combination		-239.99	-15.9
56	56	Shell-Thick	808	SLV_Ex	Combination		-218.88	-11.68
56	56	Shell-Thick	809	SLV_Ex	Combination		-218.74	-10.97
56	56	Shell-Thick	785	SLV_Ex	Combination		-239.85	-15.19
57	57	Shell-Thick	785	SLU_ENV	Combination	Max	-56.75	-4.39
57	57	Shell-Thick	809	SLU_ENV	Combination	Max	-51.14	-3.26
57	57	Shell-Thick	810	SLU_ENV	Combination	Max	-51.08	-2.97
57	57	Shell-Thick	787	SLU_ENV	Combination	Max	-56.7	-4.09
57	57	Shell-Thick	785	SLU_ENV	Combination	Min	-149.58	-12.55
57	57	Shell-Thick	809	SLU_ENV	Combination	Min	-129.77	-8.59
57	57	Shell-Thick	810	SLU_ENV	Combination	Min	-129.62	-7.83
57	57	Shell-Thick	787	SLU_ENV	Combination	Min	-149.42	-11.79
57	57	Shell-Thick	785	SLV_Ex	Combination		-222.8	-11.78
57	57	Shell-Thick	809	SLV_Ex	Combination		-207.52	-8.72
57	57	Shell-Thick	810	SLV_Ex	Combination		-207.43	-8.24
57	57	Shell-Thick	787	SLV_Ex	Combination		-222.7	-11.29
58	58	Shell-Thick	787	SLU_ENV	Combination	Max	-56.75	-4.1
58	58	Shell-Thick	810	SLU_ENV	Combination	Max	-51.12	-2.98
58	58	Shell-Thick	811	SLU_ENV	Combination	Max	-51.18	-3.28
58	58	Shell-Thick	789	SLU_ENV	Combination	Max	-56.82	-4.41
58	58	Shell-Thick	787	SLU_ENV	Combination	Min	-149.53	-11.82
58	58	Shell-Thick	810	SLU_ENV	Combination	Min	-129.7	-7.85
58	58	Shell-Thick	811	SLU_ENV	Combination	Min	-129.85	-8.63
58	58	Shell-Thick	789	SLU_ENV	Combination	Min	-149.68	-12.6
58	58	Shell-Thick	787	SLV_Ex	Combination		-205.16	-7.78
58	58	Shell-Thick	810	SLV_Ex	Combination		-195.09	-5.77
58	58	Shell-Thick	811	SLV_Ex	Combination		-195.11	-5.85
58	58	Shell-Thick	789	SLV_Ex	Combination		-205.18	-7.87
59	59	Shell-Thick	789	SLU_ENV	Combination	Max	-56.73	-4.39
59	59	Shell-Thick	811	SLU_ENV	Combination	Max	-50.72	-3.19
59	59	Shell-Thick	812	SLU_ENV	Combination	Max	-50.79	-3.56
59	59	Shell-Thick	791	SLU_ENV	Combination	Max	-56.81	-4.76
59	59	Shell-Thick	789	SLU_ENV	Combination	Min	-149.31	-12.52
59	59	Shell-Thick	811	SLU_ENV	Combination	Min	-128.46	-8.35
59	59	Shell-Thick	812	SLU_ENV	Combination	Min	-128.64	-9.24
59	59	Shell-Thick	791	SLU_ENV	Combination	Min	-149.49	-13.41
59	59	Shell-Thick	789	SLV_Ex	Combination		-187.81	-4.39
59	59	Shell-Thick	811	SLV_Ex	Combination		-182.1	-3.25
59	59	Shell-Thick	812	SLV_Ex	Combination		-182.17	-3.6
59	59	Shell-Thick	791	SLV_Ex	Combination		-187.88	-4.74
60	60	Shell-Thick	791	SLU_ENV	Combination	Max	-56.54	-4.71
60	60	Shell-Thick	812	SLU_ENV	Combination	Max	-49.7	-3.34
60	60	Shell-Thick	813	SLU_ENV	Combination	Max	-49.91	-4.36
60	60	Shell-Thick	793	SLU_ENV	Combination	Max	-56.75	-5.73
60	60	Shell-Thick	791	SLU_ENV	Combination	Min	-148.46	-13.21
60	60	Shell-Thick	812	SLU_ENV	Combination	Min	-125.49	-8.61
60	60	Shell-Thick	813	SLU_ENV	Combination	Min	-125.98	-11.1
60	60	Shell-Thick	793	SLU_ENV	Combination	Min	-148.96	-15.69

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
60	60	Shell-Thick	791	SLV_Ex	Combination		-170.63	-1.29
60	60	Shell-Thick	812	SLV_Ex	Combination		-169.25	-1.01
60	60	Shell-Thick	813	SLV_Ex	Combination		-169.25	-1.03
60	60	Shell-Thick	793	SLV_Ex	Combination		-170.64	-1.31
61	61	Shell-Thick	793	SLU_ENV	Combination	Max	-56.02	-5.59
61	61	Shell-Thick	813	SLU_ENV	Combination	Max	-48.08	-4.
61	61	Shell-Thick	814	SLU_ENV	Combination	Max	-48.26	-4.88
61	61	Shell-Thick	795	SLU_ENV	Combination	Max	-56.19	-6.46
61	61	Shell-Thick	793	SLU_ENV	Combination	Min	-146.53	-15.21
61	61	Shell-Thick	813	SLU_ENV	Combination	Min	-120.79	-10.06
61	61	Shell-Thick	814	SLU_ENV	Combination	Min	-121.16	-11.91
61	61	Shell-Thick	795	SLU_ENV	Combination	Min	-146.9	-17.06
61	61	Shell-Thick	793	SLV_Ex	Combination		-154.06	2.01
61	61	Shell-Thick	813	SLV_Ex	Combination		-156.67	1.49
61	61	Shell-Thick	814	SLV_Ex	Combination		-156.77	1.01
61	61	Shell-Thick	795	SLV_Ex	Combination		-154.15	1.53
62	62	Shell-Thick	795	SLU_ENV	Combination	Max	-54.93	-6.21
62	62	Shell-Thick	814	SLU_ENV	Combination	Max	-45.25	-4.28
62	62	Shell-Thick	815	SLU_ENV	Combination	Max	-45.58	-5.9
62	62	Shell-Thick	797	SLU_ENV	Combination	Max	-55.26	-7.84
62	62	Shell-Thick	795	SLU_ENV	Combination	Min	-142.84	-16.25
62	62	Shell-Thick	814	SLU_ENV	Combination	Min	-112.96	-10.27
62	62	Shell-Thick	815	SLU_ENV	Combination	Min	-113.58	-13.37
62	62	Shell-Thick	797	SLU_ENV	Combination	Min	-143.46	-19.35
62	62	Shell-Thick	795	SLV_Ex	Combination		-137.86	4.79
62	62	Shell-Thick	814	SLV_Ex	Combination		-145.91	3.18
62	62	Shell-Thick	815	SLV_Ex	Combination		-145.56	4.93
62	62	Shell-Thick	797	SLV_Ex	Combination		-137.51	6.54
63	63	Shell-Thick	797	SLU_ENV	Combination	Max	-52.33	-7.25
63	63	Shell-Thick	815	SLU_ENV	Combination	Max	-41.11	-5.01
63	63	Shell-Thick	816	SLU_ENV	Combination	Max	-41.18	-5.4
63	63	Shell-Thick	799	SLU_ENV	Combination	Max	-52.41	-7.64
63	63	Shell-Thick	797	SLU_ENV	Combination	Min	-134.88	-17.63
63	63	Shell-Thick	815	SLU_ENV	Combination	Min	-101.74	-11.01
63	63	Shell-Thick	816	SLU_ENV	Combination	Min	-101.55	-10.04
63	63	Shell-Thick	799	SLU_ENV	Combination	Min	-134.69	-16.67
63	63	Shell-Thick	797	SLV_Ex	Combination		-123.1	9.42
63	63	Shell-Thick	815	SLV_Ex	Combination		-136.98	6.65
63	63	Shell-Thick	816	SLV_Ex	Combination		-137.22	5.42
63	63	Shell-Thick	799	SLV_Ex	Combination		-123.35	8.2
64	64	Shell-Thick	799	SLU_ENV	Combination	Max	-46.58	-6.48
64	64	Shell-Thick	816	SLU_ENV	Combination	Max	-34.89	-4.14
64	64	Shell-Thick	817	SLU_ENV	Combination	Max	-35.06	0.15
64	64	Shell-Thick	801	SLU_ENV	Combination	Max	-46.75	-4.91
64	64	Shell-Thick	799	SLU_ENV	Combination	Min	-118.05	-13.34
64	64	Shell-Thick	816	SLU_ENV	Combination	Min	-86.85	-7.1
64	64	Shell-Thick	817	SLU_ENV	Combination	Min	-85.92	-7.59
64	64	Shell-Thick	801	SLU_ENV	Combination	Min	-117.11	-11.11
64	64	Shell-Thick	799	SLV_Ex	Combination		-112.16	10.44
64	64	Shell-Thick	816	SLV_Ex	Combination		-139.9	4.89
64	64	Shell-Thick	817	SLV_Ex	Combination		-135.18	28.47
64	64	Shell-Thick	801	SLV_Ex	Combination		-107.44	34.02
65	65	Shell-Thick	801	SLU_ENV	Combination	Max	-30.95	0.75
65	65	Shell-Thick	817	SLU_ENV	Combination	Max	-35.76	-0.65



Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
65	65	Shell-Thick	1	SLU_ENV	Combination	Max	-30.57	73.57
65	65	Shell-Thick	14	SLU_ENV	Combination	Max	-25.76	75.56
65	65	Shell-Thick	801	SLU_ENV	Combination	Min	-80.42	-6.27
65	65	Shell-Thick	817	SLU_ENV	Combination	Min	-90.4	-7.83
65	65	Shell-Thick	1	SLU_ENV	Combination	Min	-75.02	20.81
65	65	Shell-Thick	14	SLU_ENV	Combination	Min	-65.04	21.78
65	65	Shell-Thick	801	SLV_Ex	Combination		-157.84	23.94
65	65	Shell-Thick	817	SLV_Ex	Combination		-114.76	32.55
65	65	Shell-Thick	1	SLV_Ex	Combination		-123.25	-9.9
65	65	Shell-Thick	14	SLV_Ex	Combination		-166.33	-18.51
66	66	Shell-Thick	343	SLU_ENV	Combination	Max	-32.19	53.1
66	66	Shell-Thick	361	SLU_ENV	Combination	Max	-32.76	53.43
66	66	Shell-Thick	818	SLU_ENV	Combination	Max	-35.05	18.17
66	66	Shell-Thick	803	SLU_ENV	Combination	Max	-34.48	17.84
66	66	Shell-Thick	343	SLU_ENV	Combination	Min	-79.91	14.91
66	66	Shell-Thick	361	SLU_ENV	Combination	Min	-78.25	14.8
66	66	Shell-Thick	818	SLU_ENV	Combination	Min	-85.3	3.33
66	66	Shell-Thick	803	SLU_ENV	Combination	Min	-86.96	3.44
66	66	Shell-Thick	343	SLV_Ex	Combination		-207.05	84.39
66	66	Shell-Thick	361	SLV_Ex	Combination		-211.71	83.46
66	66	Shell-Thick	818	SLV_Ex	Combination		-224.87	17.67
66	66	Shell-Thick	803	SLV_Ex	Combination		-220.21	18.6
67	67	Shell-Thick	803	SLU_ENV	Combination	Max	-33.46	18.85
67	67	Shell-Thick	818	SLU_ENV	Combination	Max	-34.71	18.76
67	67	Shell-Thick	819	SLU_ENV	Combination	Max	-36.33	-4.49
67	67	Shell-Thick	804	SLU_ENV	Combination	Max	-35.08	-4.45
67	67	Shell-Thick	803	SLU_ENV	Combination	Min	-81.92	3.65
67	67	Shell-Thick	818	SLU_ENV	Combination	Min	-82.36	3.4
67	67	Shell-Thick	819	SLU_ENV	Combination	Min	-87.51	-7.23
67	67	Shell-Thick	804	SLU_ENV	Combination	Min	-87.07	-6.93
67	67	Shell-Thick	803	SLV_Ex	Combination		-202.99	22.04
67	67	Shell-Thick	818	SLV_Ex	Combination		-208.11	21.02
67	67	Shell-Thick	819	SLV_Ex	Combination		-216.68	-21.85
67	67	Shell-Thick	804	SLV_Ex	Combination		-211.56	-20.82
68	68	Shell-Thick	804	SLU_ENV	Combination	Max	-41.01	-5.64
68	68	Shell-Thick	819	SLU_ENV	Combination	Max	-37.48	-4.68
68	68	Shell-Thick	820	SLU_ENV	Combination	Max	-37.54	-5.19
68	68	Shell-Thick	805	SLU_ENV	Combination	Max	-41.06	-5.89
68	68	Shell-Thick	804	SLU_ENV	Combination	Min	-101.09	-9.73
68	68	Shell-Thick	819	SLU_ENV	Combination	Min	-89.06	-7.58
68	68	Shell-Thick	820	SLU_ENV	Combination	Min	-89.82	-11.12
68	68	Shell-Thick	805	SLU_ENV	Combination	Min	-101.85	-13.53
68	68	Shell-Thick	804	SLV_Ex	Combination		-229.75	-24.46
68	68	Shell-Thick	819	SLV_Ex	Combination		-209.43	-20.4
68	68	Shell-Thick	820	SLV_Ex	Combination		-209.91	-22.76
68	68	Shell-Thick	805	SLV_Ex	Combination		-230.22	-26.82
69	69	Shell-Thick	805	SLU_ENV	Combination	Max	-45.47	-6.78
69	69	Shell-Thick	820	SLU_ENV	Combination	Max	-40.48	-5.78
69	69	Shell-Thick	821	SLU_ENV	Combination	Max	-40.45	-5.61
69	69	Shell-Thick	806	SLU_ENV	Combination	Max	-45.44	-6.6
69	69	Shell-Thick	805	SLU_ENV	Combination	Min	-113.58	-15.88
69	69	Shell-Thick	820	SLU_ENV	Combination	Min	-96.8	-12.52
69	69	Shell-Thick	821	SLU_ENV	Combination	Min	-96.99	-13.46
69	69	Shell-Thick	806	SLU_ENV	Combination	Min	-113.77	-16.82

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
69	69	Shell-Thick	805	SLV_Ex	Combination		-237.05	-28.19
69	69	Shell-Thick	820	SLV_Ex	Combination		-212.1	-23.2
69	69	Shell-Thick	821	SLV_Ex	Combination		-212.35	-24.47
69	69	Shell-Thick	806	SLV_Ex	Combination		-237.31	-29.46
70	70	Shell-Thick	806	SLU_ENV	Combination	Max	-48.45	-7.21
70	70	Shell-Thick	821	SLU_ENV	Combination	Max	-43.14	-6.15
70	70	Shell-Thick	822	SLU_ENV	Combination	Max	-42.92	-5.03
70	70	Shell-Thick	807	SLU_ENV	Combination	Max	-48.22	-6.09
70	70	Shell-Thick	806	SLU_ENV	Combination	Min	-121.98	-18.46
70	70	Shell-Thick	821	SLU_ENV	Combination	Min	-103.94	-14.85
70	70	Shell-Thick	822	SLU_ENV	Combination	Min	-103.51	-12.71
70	70	Shell-Thick	807	SLU_ENV	Combination	Min	-121.56	-16.32
70	70	Shell-Thick	806	SLV_Ex	Combination		-236.88	-29.37
70	70	Shell-Thick	821	SLV_Ex	Combination		-212.66	-24.53
70	70	Shell-Thick	822	SLV_Ex	Combination		-211.97	-21.12
70	70	Shell-Thick	807	SLV_Ex	Combination		-236.2	-25.96
71	71	Shell-Thick	807	SLU_ENV	Combination	Max	-50.12	-6.47
71	71	Shell-Thick	822	SLU_ENV	Combination	Max	-44.95	-5.43
71	71	Shell-Thick	823	SLU_ENV	Combination	Max	-44.83	-4.85
71	71	Shell-Thick	808	SLU_ENV	Combination	Max	-50.	-5.88
71	71	Shell-Thick	807	SLU_ENV	Combination	Min	-126.87	-17.39
71	71	Shell-Thick	822	SLU_ENV	Combination	Min	-108.91	-13.79
71	71	Shell-Thick	823	SLU_ENV	Combination	Min	-108.67	-12.62
71	71	Shell-Thick	808	SLU_ENV	Combination	Min	-126.64	-16.22
71	71	Shell-Thick	807	SLV_Ex	Combination		-230.12	-24.75
71	71	Shell-Thick	822	SLV_Ex	Combination		-209.51	-20.62
71	71	Shell-Thick	823	SLV_Ex	Combination		-209.09	-18.55
71	71	Shell-Thick	808	SLV_Ex	Combination		-229.71	-22.67
72	72	Shell-Thick	808	SLU_ENV	Combination	Max	-51.17	-6.12
72	72	Shell-Thick	823	SLU_ENV	Combination	Max	-46.17	-5.12
72	72	Shell-Thick	824	SLU_ENV	Combination	Max	-46.03	-4.43
72	72	Shell-Thick	809	SLU_ENV	Combination	Max	-51.03	-5.44
72	72	Shell-Thick	808	SLU_ENV	Combination	Min	-129.93	-16.88
72	72	Shell-Thick	823	SLU_ENV	Combination	Min	-112.27	-13.34
72	72	Shell-Thick	824	SLU_ENV	Combination	Min	-111.95	-11.73
72	72	Shell-Thick	809	SLU_ENV	Combination	Min	-129.61	-15.26
72	72	Shell-Thick	808	SLV_Ex	Combination		-220.72	-20.87
72	72	Shell-Thick	823	SLV_Ex	Combination		-203.84	-17.5
72	72	Shell-Thick	824	SLV_Ex	Combination		-203.28	-14.72
72	72	Shell-Thick	809	SLV_Ex	Combination		-220.17	-18.1
73	73	Shell-Thick	809	SLU_ENV	Combination	Max	-51.59	-5.55
73	73	Shell-Thick	824	SLU_ENV	Combination	Max	-46.7	-4.57
73	73	Shell-Thick	825	SLU_ENV	Combination	Max	-46.7	-4.56
73	73	Shell-Thick	810	SLU_ENV	Combination	Max	-51.59	-5.53
73	73	Shell-Thick	809	SLU_ENV	Combination	Min	-131.17	-15.57
73	73	Shell-Thick	824	SLU_ENV	Combination	Min	-113.76	-12.09
73	73	Shell-Thick	825	SLU_ENV	Combination	Min	-113.76	-12.09
73	73	Shell-Thick	810	SLU_ENV	Combination	Min	-131.17	-15.57
73	73	Shell-Thick	809	SLV_Ex	Combination		-208.95	-15.85
73	73	Shell-Thick	824	SLV_Ex	Combination		-196.08	-13.28
73	73	Shell-Thick	825	SLV_Ex	Combination		-195.72	-11.46
73	73	Shell-Thick	810	SLV_Ex	Combination		-208.59	-14.04
74	74	Shell-Thick	810	SLU_ENV	Combination	Max	-51.63	-5.54
74	74	Shell-Thick	825	SLU_ENV	Combination	Max	-46.73	-4.56

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
74	74	Shell-Thick	826	SLU_ENV	Combination	Max	-46.74	-4.61
74	74	Shell-Thick	811	SLU_ENV	Combination	Max	-51.64	-5.59
74	74	Shell-Thick	810	SLU_ENV	Combination	Min	-131.25	-15.58
74	74	Shell-Thick	825	SLU_ENV	Combination	Min	-113.81	-12.1
74	74	Shell-Thick	826	SLU_ENV	Combination	Min	-113.82	-12.17
74	74	Shell-Thick	811	SLU_ENV	Combination	Min	-131.26	-15.65
74	74	Shell-Thick	810	SLV_Ex	Combination		-196.25	-11.57
74	74	Shell-Thick	825	SLV_Ex	Combination		-187.01	-9.72
74	74	Shell-Thick	826	SLV_Ex	Combination		-186.69	-8.13
74	74	Shell-Thick	811	SLV_Ex	Combination		-195.93	-9.97
75	75	Shell-Thick	811	SLU_ENV	Combination	Max	-51.18	-5.5
75	75	Shell-Thick	826	SLU_ENV	Combination	Max	-46.12	-4.49
75	75	Shell-Thick	827	SLU_ENV	Combination	Max	-46.26	-5.22
75	75	Shell-Thick	812	SLU_ENV	Combination	Max	-51.33	-6.24
75	75	Shell-Thick	811	SLU_ENV	Combination	Min	-129.86	-15.37
75	75	Shell-Thick	826	SLU_ENV	Combination	Min	-112.1	-11.82
75	75	Shell-Thick	827	SLU_ENV	Combination	Min	-112.44	-13.53
75	75	Shell-Thick	812	SLU_ENV	Combination	Min	-130.21	-17.09
75	75	Shell-Thick	811	SLV_Ex	Combination		-182.93	-7.37
75	75	Shell-Thick	826	SLV_Ex	Combination		-177.18	-6.22
75	75	Shell-Thick	827	SLV_Ex	Combination		-176.88	-4.75
75	75	Shell-Thick	812	SLV_Ex	Combination		-182.63	-5.89
76	76	Shell-Thick	812	SLU_ENV	Combination	Max	-50.24	-6.02
76	76	Shell-Thick	827	SLU_ENV	Combination	Max	-44.97	-4.96
76	76	Shell-Thick	828	SLU_ENV	Combination	Max	-45.11	-5.63
76	76	Shell-Thick	813	SLU_ENV	Combination	Max	-50.37	-6.69
76	76	Shell-Thick	812	SLU_ENV	Combination	Min	-127.06	-16.46
76	76	Shell-Thick	827	SLU_ENV	Combination	Min	-108.91	-12.83
76	76	Shell-Thick	828	SLU_ENV	Combination	Min	-109.18	-14.15
76	76	Shell-Thick	813	SLU_ENV	Combination	Min	-127.32	-17.78
76	76	Shell-Thick	812	SLV_Ex	Combination		-169.71	-3.31
76	76	Shell-Thick	827	SLV_Ex	Combination		-167.	-2.77
76	76	Shell-Thick	828	SLV_Ex	Combination		-166.81	-1.8
76	76	Shell-Thick	813	SLV_Ex	Combination		-169.51	-2.34
77	77	Shell-Thick	813	SLU_ENV	Combination	Max	-48.54	-6.32
77	77	Shell-Thick	828	SLU_ENV	Combination	Max	-43.07	-5.23
77	77	Shell-Thick	829	SLU_ENV	Combination	Max	-43.32	-6.49
77	77	Shell-Thick	814	SLU_ENV	Combination	Max	-48.8	-7.59
77	77	Shell-Thick	813	SLU_ENV	Combination	Min	-122.12	-16.74
77	77	Shell-Thick	828	SLU_ENV	Combination	Min	-103.77	-13.07
77	77	Shell-Thick	829	SLU_ENV	Combination	Min	-104.25	-15.47
77	77	Shell-Thick	814	SLU_ENV	Combination	Min	-122.61	-19.14
77	77	Shell-Thick	813	SLV_Ex	Combination		-156.93	0.17
77	77	Shell-Thick	828	SLV_Ex	Combination		-157.34	9.405E-02
77	77	Shell-Thick	829	SLV_Ex	Combination		-156.91	2.24
77	77	Shell-Thick	814	SLV_Ex	Combination		-156.5	2.32
78	78	Shell-Thick	814	SLU_ENV	Combination	Max	-45.8	-6.99
78	78	Shell-Thick	829	SLU_ENV	Combination	Max	-40.59	-5.95
78	78	Shell-Thick	830	SLU_ENV	Combination	Max	-40.67	-6.35
78	78	Shell-Thick	815	SLU_ENV	Combination	Max	-45.88	-7.39
78	78	Shell-Thick	814	SLU_ENV	Combination	Min	-114.4	-17.5
78	78	Shell-Thick	829	SLU_ENV	Combination	Min	-97.22	-14.06
78	78	Shell-Thick	830	SLU_ENV	Combination	Min	-97.11	-13.52
78	78	Shell-Thick	815	SLU_ENV	Combination	Min	-114.29	-16.96

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
78	78	Shell-Thick	814	SLV_Ex	Combination		-145.64	4.5
78	78	Shell-Thick	829	SLV_Ex	Combination		-148.05	4.02
78	78	Shell-Thick	830	SLV_Ex	Combination		-147.95	4.52
78	78	Shell-Thick	815	SLV_Ex	Combination		-145.54	5.
79	79	Shell-Thick	815	SLU_ENV	Combination	Max	-41.4	-6.49
79	79	Shell-Thick	830	SLU_ENV	Combination	Max	-37.55	-5.72
79	79	Shell-Thick	831	SLU_ENV	Combination	Max	-37.59	-5.91
79	79	Shell-Thick	816	SLU_ENV	Combination	Max	-41.44	-6.68
79	79	Shell-Thick	815	SLU_ENV	Combination	Min	-102.46	-14.59
79	79	Shell-Thick	830	SLU_ENV	Combination	Min	-89.84	-12.07
79	79	Shell-Thick	831	SLU_ENV	Combination	Min	-89.23	-9.05
79	79	Shell-Thick	816	SLU_ENV	Combination	Min	-101.85	-11.58
79	79	Shell-Thick	815	SLV_Ex	Combination		-136.96	6.72
79	79	Shell-Thick	830	SLV_Ex	Combination		-141.33	5.84
79	79	Shell-Thick	831	SLV_Ex	Combination		-140.03	12.35
79	79	Shell-Thick	816	SLV_Ex	Combination		-135.66	13.22
80	80	Shell-Thick	816	SLU_ENV	Combination	Max	-35.14	-5.42
80	80	Shell-Thick	831	SLU_ENV	Combination	Max	-36.23	-5.63
80	80	Shell-Thick	832	SLU_ENV	Combination	Max	-34.7	16.32
80	80	Shell-Thick	817	SLU_ENV	Combination	Max	-33.62	16.35
80	80	Shell-Thick	816	SLU_ENV	Combination	Min	-87.16	-8.64
80	80	Shell-Thick	831	SLU_ENV	Combination	Min	-87.31	-8.67
80	80	Shell-Thick	832	SLU_ENV	Combination	Min	-82.32	2.01
80	80	Shell-Thick	817	SLU_ENV	Combination	Min	-82.16	2.22
80	80	Shell-Thick	816	SLV_Ex	Combination		-138.34	12.68
80	80	Shell-Thick	831	SLV_Ex	Combination		-128.76	14.6
80	80	Shell-Thick	832	SLV_Ex	Combination		-130.99	3.47
80	80	Shell-Thick	817	SLV_Ex	Combination		-140.57	1.55
81	81	Shell-Thick	817	SLU_ENV	Combination	Max	-34.32	15.45
81	81	Shell-Thick	832	SLU_ENV	Combination	Max	-34.81	15.81
81	81	Shell-Thick	29	SLU_ENV	Combination	Max	-32.58	50.46
81	81	Shell-Thick	1	SLU_ENV	Combination	Max	-32.09	50.1
81	81	Shell-Thick	817	SLU_ENV	Combination	Min	-86.64	2.08
81	81	Shell-Thick	832	SLU_ENV	Combination	Min	-84.85	1.99
81	81	Shell-Thick	29	SLU_ENV	Combination	Min	-77.92	13.1
81	81	Shell-Thick	1	SLU_ENV	Combination	Min	-79.72	13.19
81	81	Shell-Thick	817	SLV_Ex	Combination		-120.14	5.64
81	81	Shell-Thick	832	SLV_Ex	Combination		-119.04	5.86
81	81	Shell-Thick	29	SLV_Ex	Combination		-121.18	-4.83
81	81	Shell-Thick	1	SLV_Ex	Combination		-122.28	-5.05
82	82	Shell-Thick	361	SLU_ENV	Combination	Max	-33.76	37.92
82	82	Shell-Thick	379	SLU_ENV	Combination	Max	-34.47	38.28
82	82	Shell-Thick	833	SLU_ENV	Combination	Max	-35.79	17.06
82	82	Shell-Thick	818	SLU_ENV	Combination	Max	-35.08	16.7
82	82	Shell-Thick	361	SLU_ENV	Combination	Min	-81.35	9.77
82	82	Shell-Thick	379	SLU_ENV	Combination	Min	-79.54	9.63
82	82	Shell-Thick	833	SLU_ENV	Combination	Min	-83.79	3.05
82	82	Shell-Thick	818	SLU_ENV	Combination	Min	-85.59	3.19
82	82	Shell-Thick	361	SLV_Ex	Combination		-215.19	66.07
82	82	Shell-Thick	379	SLV_Ex	Combination		-218.86	65.33
82	82	Shell-Thick	833	SLV_Ex	Combination		-227.2	23.64
82	82	Shell-Thick	818	SLV_Ex	Combination		-223.53	24.37
83	83	Shell-Thick	818	SLU_ENV	Combination	Max	-34.74	17.29
83	83	Shell-Thick	833	SLU_ENV	Combination	Max	-35.76	17.42

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
83	83	Shell-Thick	834	SLU_ENV	Combination	Max	-36.76	1.78
83	83	Shell-Thick	819	SLU_ENV	Combination	Max	-35.73	1.51
83	83	Shell-Thick	818	SLU_ENV	Combination	Min	-82.65	3.26
83	83	Shell-Thick	833	SLU_ENV	Combination	Min	-81.98	3.05
83	83	Shell-Thick	834	SLU_ENV	Combination	Min	-85.31	-2.92
83	83	Shell-Thick	819	SLU_ENV	Combination	Min	-85.98	-2.58
83	83	Shell-Thick	818	SLV_Ex	Combination		-206.77	27.72
83	83	Shell-Thick	833	SLV_Ex	Combination		-212.52	26.57
83	83	Shell-Thick	834	SLV_Ex	Combination		-218.66	-4.14
83	83	Shell-Thick	819	SLV_Ex	Combination		-212.91	-2.99
84	84	Shell-Thick	819	SLU_ENV	Combination	Max	-36.89	1.31
84	84	Shell-Thick	834	SLU_ENV	Combination	Max	-36.9	1.97
84	84	Shell-Thick	835	SLU_ENV	Combination	Max	-37.53	-5.11
84	84	Shell-Thick	820	SLU_ENV	Combination	Max	-37.52	-5.1
84	84	Shell-Thick	819	SLU_ENV	Combination	Min	-87.53	-2.92
84	84	Shell-Thick	834	SLU_ENV	Combination	Min	-84.4	-2.96
84	84	Shell-Thick	835	SLU_ENV	Combination	Min	-86.59	-10.03
84	84	Shell-Thick	820	SLU_ENV	Combination	Min	-89.73	-10.65
84	84	Shell-Thick	819	SLV_Ex	Combination		-205.66	-1.54
84	84	Shell-Thick	834	SLV_Ex	Combination		-205.99	-1.6
84	84	Shell-Thick	835	SLV_Ex	Combination		-209.84	-20.84
84	84	Shell-Thick	820	SLV_Ex	Combination		-209.51	-20.78
85	85	Shell-Thick	820	SLU_ENV	Combination	Max	-40.47	-5.69
85	85	Shell-Thick	835	SLU_ENV	Combination	Max	-38.68	-5.34
85	85	Shell-Thick	836	SLU_ENV	Combination	Max	-38.72	-5.54
85	85	Shell-Thick	821	SLU_ENV	Combination	Max	-40.51	-5.9
85	85	Shell-Thick	820	SLU_ENV	Combination	Min	-96.71	-12.05
85	85	Shell-Thick	835	SLU_ENV	Combination	Min	-88.76	-10.46
85	85	Shell-Thick	836	SLU_ENV	Combination	Min	-89.23	-12.84
85	85	Shell-Thick	821	SLU_ENV	Combination	Min	-97.18	-14.43
85	85	Shell-Thick	820	SLV_Ex	Combination		-211.7	-21.21
85	85	Shell-Thick	835	SLV_Ex	Combination		-203.45	-19.56
85	85	Shell-Thick	836	SLV_Ex	Combination		-204.13	-22.97
85	85	Shell-Thick	821	SLV_Ex	Combination		-212.38	-24.62
86	86	Shell-Thick	821	SLU_ENV	Combination	Max	-43.2	-6.44
86	86	Shell-Thick	836	SLU_ENV	Combination	Max	-40.34	-5.87
86	86	Shell-Thick	837	SLU_ENV	Combination	Max	-40.34	-5.84
86	86	Shell-Thick	822	SLU_ENV	Combination	Max	-43.19	-6.41
86	86	Shell-Thick	821	SLU_ENV	Combination	Min	-104.13	-15.82
86	86	Shell-Thick	836	SLU_ENV	Combination	Min	-93.03	-13.6
86	86	Shell-Thick	837	SLU_ENV	Combination	Min	-93.21	-14.52
86	86	Shell-Thick	822	SLU_ENV	Combination	Min	-104.31	-16.74
86	86	Shell-Thick	821	SLV_Ex	Combination		-212.69	-24.68
86	86	Shell-Thick	836	SLV_Ex	Combination		-200.92	-22.33
86	86	Shell-Thick	837	SLV_Ex	Combination		-201.16	-23.5
86	86	Shell-Thick	822	SLV_Ex	Combination		-212.92	-25.86
87	87	Shell-Thick	822	SLU_ENV	Combination	Max	-45.23	-6.82
87	87	Shell-Thick	837	SLU_ENV	Combination	Max	-41.86	-6.14
87	87	Shell-Thick	838	SLU_ENV	Combination	Max	-41.73	-5.49
87	87	Shell-Thick	823	SLU_ENV	Combination	Max	-45.1	-6.17
87	87	Shell-Thick	822	SLU_ENV	Combination	Min	-109.71	-17.82
87	87	Shell-Thick	837	SLU_ENV	Combination	Min	-97.05	-15.29
87	87	Shell-Thick	838	SLU_ENV	Combination	Min	-96.83	-14.17
87	87	Shell-Thick	823	SLU_ENV	Combination	Min	-109.49	-16.7

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
87	87	Shell-Thick	822	SLV_Ex	Combination		-210.45	-25.36
87	87	Shell-Thick	837	SLV_Ex	Combination		-198.11	-22.89
87	87	Shell-Thick	838	SLV_Ex	Combination		-197.64	-20.51
87	87	Shell-Thick	823	SLV_Ex	Combination		-209.98	-22.98
88	88	Shell-Thick	823	SLU_ENV	Combination	Max	-46.43	-6.43
88	88	Shell-Thick	838	SLU_ENV	Combination	Max	-42.83	-5.71
88	88	Shell-Thick	839	SLU_ENV	Combination	Max	-42.79	-5.52
88	88	Shell-Thick	824	SLU_ENV	Combination	Max	-46.39	-6.24
88	88	Shell-Thick	823	SLU_ENV	Combination	Min	-113.09	-17.42
88	88	Shell-Thick	838	SLU_ENV	Combination	Min	-99.65	-14.73
88	88	Shell-Thick	839	SLU_ENV	Combination	Min	-99.6	-14.49
88	88	Shell-Thick	824	SLU_ENV	Combination	Min	-113.04	-17.18
88	88	Shell-Thick	823	SLV_Ex	Combination		-204.73	-21.93
88	88	Shell-Thick	838	SLV_Ex	Combination		-193.54	-19.7
88	88	Shell-Thick	839	SLV_Ex	Combination		-193.12	-17.57
88	88	Shell-Thick	824	SLV_Ex	Combination		-204.3	-19.81
89	89	Shell-Thick	824	SLU_ENV	Combination	Max	-47.06	-6.37
89	89	Shell-Thick	839	SLU_ENV	Combination	Max	-43.38	-5.64
89	89	Shell-Thick	840	SLU_ENV	Combination	Max	-43.32	-5.37
89	89	Shell-Thick	825	SLU_ENV	Combination	Max	-47.01	-6.1
89	89	Shell-Thick	824	SLU_ENV	Combination	Min	-114.85	-17.54
89	89	Shell-Thick	839	SLU_ENV	Combination	Min	-101.12	-14.8
89	89	Shell-Thick	840	SLU_ENV	Combination	Min	-100.99	-14.16
89	89	Shell-Thick	825	SLU_ENV	Combination	Min	-114.72	-16.91
89	89	Shell-Thick	824	SLV_Ex	Combination		-197.1	-18.37
89	89	Shell-Thick	839	SLV_Ex	Combination		-187.73	-16.5
89	89	Shell-Thick	840	SLV_Ex	Combination		-187.18	-13.78
89	89	Shell-Thick	825	SLV_Ex	Combination		-196.55	-15.66
90	90	Shell-Thick	825	SLU_ENV	Combination	Max	-47.04	-6.11
90	90	Shell-Thick	840	SLU_ENV	Combination	Max	-43.33	-5.37
90	90	Shell-Thick	841	SLU_ENV	Combination	Max	-43.4	-5.7
90	90	Shell-Thick	826	SLU_ENV	Combination	Max	-47.1	-6.44
90	90	Shell-Thick	825	SLU_ENV	Combination	Min	-114.77	-16.92
90	90	Shell-Thick	840	SLU_ENV	Combination	Min	-101.	-14.17
90	90	Shell-Thick	841	SLU_ENV	Combination	Min	-101.15	-14.91
90	90	Shell-Thick	826	SLU_ENV	Combination	Min	-114.92	-17.67
90	90	Shell-Thick	825	SLV_Ex	Combination		-187.85	-13.91
90	90	Shell-Thick	840	SLV_Ex	Combination		-180.6	-12.46
90	90	Shell-Thick	841	SLV_Ex	Combination		-180.12	-10.09
90	90	Shell-Thick	826	SLV_Ex	Combination		-187.38	-11.54
91	91	Shell-Thick	826	SLU_ENV	Combination	Max	-46.48	-6.32
91	91	Shell-Thick	841	SLU_ENV	Combination	Max	-42.83	-5.59
91	91	Shell-Thick	842	SLU_ENV	Combination	Max	-42.89	-5.86
91	91	Shell-Thick	827	SLU_ENV	Combination	Max	-46.54	-6.59
91	91	Shell-Thick	826	SLU_ENV	Combination	Min	-113.2	-17.32
91	91	Shell-Thick	841	SLU_ENV	Combination	Min	-99.67	-14.61
91	91	Shell-Thick	842	SLU_ENV	Combination	Min	-99.75	-14.99
91	91	Shell-Thick	827	SLU_ENV	Combination	Min	-113.28	-17.7
91	91	Shell-Thick	826	SLV_Ex	Combination		-177.86	-9.64
91	91	Shell-Thick	841	SLV_Ex	Combination		-172.65	-8.6
91	91	Shell-Thick	842	SLV_Ex	Combination		-172.25	-6.6
91	91	Shell-Thick	827	SLV_Ex	Combination		-177.46	-7.64
92	92	Shell-Thick	827	SLU_ENV	Combination	Max	-45.24	-6.33
92	92	Shell-Thick	842	SLU_ENV	Combination	Max	-41.78	-5.64

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
92	92	Shell-Thick	843	SLU_ENV	Combination	Max	-41.94	-6.4
92	92	Shell-Thick	828	SLU_ENV	Combination	Max	-45.4	-7.09
92	92	Shell-Thick	827	SLU_ENV	Combination	Min	-109.74	-16.99
92	92	Shell-Thick	842	SLU_ENV	Combination	Min	-96.91	-14.42
92	92	Shell-Thick	843	SLU_ENV	Combination	Min	-97.17	-15.75
92	92	Shell-Thick	828	SLU_ENV	Combination	Min	-110.01	-18.31
92	92	Shell-Thick	827	SLV_Ex	Combination		-167.58	-5.67
92	92	Shell-Thick	842	SLV_Ex	Combination		-164.23	-5.
92	92	Shell-Thick	843	SLV_Ex	Combination		-163.76	-2.61
92	92	Shell-Thick	828	SLV_Ex	Combination		-167.11	-3.28
93	93	Shell-Thick	828	SLU_ENV	Combination	Max	-43.36	-6.69
93	93	Shell-Thick	843	SLU_ENV	Combination	Max	-40.38	-6.09
93	93	Shell-Thick	844	SLU_ENV	Combination	Max	-40.42	-6.28
93	93	Shell-Thick	829	SLU_ENV	Combination	Max	-43.4	-6.88
93	93	Shell-Thick	828	SLU_ENV	Combination	Min	-104.61	-17.23
93	93	Shell-Thick	843	SLU_ENV	Combination	Min	-93.27	-14.97
93	93	Shell-Thick	844	SLU_ENV	Combination	Min	-93.15	-14.33
93	93	Shell-Thick	829	SLU_ENV	Combination	Min	-104.48	-16.59
93	93	Shell-Thick	828	SLV_Ex	Combination		-157.63	-1.38
93	93	Shell-Thick	843	SLV_Ex	Combination		-155.53	-0.96
93	93	Shell-Thick	844	SLV_Ex	Combination		-155.3	0.17
93	93	Shell-Thick	829	SLV_Ex	Combination		-157.41	-0.25
94	94	Shell-Thick	829	SLU_ENV	Combination	Max	-40.66	-6.33
94	94	Shell-Thick	844	SLU_ENV	Combination	Max	-38.71	-5.94
94	94	Shell-Thick	845	SLU_ENV	Combination	Max	-38.72	-5.99
94	94	Shell-Thick	830	SLU_ENV	Combination	Max	-40.67	-6.38
94	94	Shell-Thick	829	SLU_ENV	Combination	Min	-97.44	-15.19
94	94	Shell-Thick	844	SLU_ENV	Combination	Min	-89.19	-13.54
94	94	Shell-Thick	845	SLU_ENV	Combination	Min	-88.81	-11.61
94	94	Shell-Thick	830	SLU_ENV	Combination	Min	-97.06	-13.26
94	94	Shell-Thick	829	SLV_Ex	Combination		-148.55	1.52
94	94	Shell-Thick	844	SLV_Ex	Combination		-147.14	1.8
94	94	Shell-Thick	845	SLV_Ex	Combination		-146.57	4.63
94	94	Shell-Thick	830	SLV_Ex	Combination		-147.98	4.34
95	95	Shell-Thick	830	SLU_ENV	Combination	Max	-37.56	-5.76
95	95	Shell-Thick	845	SLU_ENV	Combination	Max	-37.44	-5.73
95	95	Shell-Thick	846	SLU_ENV	Combination	Max	-36.86	0.71
95	95	Shell-Thick	831	SLU_ENV	Combination	Max	-36.99	1.480E-02
95	95	Shell-Thick	830	SLU_ENV	Combination	Min	-89.78	-11.81
95	95	Shell-Thick	845	SLU_ENV	Combination	Min	-86.42	-11.13
95	95	Shell-Thick	846	SLU_ENV	Combination	Min	-84.32	-4.23
95	95	Shell-Thick	831	SLU_ENV	Combination	Min	-87.69	-4.24
95	95	Shell-Thick	830	SLV_Ex	Combination		-141.37	5.67
95	95	Shell-Thick	845	SLV_Ex	Combination		-137.16	6.51
95	95	Shell-Thick	846	SLV_Ex	Combination		-137.82	3.16
95	95	Shell-Thick	831	SLV_Ex	Combination		-142.04	2.32
96	96	Shell-Thick	831	SLU_ENV	Combination	Max	-35.62	0.27
96	96	Shell-Thick	846	SLU_ENV	Combination	Max	-36.56	0.57
96	96	Shell-Thick	847	SLU_ENV	Combination	Max	-35.63	15.29
96	96	Shell-Thick	832	SLU_ENV	Combination	Max	-34.7	15.13
96	96	Shell-Thick	831	SLU_ENV	Combination	Min	-85.77	-3.83
96	96	Shell-Thick	846	SLU_ENV	Combination	Min	-84.95	-4.15
96	96	Shell-Thick	847	SLU_ENV	Combination	Min	-81.73	1.83
96	96	Shell-Thick	832	SLU_ENV	Combination	Min	-82.55	2.02

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
96	96	Shell-Thick	831	SLV_Ex	Combination		-130.76	4.58
96	96	Shell-Thick	846	SLV_Ex	Combination		-126.78	5.37
96	96	Shell-Thick	847	SLV_Ex	Combination		-127.51	1.73
96	96	Shell-Thick	832	SLV_Ex	Combination		-131.49	0.93
97	97	Shell-Thick	832	SLU_ENV	Combination	Max	-34.8	14.62
97	97	Shell-Thick	847	SLU_ENV	Combination	Max	-35.48	14.99
97	97	Shell-Thick	56	SLU_ENV	Combination	Max	-34.22	35.73
97	97	Shell-Thick	29	SLU_ENV	Combination	Max	-33.54	35.35
97	97	Shell-Thick	832	SLU_ENV	Combination	Min	-85.08	2.
97	97	Shell-Thick	847	SLU_ENV	Combination	Min	-83.22	1.87
97	97	Shell-Thick	56	SLU_ENV	Combination	Min	-79.07	8.16
97	97	Shell-Thick	29	SLU_ENV	Combination	Min	-80.94	8.3
97	97	Shell-Thick	832	SLV_Ex	Combination		-119.55	3.32
97	97	Shell-Thick	847	SLV_Ex	Combination		-115.53	4.12
97	97	Shell-Thick	56	SLV_Ex	Combination		-117.56	-6.02
97	97	Shell-Thick	29	SLV_Ex	Combination		-121.57	-6.82
98	98	Shell-Thick	379	SLU_ENV	Combination	Max	-35.31	24.97
98	98	Shell-Thick	397	SLU_ENV	Combination	Max	-36.09	25.35
98	98	Shell-Thick	848	SLU_ENV	Combination	Max	-36.68	14.31
98	98	Shell-Thick	833	SLU_ENV	Combination	Max	-35.9	13.93
98	98	Shell-Thick	379	SLU_ENV	Combination	Min	-82.21	5.44
98	98	Shell-Thick	397	SLU_ENV	Combination	Min	-80.31	5.29
98	98	Shell-Thick	848	SLU_ENV	Combination	Min	-82.51	2.32
98	98	Shell-Thick	833	SLU_ENV	Combination	Min	-84.41	2.47
98	98	Shell-Thick	379	SLV_Ex	Combination		-221.81	50.57
98	98	Shell-Thick	397	SLV_Ex	Combination		-226.05	49.72
98	98	Shell-Thick	848	SLV_Ex	Combination		-230.96	25.13
98	98	Shell-Thick	833	SLV_Ex	Combination		-226.73	25.97
99	99	Shell-Thick	833	SLU_ENV	Combination	Max	-35.88	14.29
99	99	Shell-Thick	848	SLU_ENV	Combination	Max	-36.42	14.7
99	99	Shell-Thick	849	SLU_ENV	Combination	Max	-37.17	2.82
99	99	Shell-Thick	834	SLU_ENV	Combination	Max	-36.62	2.32
99	99	Shell-Thick	833	SLU_ENV	Combination	Min	-82.61	2.48
99	99	Shell-Thick	848	SLU_ENV	Combination	Min	-80.55	2.37
99	99	Shell-Thick	849	SLU_ENV	Combination	Min	-83.07	-2.06
99	99	Shell-Thick	834	SLU_ENV	Combination	Min	-85.12	-1.86
99	99	Shell-Thick	833	SLV_Ex	Combination		-212.05	28.91
99	99	Shell-Thick	848	SLV_Ex	Combination		-215.11	28.3
99	99	Shell-Thick	849	SLV_Ex	Combination		-220.3	2.38
99	99	Shell-Thick	834	SLV_Ex	Combination		-217.24	2.99
100	100	Shell-Thick	834	SLU_ENV	Combination	Max	-36.76	2.51
100	100	Shell-Thick	849	SLU_ENV	Combination	Max	-37.3	2.98
100	100	Shell-Thick	850	SLU_ENV	Combination	Max	-37.76	-3.69
100	100	Shell-Thick	835	SLU_ENV	Combination	Max	-37.22	-3.58
100	100	Shell-Thick	834	SLU_ENV	Combination	Min	-84.21	-1.9
100	100	Shell-Thick	849	SLU_ENV	Combination	Min	-82.29	-2.09
100	100	Shell-Thick	850	SLU_ENV	Combination	Min	-83.96	-6.07
100	100	Shell-Thick	835	SLU_ENV	Combination	Min	-85.88	-6.46
100	100	Shell-Thick	834	SLV_Ex	Combination		-204.57	5.52
100	100	Shell-Thick	849	SLV_Ex	Combination		-208.06	4.83
100	100	Shell-Thick	850	SLV_Ex	Combination		-211.4	-11.87
100	100	Shell-Thick	835	SLV_Ex	Combination		-207.91	-11.17
101	101	Shell-Thick	835	SLU_ENV	Combination	Max	-38.38	-3.82
101	101	Shell-Thick	850	SLU_ENV	Combination	Max	-38.03	-3.75



Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
101	101	Shell-Thick	851	SLU_ENV	Combination	Max	-38.33	-5.24
101	101	Shell-Thick	836	SLU_ENV	Combination	Max	-38.68	-5.31
101	101	Shell-Thick	835	SLU_ENV	Combination	Min	-88.04	-6.89
101	101	Shell-Thick	850	SLU_ENV	Combination	Min	-83.88	-6.06
101	101	Shell-Thick	851	SLU_ENV	Combination	Min	-85.	-11.63
101	101	Shell-Thick	836	SLU_ENV	Combination	Min	-89.16	-12.47
101	101	Shell-Thick	835	SLV_Ex	Combination		-201.51	-9.89
101	101	Shell-Thick	850	SLV_Ex	Combination		-201.12	-9.81
101	101	Shell-Thick	851	SLV_Ex	Combination		-203.22	-20.32
101	101	Shell-Thick	836	SLV_Ex	Combination		-203.61	-20.4
102	102	Shell-Thick	836	SLU_ENV	Combination	Max	-40.3	-5.64
102	102	Shell-Thick	851	SLU_ENV	Combination	Max	-39.11	-5.4
102	102	Shell-Thick	852	SLU_ENV	Combination	Max	-39.13	-5.54
102	102	Shell-Thick	837	SLU_ENV	Combination	Max	-40.32	-5.77
102	102	Shell-Thick	836	SLU_ENV	Combination	Min	-92.95	-13.23
102	102	Shell-Thick	851	SLU_ENV	Combination	Min	-86.51	-11.94
102	102	Shell-Thick	852	SLU_ENV	Combination	Min	-86.81	-13.43
102	102	Shell-Thick	837	SLU_ENV	Combination	Min	-93.25	-14.72
102	102	Shell-Thick	836	SLV_Ex	Combination		-200.41	-19.76
102	102	Shell-Thick	851	SLV_Ex	Combination		-196.75	-19.03
102	102	Shell-Thick	852	SLV_Ex	Combination		-197.26	-21.6
102	102	Shell-Thick	837	SLV_Ex	Combination		-200.92	-22.33
103	103	Shell-Thick	837	SLU_ENV	Combination	Max	-41.85	-6.08
103	103	Shell-Thick	852	SLU_ENV	Combination	Max	-39.99	-5.71
103	103	Shell-Thick	853	SLU_ENV	Combination	Max	-40.02	-5.82
103	103	Shell-Thick	838	SLU_ENV	Combination	Max	-41.87	-6.19
103	103	Shell-Thick	837	SLU_ENV	Combination	Min	-97.09	-15.49
103	103	Shell-Thick	852	SLU_ENV	Combination	Min	-88.73	-13.82
103	103	Shell-Thick	853	SLU_ENV	Combination	Min	-88.93	-14.77
103	103	Shell-Thick	838	SLU_ENV	Combination	Min	-97.28	-16.44
103	103	Shell-Thick	837	SLV_Ex	Combination		-197.88	-21.72
103	103	Shell-Thick	852	SLV_Ex	Combination		-192.33	-20.61
103	103	Shell-Thick	853	SLV_Ex	Combination		-192.44	-21.14
103	103	Shell-Thick	838	SLV_Ex	Combination		-197.99	-22.25
104	104	Shell-Thick	838	SLU_ENV	Combination	Max	-42.97	-6.41
104	104	Shell-Thick	853	SLU_ENV	Combination	Max	-40.75	-5.96
104	104	Shell-Thick	854	SLU_ENV	Combination	Max	-40.7	-5.67
104	104	Shell-Thick	839	SLU_ENV	Combination	Max	-42.91	-6.11
104	104	Shell-Thick	838	SLU_ENV	Combination	Min	-100.11	-17.01
104	104	Shell-Thick	853	SLU_ENV	Combination	Min	-90.69	-15.13
104	104	Shell-Thick	854	SLU_ENV	Combination	Min	-90.61	-14.72
104	104	Shell-Thick	839	SLU_ENV	Combination	Min	-100.03	-16.61
104	104	Shell-Thick	838	SLV_Ex	Combination		-193.89	-21.43
104	104	Shell-Thick	853	SLV_Ex	Combination		-187.94	-20.24
104	104	Shell-Thick	854	SLV_Ex	Combination		-187.55	-18.3
104	104	Shell-Thick	839	SLV_Ex	Combination		-193.5	-19.49
105	105	Shell-Thick	839	SLU_ENV	Combination	Max	-43.49	-6.23
105	105	Shell-Thick	854	SLU_ENV	Combination	Max	-41.09	-5.75
105	105	Shell-Thick	855	SLU_ENV	Combination	Max	-41.11	-5.86
105	105	Shell-Thick	840	SLU_ENV	Combination	Max	-43.52	-6.34
105	105	Shell-Thick	839	SLU_ENV	Combination	Min	-101.54	-16.91
105	105	Shell-Thick	854	SLU_ENV	Combination	Min	-91.58	-14.92
105	105	Shell-Thick	855	SLU_ENV	Combination	Min	-91.65	-15.28
105	105	Shell-Thick	840	SLU_ENV	Combination	Min	-101.61	-17.28

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
105	105	Shell-Thick	839	SLV_Ex	Combination		-188.11	-18.41
105	105	Shell-Thick	854	SLV_Ex	Combination		-182.51	-17.29
105	105	Shell-Thick	855	SLV_Ex	Combination		-182.09	-15.19
105	105	Shell-Thick	840	SLV_Ex	Combination		-187.69	-16.31
106	106	Shell-Thick	840	SLU_ENV	Combination	Max	-43.53	-6.34
106	106	Shell-Thick	855	SLU_ENV	Combination	Max	-41.11	-5.86
106	106	Shell-Thick	856	SLU_ENV	Combination	Max	-41.1	-5.83
106	106	Shell-Thick	841	SLU_ENV	Combination	Max	-43.52	-6.31
106	106	Shell-Thick	840	SLU_ENV	Combination	Min	-101.63	-17.28
106	106	Shell-Thick	855	SLU_ENV	Combination	Min	-91.64	-15.28
106	106	Shell-Thick	856	SLU_ENV	Combination	Min	-91.6	-15.05
106	106	Shell-Thick	841	SLU_ENV	Combination	Min	-101.58	-17.05
106	106	Shell-Thick	840	SLV_Ex	Combination		-181.1	-14.99
106	106	Shell-Thick	855	SLV_Ex	Combination		-176.3	-14.03
106	106	Shell-Thick	856	SLV_Ex	Combination		-175.82	-11.67
106	106	Shell-Thick	841	SLV_Ex	Combination		-180.63	-12.64
107	107	Shell-Thick	841	SLU_ENV	Combination	Max	-42.96	-6.2
107	107	Shell-Thick	856	SLU_ENV	Combination	Max	-40.69	-5.74
107	107	Shell-Thick	857	SLU_ENV	Combination	Max	-40.77	-6.13
107	107	Shell-Thick	842	SLU_ENV	Combination	Max	-43.03	-6.58
107	107	Shell-Thick	841	SLU_ENV	Combination	Min	-100.1	-16.75
107	107	Shell-Thick	856	SLU_ENV	Combination	Min	-90.6	-14.85
107	107	Shell-Thick	857	SLU_ENV	Combination	Min	-90.71	-15.42
107	107	Shell-Thick	842	SLU_ENV	Combination	Min	-100.21	-17.32
107	107	Shell-Thick	841	SLV_Ex	Combination		-173.16	-11.14
107	107	Shell-Thick	856	SLV_Ex	Combination		-169.13	-10.34
107	107	Shell-Thick	857	SLV_Ex	Combination		-168.66	-7.96
107	107	Shell-Thick	842	SLV_Ex	Combination		-172.68	-8.77
108	108	Shell-Thick	842	SLU_ENV	Combination	Max	-41.93	-6.36
108	108	Shell-Thick	857	SLU_ENV	Combination	Max	-40.	-5.98
108	108	Shell-Thick	858	SLU_ENV	Combination	Max	-40.	-5.99
108	108	Shell-Thick	843	SLU_ENV	Combination	Max	-41.93	-6.37
108	108	Shell-Thick	842	SLU_ENV	Combination	Min	-97.37	-16.75
108	108	Shell-Thick	857	SLU_ENV	Combination	Min	-88.89	-15.06
108	108	Shell-Thick	858	SLU_ENV	Combination	Min	-88.74	-14.31
108	108	Shell-Thick	843	SLU_ENV	Combination	Min	-97.22	-16.01
108	108	Shell-Thick	842	SLV_Ex	Combination		-164.67	-7.16
108	108	Shell-Thick	857	SLV_Ex	Combination		-161.35	-6.5
108	108	Shell-Thick	858	SLV_Ex	Combination		-161.03	-4.94
108	108	Shell-Thick	843	SLV_Ex	Combination		-164.36	-5.6
109	109	Shell-Thick	843	SLU_ENV	Combination	Max	-40.37	-6.06
109	109	Shell-Thick	858	SLU_ENV	Combination	Max	-39.09	-5.8
109	109	Shell-Thick	859	SLU_ENV	Combination	Max	-39.09	-5.83
109	109	Shell-Thick	844	SLU_ENV	Combination	Max	-40.38	-6.09
109	109	Shell-Thick	843	SLU_ENV	Combination	Min	-93.33	-15.23
109	109	Shell-Thick	858	SLU_ENV	Combination	Min	-86.71	-13.91
109	109	Shell-Thick	859	SLU_ENV	Combination	Min	-86.47	-12.7
109	109	Shell-Thick	844	SLU_ENV	Combination	Min	-93.09	-14.03
109	109	Shell-Thick	843	SLV_Ex	Combination		-156.12	-3.96
109	109	Shell-Thick	858	SLV_Ex	Combination		-153.06	-3.34
109	109	Shell-Thick	859	SLV_Ex	Combination		-152.63	-1.21
109	109	Shell-Thick	844	SLV_Ex	Combination		-155.7	-1.83
110	110	Shell-Thick	844	SLU_ENV	Combination	Max	-38.67	-5.75
110	110	Shell-Thick	859	SLU_ENV	Combination	Max	-38.23	-5.66

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
110	110	Shell-Thick	860	SLU_ENV	Combination	Max	-37.97	-4.36
110	110	Shell-Thick	845	SLU_ENV	Combination	Max	-38.41	-4.45
110	110	Shell-Thick	844	SLU_ENV	Combination	Min	-89.13	-13.24
110	110	Shell-Thick	859	SLU_ENV	Combination	Min	-84.81	-12.37
110	110	Shell-Thick	860	SLU_ENV	Combination	Min	-83.76	-7.14
110	110	Shell-Thick	845	SLU_ENV	Combination	Min	-88.08	-8.
110	110	Shell-Thick	844	SLV_Ex	Combination		-147.54	-0.2
110	110	Shell-Thick	859	SLV_Ex	Combination		-144.11	0.49
110	110	Shell-Thick	860	SLV_Ex	Combination		-144.23	-0.11
110	110	Shell-Thick	845	SLV_Ex	Combination		-147.66	-0.8
111	111	Shell-Thick	845	SLU_ENV	Combination	Max	-37.13	-4.19
111	111	Shell-Thick	860	SLU_ENV	Combination	Max	-37.59	-4.28
111	111	Shell-Thick	861	SLU_ENV	Combination	Max	-37.18	1.84
111	111	Shell-Thick	846	SLU_ENV	Combination	Max	-36.72	1.36
111	111	Shell-Thick	845	SLU_ENV	Combination	Min	-85.69	-7.52
111	111	Shell-Thick	860	SLU_ENV	Combination	Min	-83.64	-7.11
111	111	Shell-Thick	861	SLU_ENV	Combination	Min	-82.06	-3.24
111	111	Shell-Thick	846	SLU_ENV	Combination	Min	-84.11	-3.07
111	111	Shell-Thick	845	SLV_Ex	Combination		-138.24	1.09
111	111	Shell-Thick	860	SLV_Ex	Combination		-134.51	1.83
111	111	Shell-Thick	861	SLV_Ex	Combination		-134.63	1.25
111	111	Shell-Thick	846	SLV_Ex	Combination		-138.36	0.5
112	112	Shell-Thick	846	SLU_ENV	Combination	Max	-36.41	1.21
112	112	Shell-Thick	861	SLU_ENV	Combination	Max	-36.91	1.72
112	112	Shell-Thick	862	SLU_ENV	Combination	Max	-36.22	12.89
112	112	Shell-Thick	847	SLU_ENV	Combination	Max	-35.72	12.46
112	112	Shell-Thick	846	SLU_ENV	Combination	Min	-84.73	-2.99
112	112	Shell-Thick	861	SLU_ENV	Combination	Min	-82.6	-3.17
112	112	Shell-Thick	862	SLU_ENV	Combination	Min	-80.17	1.33
112	112	Shell-Thick	847	SLU_ENV	Combination	Min	-82.3	1.43
112	112	Shell-Thick	846	SLV_Ex	Combination		-127.31	2.71
112	112	Shell-Thick	861	SLV_Ex	Combination		-124.51	3.27
112	112	Shell-Thick	862	SLV_Ex	Combination		-125.46	-1.48
112	112	Shell-Thick	847	SLV_Ex	Combination		-128.26	-2.04
113	113	Shell-Thick	847	SLU_ENV	Combination	Max	-35.56	12.16
113	113	Shell-Thick	862	SLU_ENV	Combination	Max	-36.35	12.54
113	113	Shell-Thick	83	SLU_ENV	Combination	Max	-35.8	23.19
113	113	Shell-Thick	56	SLU_ENV	Combination	Max	-35.01	22.81
113	113	Shell-Thick	847	SLU_ENV	Combination	Min	-83.79	1.46
113	113	Shell-Thick	862	SLU_ENV	Combination	Min	-81.91	1.31
113	113	Shell-Thick	83	SLU_ENV	Combination	Min	-79.78	4.04
113	113	Shell-Thick	56	SLU_ENV	Combination	Min	-81.66	4.2
113	113	Shell-Thick	847	SLV_Ex	Combination		-116.29	0.36
113	113	Shell-Thick	862	SLV_Ex	Combination		-113.1	1.
113	113	Shell-Thick	83	SLV_Ex	Combination		-113.95	-3.24
113	113	Shell-Thick	56	SLV_Ex	Combination		-117.13	-3.88
114	114	Shell-Thick	397	SLU_ENV	Combination	Max	-36.58	16.34
114	114	Shell-Thick	415	SLU_ENV	Combination	Max	-36.94	16.93
114	114	Shell-Thick	863	SLU_ENV	Combination	Max	-37.28	9.96
114	114	Shell-Thick	848	SLU_ENV	Combination	Max	-36.92	9.38
114	114	Shell-Thick	397	SLU_ENV	Combination	Min	-82.11	2.84
114	114	Shell-Thick	415	SLU_ENV	Combination	Min	-79.18	2.77
114	114	Shell-Thick	863	SLU_ENV	Combination	Min	-80.57	1.07
114	114	Shell-Thick	848	SLU_ENV	Combination	Min	-83.5	1.14

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
114	114	Shell-Thick	397	SLV_Ex	Combination		-227.55	42.19
114	114	Shell-Thick	415	SLV_Ex	Combination		-228.87	41.93
114	114	Shell-Thick	863	SLV_Ex	Combination		-232.69	22.85
114	114	Shell-Thick	848	SLV_Ex	Combination		-231.37	23.12
115	115	Shell-Thick	848	SLU_ENV	Combination	Max	-36.66	9.77
115	115	Shell-Thick	863	SLU_ENV	Combination	Max	-37.47	10.07
115	115	Shell-Thick	864	SLU_ENV	Combination	Max	-37.89	2.93
115	115	Shell-Thick	849	SLU_ENV	Combination	Max	-37.08	2.52
115	115	Shell-Thick	848	SLU_ENV	Combination	Min	-81.54	1.19
115	115	Shell-Thick	863	SLU_ENV	Combination	Min	-80.04	1.03
115	115	Shell-Thick	864	SLU_ENV	Combination	Min	-81.57	-1.6
115	115	Shell-Thick	849	SLU_ENV	Combination	Min	-83.07	-1.33
115	115	Shell-Thick	848	SLV_Ex	Combination		-215.52	26.29
115	115	Shell-Thick	863	SLV_Ex	Combination		-219.83	25.42
115	115	Shell-Thick	864	SLV_Ex	Combination		-223.65	6.31
115	115	Shell-Thick	849	SLV_Ex	Combination		-219.34	7.18
116	116	Shell-Thick	849	SLU_ENV	Combination	Max	-37.21	2.68
116	116	Shell-Thick	864	SLU_ENV	Combination	Max	-37.58	3.21
116	116	Shell-Thick	865	SLU_ENV	Combination	Max	-38.	-2.98
116	116	Shell-Thick	850	SLU_ENV	Combination	Max	-37.63	-3.05
116	116	Shell-Thick	849	SLU_ENV	Combination	Min	-82.3	-1.36
116	116	Shell-Thick	864	SLU_ENV	Combination	Min	-79.97	-1.5
116	116	Shell-Thick	865	SLU_ENV	Combination	Min	-81.44	-4.75
116	116	Shell-Thick	850	SLU_ENV	Combination	Min	-83.76	-5.07
116	116	Shell-Thick	849	SLV_Ex	Combination		-207.1	9.63
116	116	Shell-Thick	864	SLV_Ex	Combination		-209.53	9.14
116	116	Shell-Thick	865	SLV_Ex	Combination		-212.86	-7.5
116	116	Shell-Thick	850	SLV_Ex	Combination		-210.43	-7.02
117	117	Shell-Thick	850	SLU_ENV	Combination	Max	-37.9	-3.1
117	117	Shell-Thick	865	SLU_ENV	Combination	Max	-38.1	-2.89
117	117	Shell-Thick	866	SLU_ENV	Combination	Max	-38.33	-4.3
117	117	Shell-Thick	851	SLU_ENV	Combination	Max	-38.13	-4.26
117	117	Shell-Thick	850	SLU_ENV	Combination	Min	-83.68	-5.06
117	117	Shell-Thick	865	SLU_ENV	Combination	Min	-81.01	-4.78
117	117	Shell-Thick	866	SLU_ENV	Combination	Min	-81.91	-8.98
117	117	Shell-Thick	851	SLU_ENV	Combination	Min	-84.57	-9.52
117	117	Shell-Thick	850	SLV_Ex	Combination		-200.15	-4.96
117	117	Shell-Thick	865	SLV_Ex	Combination		-202.41	-5.41
117	117	Shell-Thick	866	SLV_Ex	Combination		-204.41	-15.4
117	117	Shell-Thick	851	SLV_Ex	Combination		-202.15	-14.94
118	118	Shell-Thick	851	SLU_ENV	Combination	Max	-38.91	-4.41
118	118	Shell-Thick	866	SLU_ENV	Combination	Max	-38.55	-4.34
118	118	Shell-Thick	867	SLU_ENV	Combination	Max	-38.71	-5.14
118	118	Shell-Thick	852	SLU_ENV	Combination	Max	-39.07	-5.21
118	118	Shell-Thick	851	SLU_ENV	Combination	Min	-86.09	-9.82
118	118	Shell-Thick	866	SLU_ENV	Combination	Min	-81.94	-8.99
118	118	Shell-Thick	867	SLU_ENV	Combination	Min	-82.56	-12.13
118	118	Shell-Thick	852	SLU_ENV	Combination	Min	-86.71	-12.96
118	118	Shell-Thick	851	SLV_Ex	Combination		-195.67	-13.65
118	118	Shell-Thick	866	SLV_Ex	Combination		-195.96	-13.71
118	118	Shell-Thick	867	SLV_Ex	Combination		-197.12	-19.5
118	118	Shell-Thick	852	SLV_Ex	Combination		-196.83	-19.44
119	119	Shell-Thick	852	SLU_ENV	Combination	Max	-39.93	-5.38
119	119	Shell-Thick	867	SLU_ENV	Combination	Max	-39.14	-5.22

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
119	119	Shell-Thick	868	SLU_ENV	Combination	Max	-39.16	-5.29
119	119	Shell-Thick	853	SLU_ENV	Combination	Max	-39.94	-5.45
119	119	Shell-Thick	852	SLU_ENV	Combination	Min	-88.64	-13.34
119	119	Shell-Thick	867	SLU_ENV	Combination	Min	-83.32	-12.28
119	119	Shell-Thick	868	SLU_ENV	Combination	Min	-83.5	-13.19
119	119	Shell-Thick	853	SLU_ENV	Combination	Min	-88.82	-14.25
119	119	Shell-Thick	852	SLV_Ex	Combination		-191.9	-18.45
119	119	Shell-Thick	867	SLV_Ex	Combination		-190.97	-18.27
119	119	Shell-Thick	868	SLV_Ex	Combination		-191.21	-19.44
119	119	Shell-Thick	853	SLV_Ex	Combination		-192.13	-19.63
120	120	Shell-Thick	853	SLU_ENV	Combination	Max	-40.68	-5.6
120	120	Shell-Thick	868	SLU_ENV	Combination	Max	-39.55	-5.37
120	120	Shell-Thick	869	SLU_ENV	Combination	Max	-39.58	-5.55
120	120	Shell-Thick	854	SLU_ENV	Combination	Max	-40.72	-5.78
120	120	Shell-Thick	853	SLU_ENV	Combination	Min	-90.59	-14.6
120	120	Shell-Thick	868	SLU_ENV	Combination	Min	-84.27	-13.34
120	120	Shell-Thick	869	SLU_ENV	Combination	Min	-84.44	-14.19
120	120	Shell-Thick	854	SLU_ENV	Combination	Min	-90.76	-15.46
120	120	Shell-Thick	853	SLV_Ex	Combination		-187.64	-18.73
120	120	Shell-Thick	868	SLV_Ex	Combination		-185.81	-18.36
120	120	Shell-Thick	869	SLV_Ex	Combination		-185.74	-18.05
120	120	Shell-Thick	854	SLV_Ex	Combination		-187.58	-18.42
121	121	Shell-Thick	854	SLU_ENV	Combination	Max	-41.11	-5.86
121	121	Shell-Thick	869	SLU_ENV	Combination	Max	-39.82	-5.6
121	121	Shell-Thick	870	SLU_ENV	Combination	Max	-39.79	-5.48
121	121	Shell-Thick	855	SLU_ENV	Combination	Max	-41.09	-5.74
121	121	Shell-Thick	854	SLU_ENV	Combination	Min	-91.72	-15.65
121	121	Shell-Thick	869	SLU_ENV	Combination	Min	-84.95	-14.29
121	121	Shell-Thick	870	SLU_ENV	Combination	Min	-84.91	-14.1
121	121	Shell-Thick	855	SLU_ENV	Combination	Min	-91.69	-15.46
121	121	Shell-Thick	854	SLV_Ex	Combination		-182.53	-17.41
121	121	Shell-Thick	869	SLV_Ex	Combination		-180.43	-16.99
121	121	Shell-Thick	870	SLV_Ex	Combination		-180.09	-15.32
121	121	Shell-Thick	855	SLV_Ex	Combination		-182.2	-15.74
122	122	Shell-Thick	855	SLU_ENV	Combination	Max	-41.09	-5.74
122	122	Shell-Thick	870	SLU_ENV	Combination	Max	-39.78	-5.48
122	122	Shell-Thick	871	SLU_ENV	Combination	Max	-39.82	-5.68
122	122	Shell-Thick	856	SLU_ENV	Combination	Max	-41.13	-5.94
122	122	Shell-Thick	855	SLU_ENV	Combination	Min	-91.68	-15.46
122	122	Shell-Thick	870	SLU_ENV	Combination	Min	-84.88	-14.1
122	122	Shell-Thick	871	SLU_ENV	Combination	Min	-84.94	-14.43
122	122	Shell-Thick	856	SLU_ENV	Combination	Min	-91.74	-15.79
122	122	Shell-Thick	855	SLV_Ex	Combination		-176.41	-14.58
122	122	Shell-Thick	870	SLV_Ex	Combination		-174.1	-14.12
122	122	Shell-Thick	871	SLV_Ex	Combination		-173.74	-12.34
122	122	Shell-Thick	856	SLV_Ex	Combination		-176.05	-12.8
123	123	Shell-Thick	856	SLU_ENV	Combination	Max	-40.71	-5.85
123	123	Shell-Thick	871	SLU_ENV	Combination	Max	-39.55	-5.62
123	123	Shell-Thick	872	SLU_ENV	Combination	Max	-39.53	-5.54
123	123	Shell-Thick	857	SLU_ENV	Combination	Max	-40.7	-5.77
123	123	Shell-Thick	856	SLU_ENV	Combination	Min	-90.75	-15.59
123	123	Shell-Thick	871	SLU_ENV	Combination	Min	-84.37	-14.32
123	123	Shell-Thick	872	SLU_ENV	Combination	Min	-84.23	-13.63
123	123	Shell-Thick	857	SLU_ENV	Combination	Min	-90.61	-14.9

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
123	123	Shell-Thick	856	SLV_Ex	Combination		-169.36	-11.46
123	123	Shell-Thick	871	SLV_Ex	Combination		-167.08	-11.01
123	123	Shell-Thick	872	SLV_Ex	Combination		-166.78	-9.5
123	123	Shell-Thick	857	SLV_Ex	Combination		-169.05	-9.95
124	124	Shell-Thick	857	SLU_ENV	Combination	Max	-39.93	-5.62
124	124	Shell-Thick	872	SLU_ENV	Combination	Max	-39.09	-5.45
124	124	Shell-Thick	873	SLU_ENV	Combination	Max	-39.1	-5.5
124	124	Shell-Thick	858	SLU_ENV	Combination	Max	-39.94	-5.66
124	124	Shell-Thick	857	SLU_ENV	Combination	Min	-88.79	-14.54
124	124	Shell-Thick	872	SLU_ENV	Combination	Min	-83.38	-13.46
124	124	Shell-Thick	873	SLU_ENV	Combination	Min	-83.24	-12.76
124	124	Shell-Thick	858	SLU_ENV	Combination	Min	-88.65	-13.84
124	124	Shell-Thick	857	SLV_Ex	Combination		-161.74	-8.49
124	124	Shell-Thick	872	SLV_Ex	Combination		-159.16	-7.97
124	124	Shell-Thick	873	SLV_Ex	Combination		-158.83	-6.32
124	124	Shell-Thick	858	SLV_Ex	Combination		-161.41	-6.83
125	125	Shell-Thick	858	SLU_ENV	Combination	Max	-39.02	-5.48
125	125	Shell-Thick	873	SLU_ENV	Combination	Max	-38.6	-5.4
125	125	Shell-Thick	874	SLU_ENV	Combination	Max	-38.47	-4.74
125	125	Shell-Thick	859	SLU_ENV	Combination	Max	-38.89	-4.82
125	125	Shell-Thick	858	SLU_ENV	Combination	Min	-86.62	-13.44
125	125	Shell-Thick	873	SLU_ENV	Combination	Min	-82.37	-12.59
125	125	Shell-Thick	874	SLU_ENV	Combination	Min	-81.79	-9.69
125	125	Shell-Thick	859	SLU_ENV	Combination	Min	-86.04	-10.54
125	125	Shell-Thick	858	SLV_Ex	Combination		-153.44	-5.24
125	125	Shell-Thick	873	SLV_Ex	Combination		-150.72	-4.69
125	125	Shell-Thick	874	SLV_Ex	Combination		-150.65	-4.35
125	125	Shell-Thick	859	SLV_Ex	Combination		-153.37	-4.9
126	126	Shell-Thick	859	SLU_ENV	Combination	Max	-38.02	-4.65
126	126	Shell-Thick	874	SLU_ENV	Combination	Max	-38.17	-4.67
126	126	Shell-Thick	875	SLU_ENV	Combination	Max	-37.97	-3.64
126	126	Shell-Thick	860	SLU_ENV	Combination	Max	-37.83	-3.66
126	126	Shell-Thick	859	SLU_ENV	Combination	Min	-84.38	-10.2
126	126	Shell-Thick	874	SLU_ENV	Combination	Min	-81.61	-9.65
126	126	Shell-Thick	875	SLU_ENV	Combination	Min	-80.78	-5.54
126	126	Shell-Thick	860	SLU_ENV	Combination	Min	-83.54	-6.05
126	126	Shell-Thick	859	SLV_Ex	Combination		-144.85	-3.19
126	126	Shell-Thick	874	SLV_Ex	Combination		-141.55	-2.53
126	126	Shell-Thick	875	SLV_Ex	Combination		-141.41	-1.83
126	126	Shell-Thick	860	SLV_Ex	Combination		-144.71	-2.49
127	127	Shell-Thick	860	SLU_ENV	Combination	Max	-37.45	-3.58
127	127	Shell-Thick	875	SLU_ENV	Combination	Max	-37.77	-3.65
127	127	Shell-Thick	876	SLU_ENV	Combination	Max	-37.39	2.25
127	127	Shell-Thick	861	SLU_ENV	Combination	Max	-37.06	1.71
127	127	Shell-Thick	860	SLU_ENV	Combination	Min	-83.43	-6.02
127	127	Shell-Thick	875	SLU_ENV	Combination	Min	-81.02	-5.54
127	127	Shell-Thick	876	SLU_ENV	Combination	Min	-79.62	-2.48
127	127	Shell-Thick	861	SLU_ENV	Combination	Min	-82.02	-2.36
127	127	Shell-Thick	860	SLV_Ex	Combination		-134.99	-0.55
127	127	Shell-Thick	875	SLV_Ex	Combination		-132.3	-1.025E-02
127	127	Shell-Thick	876	SLV_Ex	Combination		-132.6	-1.55
127	127	Shell-Thick	861	SLV_Ex	Combination		-135.29	-2.09
128	128	Shell-Thick	861	SLU_ENV	Combination	Max	-36.8	1.58
128	128	Shell-Thick	876	SLU_ENV	Combination	Max	-37.6	2.

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
128	128	Shell-Thick	877	SLU_ENV	Combination	Max	-37.21	8.55
128	128	Shell-Thick	862	SLU_ENV	Combination	Max	-36.42	8.25
128	128	Shell-Thick	861	SLU_ENV	Combination	Min	-82.57	-2.29
128	128	Shell-Thick	876	SLU_ENV	Combination	Min	-81.04	-2.55
128	128	Shell-Thick	877	SLU_ENV	Combination	Min	-79.56	0.16
128	128	Shell-Thick	862	SLU_ENV	Combination	Min	-81.09	0.32
128	128	Shell-Thick	861	SLV_Ex	Combination		-125.17	-6.128E-02
128	128	Shell-Thick	876	SLV_Ex	Combination		-122.04	0.57
128	128	Shell-Thick	877	SLV_Ex	Combination		-122.35	-0.98
128	128	Shell-Thick	862	SLV_Ex	Combination		-125.48	-1.61
129	129	Shell-Thick	862	SLU_ENV	Combination	Max	-36.55	7.9
129	129	Shell-Thick	877	SLU_ENV	Combination	Max	-36.92	8.49
129	129	Shell-Thick	110	SLU_ENV	Combination	Max	-36.61	15.18
129	129	Shell-Thick	83	SLU_ENV	Combination	Max	-36.24	14.59
129	129	Shell-Thick	862	SLU_ENV	Combination	Min	-82.83	0.29
129	129	Shell-Thick	877	SLU_ENV	Combination	Min	-79.91	0.22
129	129	Shell-Thick	110	SLU_ENV	Combination	Min	-78.57	1.76
129	129	Shell-Thick	83	SLU_ENV	Combination	Min	-81.5	1.83
129	129	Shell-Thick	862	SLV_Ex	Combination		-113.13	0.86
129	129	Shell-Thick	877	SLV_Ex	Combination		-111.96	1.09
129	129	Shell-Thick	110	SLV_Ex	Combination		-112.7	-2.61
129	129	Shell-Thick	83	SLV_Ex	Combination		-113.87	-2.85
130	130	Shell-Thick	415	SLU_ENV	Combination	Max	-37.3	9.56
130	130	Shell-Thick	433	SLU_ENV	Combination	Max	-37.97	9.99
130	130	Shell-Thick	878	SLU_ENV	Combination	Max	-38.11	6.4
130	130	Shell-Thick	863	SLU_ENV	Combination	Max	-37.44	5.97
130	130	Shell-Thick	415	SLU_ENV	Combination	Min	-80.65	1.01
130	130	Shell-Thick	433	SLU_ENV	Combination	Min	-78.5	0.87
130	130	Shell-Thick	878	SLU_ENV	Combination	Min	-79.22	0.18
130	130	Shell-Thick	863	SLU_ENV	Combination	Min	-81.37	0.31
130	130	Shell-Thick	415	SLV_Ex	Combination		-229.89	36.83
130	130	Shell-Thick	433	SLV_Ex	Combination		-232.85	36.24
130	130	Shell-Thick	878	SLV_Ex	Combination		-235.91	20.96
130	130	Shell-Thick	863	SLV_Ex	Combination		-232.95	21.55
131	131	Shell-Thick	863	SLU_ENV	Combination	Max	-37.62	6.08
131	131	Shell-Thick	878	SLU_ENV	Combination	Max	-37.95	6.6
131	131	Shell-Thick	879	SLU_ENV	Combination	Max	-38.24	1.88
131	131	Shell-Thick	864	SLU_ENV	Combination	Max	-37.91	1.31
131	131	Shell-Thick	863	SLU_ENV	Combination	Min	-80.84	0.28
131	131	Shell-Thick	878	SLU_ENV	Combination	Min	-78.24	0.21
131	131	Shell-Thick	879	SLU_ENV	Combination	Min	-79.31	-1.86
131	131	Shell-Thick	864	SLU_ENV	Combination	Min	-81.9	-1.74
131	131	Shell-Thick	863	SLV_Ex	Combination		-220.09	24.12
131	131	Shell-Thick	878	SLV_Ex	Combination		-221.51	23.84
131	131	Shell-Thick	879	SLV_Ex	Combination		-224.89	6.92
131	131	Shell-Thick	864	SLV_Ex	Combination		-223.47	7.21
132	132	Shell-Thick	864	SLU_ENV	Combination	Max	-37.6	1.59
132	132	Shell-Thick	879	SLU_ENV	Combination	Max	-38.14	2.03
132	132	Shell-Thick	880	SLU_ENV	Combination	Max	-38.41	-2.09
132	132	Shell-Thick	865	SLU_ENV	Combination	Max	-37.87	-2.49
132	132	Shell-Thick	864	SLU_ENV	Combination	Min	-80.3	-1.64
132	132	Shell-Thick	879	SLU_ENV	Combination	Min	-78.47	-1.82
132	132	Shell-Thick	880	SLU_ENV	Combination	Min	-79.44	-3.96
132	132	Shell-Thick	865	SLU_ENV	Combination	Min	-81.28	-3.82

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
132	132	Shell-Thick	864	SLV_Ex	Combination		-209.35	10.03
132	132	Shell-Thick	879	SLV_Ex	Combination		-212.39	9.42
132	132	Shell-Thick	880	SLV_Ex	Combination		-215.25	-4.87
132	132	Shell-Thick	865	SLV_Ex	Combination		-212.21	-4.26
133	133	Shell-Thick	865	SLU_ENV	Combination	Max	-37.97	-2.44
133	133	Shell-Thick	880	SLU_ENV	Combination	Max	-38.23	-1.9
133	133	Shell-Thick	881	SLU_ENV	Combination	Max	-38.46	-3.72
133	133	Shell-Thick	866	SLU_ENV	Combination	Max	-38.2	-3.67
133	133	Shell-Thick	865	SLU_ENV	Combination	Min	-80.86	-3.8
133	133	Shell-Thick	880	SLU_ENV	Combination	Min	-78.39	-3.9
133	133	Shell-Thick	881	SLU_ENV	Combination	Min	-79.23	-7.44
133	133	Shell-Thick	866	SLU_ENV	Combination	Min	-81.7	-7.94
133	133	Shell-Thick	865	SLV_Ex	Combination		-201.76	-2.17
133	133	Shell-Thick	880	SLV_Ex	Combination		-204.12	-2.64
133	133	Shell-Thick	881	SLV_Ex	Combination		-206.16	-12.86
133	133	Shell-Thick	866	SLV_Ex	Combination		-203.8	-12.39
134	134	Shell-Thick	866	SLU_ENV	Combination	Max	-38.42	-3.71
134	134	Shell-Thick	881	SLU_ENV	Combination	Max	-38.53	-3.73
134	134	Shell-Thick	882	SLU_ENV	Combination	Max	-38.63	-4.26
134	134	Shell-Thick	867	SLU_ENV	Combination	Max	-38.53	-4.24
134	134	Shell-Thick	866	SLU_ENV	Combination	Min	-81.73	-7.94
134	134	Shell-Thick	881	SLU_ENV	Combination	Min	-78.91	-7.38
134	134	Shell-Thick	882	SLU_ENV	Combination	Min	-79.37	-9.7
134	134	Shell-Thick	867	SLU_ENV	Combination	Min	-82.19	-10.26
134	134	Shell-Thick	866	SLV_Ex	Combination		-195.36	-10.7
134	134	Shell-Thick	881	SLV_Ex	Combination		-197.84	-11.2
134	134	Shell-Thick	882	SLV_Ex	Combination		-198.9	-16.49
134	134	Shell-Thick	867	SLV_Ex	Combination		-196.42	-16.
135	135	Shell-Thick	867	SLU_ENV	Combination	Max	-38.96	-4.33
135	135	Shell-Thick	882	SLU_ENV	Combination	Max	-38.8	-4.29
135	135	Shell-Thick	883	SLU_ENV	Combination	Max	-38.88	-4.7
135	135	Shell-Thick	868	SLU_ENV	Combination	Max	-39.05	-4.74
135	135	Shell-Thick	867	SLU_ENV	Combination	Min	-82.95	-10.41
135	135	Shell-Thick	882	SLU_ENV	Combination	Min	-79.35	-9.69
135	135	Shell-Thick	883	SLU_ENV	Combination	Min	-79.7	-11.45
135	135	Shell-Thick	868	SLU_ENV	Combination	Min	-83.3	-12.17
135	135	Shell-Thick	867	SLV_Ex	Combination		-190.27	-14.77
135	135	Shell-Thick	882	SLV_Ex	Combination		-192.19	-15.15
135	135	Shell-Thick	883	SLV_Ex	Combination		-192.68	-17.57
135	135	Shell-Thick	868	SLV_Ex	Combination		-190.75	-17.19
136	136	Shell-Thick	868	SLU_ENV	Combination	Max	-39.43	-4.81
136	136	Shell-Thick	883	SLU_ENV	Combination	Max	-39.08	-4.74
136	136	Shell-Thick	884	SLU_ENV	Combination	Max	-39.07	-4.73
136	136	Shell-Thick	869	SLU_ENV	Combination	Max	-39.43	-4.8
136	136	Shell-Thick	868	SLU_ENV	Combination	Min	-84.07	-12.33
136	136	Shell-Thick	883	SLU_ENV	Combination	Min	-79.93	-11.5
136	136	Shell-Thick	884	SLU_ENV	Combination	Min	-80.01	-11.88
136	136	Shell-Thick	869	SLU_ENV	Combination	Min	-84.14	-12.71
136	136	Shell-Thick	868	SLV_Ex	Combination		-185.36	-16.11
136	136	Shell-Thick	883	SLV_Ex	Combination		-186.83	-16.4
136	136	Shell-Thick	884	SLV_Ex	Combination		-186.82	-16.35
136	136	Shell-Thick	869	SLV_Ex	Combination		-185.35	-16.06
137	137	Shell-Thick	869	SLU_ENV	Combination	Max	-39.67	-4.85
137	137	Shell-Thick	884	SLU_ENV	Combination	Max	-39.17	-4.75



Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
137	137	Shell-Thick	885	SLU_ENV	Combination	Max	-39.21	-4.93
137	137	Shell-Thick	870	SLU_ENV	Combination	Max	-39.7	-5.03
137	137	Shell-Thick	869	SLU_ENV	Combination	Min	-84.65	-12.81
137	137	Shell-Thick	884	SLU_ENV	Combination	Min	-80.13	-11.91
137	137	Shell-Thick	885	SLU_ENV	Combination	Min	-80.24	-12.47
137	137	Shell-Thick	870	SLU_ENV	Combination	Min	-84.76	-13.38
137	137	Shell-Thick	869	SLV_Ex	Combination		-180.03	-14.99
137	137	Shell-Thick	884	SLV_Ex	Combination		-180.75	-15.14
137	137	Shell-Thick	885	SLV_Ex	Combination		-180.63	-14.52
137	137	Shell-Thick	870	SLV_Ex	Combination		-179.9	-14.38
138	138	Shell-Thick	870	SLU_ENV	Combination	Max	-39.69	-5.02
138	138	Shell-Thick	885	SLU_ENV	Combination	Max	-39.19	-4.92
138	138	Shell-Thick	886	SLU_ENV	Combination	Max	-39.17	-4.82
138	138	Shell-Thick	871	SLU_ENV	Combination	Max	-39.67	-4.92
138	138	Shell-Thick	870	SLU_ENV	Combination	Min	-84.73	-13.37
138	138	Shell-Thick	885	SLU_ENV	Combination	Min	-80.2	-12.46
138	138	Shell-Thick	886	SLU_ENV	Combination	Min	-80.11	-12.04
138	138	Shell-Thick	871	SLU_ENV	Combination	Min	-84.65	-12.94
138	138	Shell-Thick	870	SLV_Ex	Combination		-173.91	-13.18
138	138	Shell-Thick	885	SLV_Ex	Combination		-174.17	-13.23
138	138	Shell-Thick	886	SLV_Ex	Combination		-173.98	-12.25
138	138	Shell-Thick	871	SLV_Ex	Combination		-173.71	-12.2
139	139	Shell-Thick	871	SLU_ENV	Combination	Max	-39.4	-4.87
139	139	Shell-Thick	886	SLU_ENV	Combination	Max	-39.01	-4.79
139	139	Shell-Thick	887	SLU_ENV	Combination	Max	-39.03	-4.89
139	139	Shell-Thick	872	SLU_ENV	Combination	Max	-39.42	-4.97
139	139	Shell-Thick	871	SLU_ENV	Combination	Min	-84.07	-12.83
139	139	Shell-Thick	886	SLU_ENV	Combination	Min	-79.9	-11.99
139	139	Shell-Thick	887	SLU_ENV	Combination	Min	-79.85	-11.76
139	139	Shell-Thick	872	SLU_ENV	Combination	Min	-84.03	-12.6
139	139	Shell-Thick	871	SLV_Ex	Combination		-167.06	-10.87
139	139	Shell-Thick	886	SLV_Ex	Combination		-166.59	-10.78
139	139	Shell-Thick	887	SLV_Ex	Combination		-166.42	-9.92
139	139	Shell-Thick	872	SLV_Ex	Combination		-166.88	-10.01
140	140	Shell-Thick	872	SLU_ENV	Combination	Max	-38.98	-4.88
140	140	Shell-Thick	887	SLU_ENV	Combination	Max	-38.78	-4.84
140	140	Shell-Thick	888	SLU_ENV	Combination	Max	-38.72	-4.53
140	140	Shell-Thick	873	SLU_ENV	Combination	Max	-38.92	-4.57
140	140	Shell-Thick	872	SLU_ENV	Combination	Min	-83.17	-12.43
140	140	Shell-Thick	887	SLU_ENV	Combination	Min	-79.52	-11.69
140	140	Shell-Thick	888	SLU_ENV	Combination	Min	-79.2	-10.1
140	140	Shell-Thick	873	SLU_ENV	Combination	Min	-82.86	-10.83
140	140	Shell-Thick	872	SLV_Ex	Combination		-159.27	-8.49
140	140	Shell-Thick	887	SLV_Ex	Combination		-158.36	-8.31
140	140	Shell-Thick	888	SLV_Ex	Combination		-158.32	-8.13
140	140	Shell-Thick	873	SLV_Ex	Combination		-159.23	-8.31
141	141	Shell-Thick	873	SLU_ENV	Combination	Max	-38.42	-4.47
141	141	Shell-Thick	888	SLU_ENV	Combination	Max	-38.49	-4.48
141	141	Shell-Thick	889	SLU_ENV	Combination	Max	-38.4	-4.07
141	141	Shell-Thick	874	SLU_ENV	Combination	Max	-38.34	-4.06
141	141	Shell-Thick	873	SLU_ENV	Combination	Min	-81.98	-10.66
141	141	Shell-Thick	888	SLU_ENV	Combination	Min	-79.1	-10.08
141	141	Shell-Thick	889	SLU_ENV	Combination	Min	-78.68	-7.98
141	141	Shell-Thick	874	SLU_ENV	Combination	Min	-81.56	-8.55

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
141	141	Shell-Thick	873	SLV_Ex	Combination		-151.12	-6.69
141	141	Shell-Thick	888	SLV_Ex	Combination		-149.15	-6.3
141	141	Shell-Thick	889	SLV_Ex	Combination		-149.05	-5.79
141	141	Shell-Thick	874	SLV_Ex	Combination		-151.02	-6.19
142	142	Shell-Thick	874	SLU_ENV	Combination	Max	-38.03	-4.
142	142	Shell-Thick	889	SLU_ENV	Combination	Max	-38.26	-4.04
142	142	Shell-Thick	890	SLU_ENV	Combination	Max	-38.05	-2.52
142	142	Shell-Thick	875	SLU_ENV	Combination	Max	-37.83	-2.97
142	142	Shell-Thick	874	SLU_ENV	Combination	Min	-81.38	-8.52
142	142	Shell-Thick	889	SLU_ENV	Combination	Min	-78.86	-8.01
142	142	Shell-Thick	890	SLU_ENV	Combination	Min	-78.06	-4.53
142	142	Shell-Thick	875	SLU_ENV	Combination	Min	-80.59	-4.54
142	142	Shell-Thick	874	SLV_Ex	Combination		-141.92	-4.36
142	142	Shell-Thick	889	SLV_Ex	Combination		-139.93	-3.97
142	142	Shell-Thick	890	SLV_Ex	Combination		-140.02	-4.4
142	142	Shell-Thick	875	SLV_Ex	Combination		-142.	-4.8
143	143	Shell-Thick	875	SLU_ENV	Combination	Max	-37.63	-2.93
143	143	Shell-Thick	890	SLU_ENV	Combination	Max	-38.15	-2.69
143	143	Shell-Thick	891	SLU_ENV	Combination	Max	-37.9	1.24
143	143	Shell-Thick	876	SLU_ENV	Combination	Max	-37.38	0.79
143	143	Shell-Thick	875	SLU_ENV	Combination	Min	-80.83	-4.59
143	143	Shell-Thick	890	SLU_ENV	Combination	Min	-78.96	-4.57
143	143	Shell-Thick	891	SLU_ENV	Combination	Min	-78.03	-2.63
143	143	Shell-Thick	876	SLU_ENV	Combination	Min	-79.91	-2.46
143	143	Shell-Thick	875	SLV_Ex	Combination		-132.89	-2.98
143	143	Shell-Thick	890	SLV_Ex	Combination		-130.03	-2.41
143	143	Shell-Thick	891	SLV_Ex	Combination		-129.94	-1.95
143	143	Shell-Thick	876	SLV_Ex	Combination		-132.8	-2.53
144	144	Shell-Thick	876	SLU_ENV	Combination	Max	-37.59	0.54
144	144	Shell-Thick	891	SLU_ENV	Combination	Max	-37.91	1.11
144	144	Shell-Thick	892	SLU_ENV	Combination	Max	-37.65	5.47
144	144	Shell-Thick	877	SLU_ENV	Combination	Max	-37.33	4.9
144	144	Shell-Thick	876	SLU_ENV	Combination	Min	-81.32	-2.53
144	144	Shell-Thick	891	SLU_ENV	Combination	Min	-78.71	-2.65
144	144	Shell-Thick	892	SLU_ENV	Combination	Min	-77.69	-0.58
144	144	Shell-Thick	877	SLU_ENV	Combination	Min	-80.3	-0.46
144	144	Shell-Thick	876	SLV_Ex	Combination		-122.23	-0.41
144	144	Shell-Thick	891	SLV_Ex	Combination		-120.79	-0.12
144	144	Shell-Thick	892	SLV_Ex	Combination		-120.95	-0.9
144	144	Shell-Thick	877	SLV_Ex	Combination		-122.39	-1.19
145	145	Shell-Thick	877	SLU_ENV	Combination	Max	-37.04	4.81
145	145	Shell-Thick	892	SLU_ENV	Combination	Max	-37.73	5.32
145	145	Shell-Thick	163	SLU_ENV	Combination	Max	-37.61	8.62
145	145	Shell-Thick	110	SLU_ENV	Combination	Max	-36.92	8.2
145	145	Shell-Thick	877	SLU_ENV	Combination	Min	-80.65	-0.38
145	145	Shell-Thick	892	SLU_ENV	Combination	Min	-78.53	-0.61
145	145	Shell-Thick	163	SLU_ENV	Combination	Min	-77.85	8.237E-02
145	145	Shell-Thick	110	SLU_ENV	Combination	Min	-79.97	0.22
145	145	Shell-Thick	877	SLV_Ex	Combination		-112.	0.89
145	145	Shell-Thick	892	SLV_Ex	Combination		-110.64	1.16
145	145	Shell-Thick	163	SLV_Ex	Combination		-110.86	6.322E-02
145	145	Shell-Thick	110	SLV_Ex	Combination		-112.22	-0.21
146	146	Shell-Thick	433	SLU_ENV	Combination	Max	-38.16	4.75
146	146	Shell-Thick	451	SLU_ENV	Combination	Max	-38.57	5.27

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
146	146	Shell-Thick	893	SLU_ENV	Combination	Max	-38.64	3.48
146	146	Shell-Thick	878	SLU_ENV	Combination	Max	-38.23	2.9
146	146	Shell-Thick	433	SLU_ENV	Combination	Min	-79.55	-3.066E-02
146	146	Shell-Thick	451	SLU_ENV	Combination	Min	-76.95	-0.11
146	146	Shell-Thick	893	SLU_ENV	Combination	Min	-77.34	-0.63
146	146	Shell-Thick	878	SLU_ENV	Combination	Min	-79.94	-0.49
146	146	Shell-Thick	433	SLV_Ex	Combination		-233.2	34.5
146	146	Shell-Thick	451	SLV_Ex	Combination		-234.18	34.3
146	146	Shell-Thick	893	SLV_Ex	Combination		-237.16	19.42
146	146	Shell-Thick	878	SLV_Ex	Combination		-236.17	19.62
147	147	Shell-Thick	878	SLU_ENV	Combination	Max	-38.06	3.08
147	147	Shell-Thick	893	SLU_ENV	Combination	Max	-38.56	3.55
147	147	Shell-Thick	894	SLU_ENV	Combination	Max	-38.76	0.78
147	147	Shell-Thick	879	SLU_ENV	Combination	Max	-38.27	0.31
147	147	Shell-Thick	878	SLU_ENV	Combination	Min	-78.96	-0.43
147	147	Shell-Thick	893	SLU_ENV	Combination	Min	-76.94	-0.6
147	147	Shell-Thick	894	SLU_ENV	Combination	Min	-77.61	-2.21
147	147	Shell-Thick	879	SLU_ENV	Combination	Min	-79.64	-2.04
147	147	Shell-Thick	878	SLV_Ex	Combination		-221.78	22.5
147	147	Shell-Thick	893	SLV_Ex	Combination		-223.65	22.12
147	147	Shell-Thick	894	SLV_Ex	Combination		-226.97	5.52
147	147	Shell-Thick	879	SLV_Ex	Combination		-225.1	5.9
148	148	Shell-Thick	879	SLU_ENV	Combination	Max	-38.16	0.46
148	148	Shell-Thick	894	SLU_ENV	Combination	Max	-38.5	0.97
148	148	Shell-Thick	895	SLU_ENV	Combination	Max	-38.7	-2.
148	148	Shell-Thick	880	SLU_ENV	Combination	Max	-38.36	-2.35
148	148	Shell-Thick	879	SLU_ENV	Combination	Min	-78.79	-2.01
148	148	Shell-Thick	894	SLU_ENV	Combination	Min	-76.54	-2.13
148	148	Shell-Thick	895	SLU_ENV	Combination	Min	-77.24	-3.69
148	148	Shell-Thick	880	SLU_ENV	Combination	Min	-79.5	-3.73
148	148	Shell-Thick	879	SLV_Ex	Combination		-212.59	8.4
148	148	Shell-Thick	894	SLV_Ex	Combination		-214.47	8.02
148	148	Shell-Thick	895	SLV_Ex	Combination		-217.06	-4.94
148	148	Shell-Thick	880	SLV_Ex	Combination		-215.18	-4.56
149	149	Shell-Thick	880	SLU_ENV	Combination	Max	-38.18	-2.31
149	149	Shell-Thick	895	SLU_ENV	Combination	Max	-38.53	-1.84
149	149	Shell-Thick	896	SLU_ENV	Combination	Max	-38.67	-3.08
149	149	Shell-Thick	881	SLU_ENV	Combination	Max	-38.32	-3.01
149	149	Shell-Thick	880	SLU_ENV	Combination	Min	-78.45	-3.52
149	149	Shell-Thick	895	SLU_ENV	Combination	Min	-76.35	-3.64
149	149	Shell-Thick	896	SLU_ENV	Combination	Min	-76.89	-5.8
149	149	Shell-Thick	881	SLU_ENV	Combination	Min	-78.99	-6.22
149	149	Shell-Thick	880	SLV_Ex	Combination		-204.06	-2.34
149	149	Shell-Thick	895	SLV_Ex	Combination		-206.96	-2.92
149	149	Shell-Thick	896	SLV_Ex	Combination		-208.69	-11.56
149	149	Shell-Thick	881	SLV_Ex	Combination		-205.79	-10.98
150	150	Shell-Thick	881	SLU_ENV	Combination	Max	-38.39	-3.02
150	150	Shell-Thick	896	SLU_ENV	Combination	Max	-38.73	-3.09
150	150	Shell-Thick	897	SLU_ENV	Combination	Max	-38.82	-3.55
150	150	Shell-Thick	882	SLU_ENV	Combination	Max	-38.48	-3.49
150	150	Shell-Thick	881	SLU_ENV	Combination	Min	-78.67	-6.15
150	150	Shell-Thick	896	SLU_ENV	Combination	Min	-76.41	-5.7
150	150	Shell-Thick	897	SLU_ENV	Combination	Min	-76.83	-7.81
150	150	Shell-Thick	882	SLU_ENV	Combination	Min	-79.09	-8.26

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
150	150	Shell-Thick	881	SLV_Ex	Combination		-197.46	-9.31
150	150	Shell-Thick	896	SLV_Ex	Combination		-201.63	-10.15
150	150	Shell-Thick	897	SLV_Ex	Combination		-202.5	-14.51
150	150	Shell-Thick	882	SLV_Ex	Combination		-198.33	-13.68
151	151	Shell-Thick	882	SLU_ENV	Combination	Max	-38.64	-3.52
151	151	Shell-Thick	897	SLU_ENV	Combination	Max	-38.9	-3.57
151	151	Shell-Thick	898	SLU_ENV	Combination	Max	-38.92	-3.67
151	151	Shell-Thick	883	SLU_ENV	Combination	Max	-38.66	-3.62
151	151	Shell-Thick	882	SLU_ENV	Combination	Min	-79.06	-8.26
151	151	Shell-Thick	897	SLU_ENV	Combination	Min	-76.58	-7.76
151	151	Shell-Thick	898	SLU_ENV	Combination	Min	-76.77	-8.68
151	151	Shell-Thick	883	SLU_ENV	Combination	Min	-79.25	-9.18
151	151	Shell-Thick	882	SLV_Ex	Combination		-191.63	-12.34
151	151	Shell-Thick	897	SLV_Ex	Combination		-196.23	-13.26
151	151	Shell-Thick	898	SLV_Ex	Combination		-196.54	-14.82
151	151	Shell-Thick	883	SLV_Ex	Combination		-191.94	-13.9
152	152	Shell-Thick	883	SLU_ENV	Combination	Max	-38.86	-3.66
152	152	Shell-Thick	898	SLU_ENV	Combination	Max	-38.95	-3.67
152	152	Shell-Thick	899	SLU_ENV	Combination	Max	-38.99	-3.89
152	152	Shell-Thick	884	SLU_ENV	Combination	Max	-38.9	-3.87
152	152	Shell-Thick	883	SLU_ENV	Combination	Min	-79.48	-9.23
152	152	Shell-Thick	898	SLU_ENV	Combination	Min	-76.55	-8.64
152	152	Shell-Thick	899	SLU_ENV	Combination	Min	-76.73	-9.58
152	152	Shell-Thick	884	SLU_ENV	Combination	Min	-79.67	-10.17
152	152	Shell-Thick	883	SLV_Ex	Combination		-186.09	-12.73
152	152	Shell-Thick	898	SLV_Ex	Combination		-190.01	-13.52
152	152	Shell-Thick	899	SLV_Ex	Combination		-190.15	-14.19
152	152	Shell-Thick	884	SLV_Ex	Combination		-186.23	-13.4
153	153	Shell-Thick	884	SLU_ENV	Combination	Max	-39.	-3.89
153	153	Shell-Thick	899	SLU_ENV	Combination	Max	-39.	-3.89
153	153	Shell-Thick	900	SLU_ENV	Combination	Max	-38.98	-3.82
153	153	Shell-Thick	885	SLU_ENV	Combination	Max	-38.99	-3.82
153	153	Shell-Thick	884	SLU_ENV	Combination	Min	-79.79	-10.19
153	153	Shell-Thick	899	SLU_ENV	Combination	Min	-76.63	-9.56
153	153	Shell-Thick	900	SLU_ENV	Combination	Min	-76.62	-9.5
153	153	Shell-Thick	885	SLU_ENV	Combination	Min	-79.78	-10.14
153	153	Shell-Thick	884	SLV_Ex	Combination		-180.16	-12.19
153	153	Shell-Thick	899	SLV_Ex	Combination		-183.39	-12.84
153	153	Shell-Thick	900	SLV_Ex	Combination		-183.34	-12.63
153	153	Shell-Thick	885	SLV_Ex	Combination		-180.12	-11.99
154	154	Shell-Thick	885	SLU_ENV	Combination	Max	-38.96	-3.82
154	154	Shell-Thick	900	SLU_ENV	Combination	Max	-38.95	-3.81
154	154	Shell-Thick	901	SLU_ENV	Combination	Max	-38.98	-3.95
154	154	Shell-Thick	886	SLU_ENV	Combination	Max	-38.99	-3.95
154	154	Shell-Thick	885	SLU_ENV	Combination	Min	-79.73	-10.13
154	154	Shell-Thick	900	SLU_ENV	Combination	Min	-76.56	-9.49
154	154	Shell-Thick	901	SLU_ENV	Combination	Min	-76.59	-9.66
154	154	Shell-Thick	886	SLU_ENV	Combination	Min	-79.77	-10.3
154	154	Shell-Thick	885	SLV_Ex	Combination		-173.66	-10.7
154	154	Shell-Thick	900	SLV_Ex	Combination		-175.94	-11.15
154	154	Shell-Thick	901	SLV_Ex	Combination		-175.93	-11.11
154	154	Shell-Thick	886	SLV_Ex	Combination		-173.66	-10.65
155	155	Shell-Thick	886	SLU_ENV	Combination	Max	-38.84	-3.92
155	155	Shell-Thick	901	SLU_ENV	Combination	Max	-38.91	-3.94

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
155	155	Shell-Thick	902	SLU_ENV	Combination	Max	-38.88	-3.79
155	155	Shell-Thick	887	SLU_ENV	Combination	Max	-38.81	-3.78
155	155	Shell-Thick	886	SLU_ENV	Combination	Min	-79.55	-10.25
155	155	Shell-Thick	901	SLU_ENV	Combination	Min	-76.58	-9.66
155	155	Shell-Thick	902	SLU_ENV	Combination	Min	-76.42	-8.84
155	155	Shell-Thick	887	SLU_ENV	Combination	Min	-79.39	-9.44
155	155	Shell-Thick	886	SLV_Ex	Combination		-166.27	-9.18
155	155	Shell-Thick	901	SLV_Ex	Combination		-167.98	-9.52
155	155	Shell-Thick	902	SLV_Ex	Combination		-168.04	-9.79
155	155	Shell-Thick	887	SLV_Ex	Combination		-166.33	-9.45
156	156	Shell-Thick	887	SLU_ENV	Combination	Max	-38.56	-3.73
156	156	Shell-Thick	902	SLU_ENV	Combination	Max	-38.78	-3.77
156	156	Shell-Thick	903	SLU_ENV	Combination	Max	-38.78	-3.75
156	156	Shell-Thick	888	SLU_ENV	Combination	Max	-38.56	-3.71
156	156	Shell-Thick	887	SLU_ENV	Combination	Min	-79.06	-9.37
156	156	Shell-Thick	902	SLU_ENV	Combination	Min	-76.52	-8.86
156	156	Shell-Thick	903	SLU_ENV	Combination	Min	-76.36	-8.08
156	156	Shell-Thick	888	SLU_ENV	Combination	Min	-78.9	-8.59
156	156	Shell-Thick	887	SLV_Ex	Combination		-158.27	-7.84
156	156	Shell-Thick	902	SLV_Ex	Combination		-159.	-7.98
156	156	Shell-Thick	903	SLV_Ex	Combination		-159.11	-8.56
156	156	Shell-Thick	888	SLV_Ex	Combination		-158.38	-8.41
157	157	Shell-Thick	888	SLU_ENV	Combination	Max	-38.32	-3.66
157	157	Shell-Thick	903	SLU_ENV	Combination	Max	-38.63	-3.72
157	157	Shell-Thick	904	SLU_ENV	Combination	Max	-38.56	-3.35
157	157	Shell-Thick	889	SLU_ENV	Combination	Max	-38.25	-3.29
157	157	Shell-Thick	888	SLU_ENV	Combination	Min	-78.8	-8.57
157	157	Shell-Thick	903	SLU_ENV	Combination	Min	-76.49	-8.11
157	157	Shell-Thick	904	SLU_ENV	Combination	Min	-76.1	-6.16
157	157	Shell-Thick	889	SLU_ENV	Combination	Min	-78.41	-6.62
157	157	Shell-Thick	888	SLV_Ex	Combination		-149.21	-6.58
157	157	Shell-Thick	903	SLV_Ex	Combination		-149.37	-6.61
157	157	Shell-Thick	904	SLV_Ex	Combination		-149.61	-7.85
157	157	Shell-Thick	889	SLV_Ex	Combination		-149.45	-7.81
158	158	Shell-Thick	889	SLU_ENV	Combination	Max	-38.1	-3.26
158	158	Shell-Thick	904	SLU_ENV	Combination	Max	-38.43	-3.33
158	158	Shell-Thick	905	SLU_ENV	Combination	Max	-38.31	-2.32
158	158	Shell-Thick	890	SLU_ENV	Combination	Max	-37.98	-2.67
158	158	Shell-Thick	889	SLU_ENV	Combination	Min	-78.59	-6.66
158	158	Shell-Thick	904	SLU_ENV	Combination	Min	-76.46	-6.23
158	158	Shell-Thick	905	SLU_ENV	Combination	Min	-75.96	-4.13
158	158	Shell-Thick	890	SLU_ENV	Combination	Min	-78.09	-4.15
158	158	Shell-Thick	889	SLV_Ex	Combination		-140.34	-5.99
158	158	Shell-Thick	904	SLV_Ex	Combination		-138.65	-5.65
158	158	Shell-Thick	905	SLV_Ex	Combination		-138.63	-5.56
158	158	Shell-Thick	890	SLV_Ex	Combination		-140.32	-5.9
159	159	Shell-Thick	890	SLU_ENV	Combination	Max	-38.08	-2.69
159	159	Shell-Thick	905	SLU_ENV	Combination	Max	-38.4	-2.46
159	159	Shell-Thick	906	SLU_ENV	Combination	Max	-38.22	0.35
159	159	Shell-Thick	891	SLU_ENV	Combination	Max	-37.9	-0.16
159	159	Shell-Thick	890	SLU_ENV	Combination	Min	-78.98	-4.33
159	159	Shell-Thick	905	SLU_ENV	Combination	Min	-76.7	-4.16
159	159	Shell-Thick	906	SLU_ENV	Combination	Min	-76.03	-2.75
159	159	Shell-Thick	891	SLU_ENV	Combination	Min	-78.31	-2.64

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
159	159	Shell-Thick	890	SLV_Ex	Combination		-130.33	-3.9
159	159	Shell-Thick	905	SLV_Ex	Combination		-129.1	-3.65
159	159	Shell-Thick	906	SLV_Ex	Combination		-129.03	-3.31
159	159	Shell-Thick	891	SLV_Ex	Combination		-130.26	-3.55
160	160	Shell-Thick	891	SLU_ENV	Combination	Max	-37.91	-0.28
160	160	Shell-Thick	906	SLU_ENV	Combination	Max	-38.41	0.19
160	160	Shell-Thick	907	SLU_ENV	Combination	Max	-38.22	2.81
160	160	Shell-Thick	892	SLU_ENV	Combination	Max	-37.73	2.34
160	160	Shell-Thick	891	SLU_ENV	Combination	Min	-78.99	-2.65
160	160	Shell-Thick	906	SLU_ENV	Combination	Min	-76.96	-2.81
160	160	Shell-Thick	907	SLU_ENV	Combination	Min	-76.33	-1.36
160	160	Shell-Thick	892	SLU_ENV	Combination	Min	-78.36	-1.19
160	160	Shell-Thick	891	SLV_Ex	Combination		-121.11	-1.72
160	160	Shell-Thick	906	SLV_Ex	Combination		-119.1	-1.32
160	160	Shell-Thick	907	SLV_Ex	Combination		-118.66	0.89
160	160	Shell-Thick	892	SLV_Ex	Combination		-120.67	0.48
161	161	Shell-Thick	892	SLU_ENV	Combination	Max	-37.81	2.19
161	161	Shell-Thick	907	SLU_ENV	Combination	Max	-38.23	2.77
161	161	Shell-Thick	190	SLU_ENV	Combination	Max	-38.18	4.41
161	161	Shell-Thick	163	SLU_ENV	Combination	Max	-37.76	3.83
161	161	Shell-Thick	892	SLU_ENV	Combination	Min	-79.2	-1.22
161	161	Shell-Thick	907	SLU_ENV	Combination	Min	-76.61	-1.36
161	161	Shell-Thick	190	SLU_ENV	Combination	Min	-76.24	-0.88
161	161	Shell-Thick	163	SLU_ENV	Combination	Min	-78.83	-0.73
161	161	Shell-Thick	892	SLV_Ex	Combination		-110.36	2.55
161	161	Shell-Thick	907	SLV_Ex	Combination		-110.03	2.61
161	161	Shell-Thick	190	SLV_Ex	Combination		-109.9	3.26
161	161	Shell-Thick	163	SLV_Ex	Combination		-110.23	3.19
162	162	Shell-Thick	451	SLU_ENV	Combination	Max	-38.59	1.7
162	162	Shell-Thick	469	SLU_ENV	Combination	Max	-39.03	2.15
162	162	Shell-Thick	908	SLU_ENV	Combination	Max	-39.15	1.26
162	162	Shell-Thick	893	SLU_ENV	Combination	Max	-38.71	0.76
162	162	Shell-Thick	451	SLU_ENV	Combination	Min	-77.66	-0.25
162	162	Shell-Thick	469	SLU_ENV	Combination	Min	-75.44	-0.34
162	162	Shell-Thick	908	SLU_ENV	Combination	Min	-75.7	-1.33
162	162	Shell-Thick	893	SLU_ENV	Combination	Min	-77.91	-1.19
162	162	Shell-Thick	451	SLV_Ex	Combination		-233.72	36.6
162	162	Shell-Thick	469	SLV_Ex	Combination		-234.53	36.43
162	162	Shell-Thick	908	SLV_Ex	Combination		-238.37	17.21
162	162	Shell-Thick	893	SLV_Ex	Combination		-237.57	17.37
163	163	Shell-Thick	893	SLU_ENV	Combination	Max	-38.64	0.83
163	163	Shell-Thick	908	SLU_ENV	Combination	Max	-39.09	1.31
163	163	Shell-Thick	909	SLU_ENV	Combination	Max	-39.25	-0.39
163	163	Shell-Thick	894	SLU_ENV	Combination	Max	-38.8	-0.86
163	163	Shell-Thick	893	SLU_ENV	Combination	Min	-77.51	-1.16
163	163	Shell-Thick	908	SLU_ENV	Combination	Min	-75.44	-1.31
163	163	Shell-Thick	909	SLU_ENV	Combination	Min	-75.88	-2.63
163	163	Shell-Thick	894	SLU_ENV	Combination	Min	-77.96	-2.47
163	163	Shell-Thick	893	SLV_Ex	Combination		-224.06	20.07
163	163	Shell-Thick	908	SLV_Ex	Combination		-225.64	19.75
163	163	Shell-Thick	909	SLV_Ex	Combination		-229.11	2.39
163	163	Shell-Thick	894	SLV_Ex	Combination		-227.53	2.71
164	164	Shell-Thick	894	SLU_ENV	Combination	Max	-38.54	-0.68
164	164	Shell-Thick	909	SLU_ENV	Combination	Max	-38.62	-0.15

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
164	164	Shell-Thick	910	SLU_ENV	Combination	Max	-38.79	-2.09
164	164	Shell-Thick	895	SLU_ENV	Combination	Max	-38.7	-2.41
164	164	Shell-Thick	894	SLU_ENV	Combination	Min	-76.88	-2.39
164	164	Shell-Thick	909	SLU_ENV	Combination	Min	-74.36	-2.43
164	164	Shell-Thick	910	SLU_ENV	Combination	Min	-74.85	-3.74
164	164	Shell-Thick	895	SLU_ENV	Combination	Min	-77.37	-3.91
164	164	Shell-Thick	894	SLV_Ex	Combination		-215.03	5.21
164	164	Shell-Thick	909	SLV_Ex	Combination		-215.33	5.15
164	164	Shell-Thick	910	SLV_Ex	Combination		-217.96	-8.01
164	164	Shell-Thick	895	SLV_Ex	Combination		-217.67	-7.95
165	165	Shell-Thick	895	SLU_ENV	Combination	Max	-38.53	-2.37
165	165	Shell-Thick	910	SLU_ENV	Combination	Max	-39.16	-2.04
165	165	Shell-Thick	911	SLU_ENV	Combination	Max	-39.18	-2.61
165	165	Shell-Thick	896	SLU_ENV	Combination	Max	-38.55	-2.48
165	165	Shell-Thick	895	SLU_ENV	Combination	Min	-76.48	-3.73
165	165	Shell-Thick	910	SLU_ENV	Combination	Min	-74.83	-3.86
165	165	Shell-Thick	911	SLU_ENV	Combination	Min	-75.09	-4.72
165	165	Shell-Thick	896	SLU_ENV	Combination	Min	-76.74	-5.05
165	165	Shell-Thick	895	SLV_Ex	Combination		-207.57	-5.93
165	165	Shell-Thick	910	SLV_Ex	Combination		-213.35	-7.09
165	165	Shell-Thick	911	SLV_Ex	Combination		-214.21	-11.42
165	165	Shell-Thick	896	SLV_Ex	Combination		-208.43	-10.26
166	166	Shell-Thick	896	SLU_ENV	Combination	Max	-38.61	-2.49
166	166	Shell-Thick	911	SLU_ENV	Combination	Max	-39.26	-2.62
166	166	Shell-Thick	912	SLU_ENV	Combination	Max	-39.26	-2.61
166	166	Shell-Thick	897	SLU_ENV	Combination	Max	-38.61	-2.48
166	166	Shell-Thick	896	SLU_ENV	Combination	Min	-76.26	-4.95
166	166	Shell-Thick	911	SLU_ENV	Combination	Min	-74.65	-4.63
166	166	Shell-Thick	912	SLU_ENV	Combination	Min	-74.82	-5.45
166	166	Shell-Thick	897	SLU_ENV	Combination	Min	-76.42	-5.77
166	166	Shell-Thick	896	SLV_Ex	Combination		-201.37	-8.85
166	166	Shell-Thick	911	SLV_Ex	Combination		-209.02	-10.38
166	166	Shell-Thick	912	SLV_Ex	Combination		-209.39	-12.21
166	166	Shell-Thick	897	SLV_Ex	Combination		-201.73	-10.68
167	167	Shell-Thick	897	SLU_ENV	Combination	Max	-38.69	-2.5
167	167	Shell-Thick	912	SLU_ENV	Combination	Max	-39.14	-2.59
167	167	Shell-Thick	913	SLU_ENV	Combination	Max	-39.17	-2.76
167	167	Shell-Thick	898	SLU_ENV	Combination	Max	-38.72	-2.67
167	167	Shell-Thick	897	SLU_ENV	Combination	Min	-76.17	-5.72
167	167	Shell-Thick	912	SLU_ENV	Combination	Min	-74.1	-5.31
167	167	Shell-Thick	913	SLU_ENV	Combination	Min	-74.3	-6.34
167	167	Shell-Thick	898	SLU_ENV	Combination	Min	-76.38	-6.75
167	167	Shell-Thick	897	SLV_Ex	Combination		-195.46	-9.42
167	167	Shell-Thick	912	SLV_Ex	Combination		-202.55	-10.84
167	167	Shell-Thick	913	SLV_Ex	Combination		-202.81	-12.15
167	167	Shell-Thick	898	SLV_Ex	Combination		-195.73	-10.74
168	168	Shell-Thick	898	SLU_ENV	Combination	Max	-38.75	-2.68
168	168	Shell-Thick	913	SLU_ENV	Combination	Max	-39.01	-2.73
168	168	Shell-Thick	914	SLU_ENV	Combination	Max	-39.	-2.68
168	168	Shell-Thick	899	SLU_ENV	Combination	Max	-38.74	-2.63
168	168	Shell-Thick	898	SLU_ENV	Combination	Min	-76.16	-6.71
168	168	Shell-Thick	913	SLU_ENV	Combination	Min	-73.71	-6.22
168	168	Shell-Thick	914	SLU_ENV	Combination	Min	-73.75	-6.44
168	168	Shell-Thick	899	SLU_ENV	Combination	Min	-76.2	-6.93

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
168	168	Shell-Thick	898	SLV_Ex	Combination		-189.19	-9.43
168	168	Shell-Thick	913	SLV_Ex	Combination		-195.22	-10.63
168	168	Shell-Thick	914	SLV_Ex	Combination		-195.31	-11.06
168	168	Shell-Thick	899	SLV_Ex	Combination		-189.28	-9.86
169	169	Shell-Thick	899	SLU_ENV	Combination	Max	-38.74	-2.63
169	169	Shell-Thick	914	SLU_ENV	Combination	Max	-38.88	-2.66
169	169	Shell-Thick	915	SLU_ENV	Combination	Max	-38.91	-2.81
169	169	Shell-Thick	900	SLU_ENV	Combination	Max	-38.77	-2.78
169	169	Shell-Thick	899	SLU_ENV	Combination	Min	-76.1	-6.91
169	169	Shell-Thick	914	SLU_ENV	Combination	Min	-73.37	-6.36
169	169	Shell-Thick	915	SLU_ENV	Combination	Min	-73.47	-6.83
169	169	Shell-Thick	900	SLU_ENV	Combination	Min	-76.19	-7.38
169	169	Shell-Thick	899	SLV_Ex	Combination		-182.52	-8.51
169	169	Shell-Thick	914	SLV_Ex	Combination		-187.22	-9.45
169	169	Shell-Thick	915	SLV_Ex	Combination		-187.35	-10.1
169	169	Shell-Thick	900	SLV_Ex	Combination		-182.65	-9.16
170	170	Shell-Thick	900	SLU_ENV	Combination	Max	-38.74	-2.78
170	170	Shell-Thick	915	SLU_ENV	Combination	Max	-38.87	-2.8
170	170	Shell-Thick	916	SLU_ENV	Combination	Max	-38.85	-2.7
170	170	Shell-Thick	901	SLU_ENV	Combination	Max	-38.72	-2.67
170	170	Shell-Thick	900	SLU_ENV	Combination	Min	-76.14	-7.37
170	170	Shell-Thick	915	SLU_ENV	Combination	Min	-73.39	-6.82
170	170	Shell-Thick	916	SLU_ENV	Combination	Min	-73.32	-6.44
170	170	Shell-Thick	901	SLU_ENV	Combination	Min	-76.06	-6.99
170	170	Shell-Thick	900	SLV_Ex	Combination		-175.24	-7.68
170	170	Shell-Thick	915	SLV_Ex	Combination		-179.13	-8.46
170	170	Shell-Thick	916	SLV_Ex	Combination		-179.24	-9.03
170	170	Shell-Thick	901	SLV_Ex	Combination		-175.36	-8.25
171	171	Shell-Thick	901	SLU_ENV	Combination	Max	-38.65	-2.66
171	171	Shell-Thick	916	SLU_ENV	Combination	Max	-38.89	-2.71
171	171	Shell-Thick	917	SLU_ENV	Combination	Max	-38.91	-2.81
171	171	Shell-Thick	902	SLU_ENV	Combination	Max	-38.67	-2.77
171	171	Shell-Thick	901	SLU_ENV	Combination	Min	-76.05	-6.99
171	171	Shell-Thick	916	SLU_ENV	Combination	Min	-73.55	-6.49
171	171	Shell-Thick	917	SLU_ENV	Combination	Min	-73.53	-6.36
171	171	Shell-Thick	902	SLU_ENV	Combination	Min	-76.02	-6.86
171	171	Shell-Thick	901	SLV_Ex	Combination		-167.41	-6.67
171	171	Shell-Thick	916	SLV_Ex	Combination		-170.53	-7.29
171	171	Shell-Thick	917	SLV_Ex	Combination		-170.76	-8.4
171	171	Shell-Thick	902	SLV_Ex	Combination		-167.64	-7.78
172	172	Shell-Thick	902	SLU_ENV	Combination	Max	-38.58	-2.75
172	172	Shell-Thick	917	SLU_ENV	Combination	Max	-38.99	-2.83
172	172	Shell-Thick	918	SLU_ENV	Combination	Max	-38.97	-2.71
172	172	Shell-Thick	903	SLU_ENV	Combination	Max	-38.56	-2.63
172	172	Shell-Thick	902	SLU_ENV	Combination	Min	-76.12	-6.88
172	172	Shell-Thick	917	SLU_ENV	Combination	Min	-73.98	-6.45
172	172	Shell-Thick	918	SLU_ENV	Combination	Min	-73.8	-5.53
172	172	Shell-Thick	903	SLU_ENV	Combination	Min	-75.94	-5.96
172	172	Shell-Thick	902	SLV_Ex	Combination		-158.59	-5.97
172	172	Shell-Thick	917	SLV_Ex	Combination		-161.63	-6.58
172	172	Shell-Thick	918	SLV_Ex	Combination		-161.98	-8.34
172	172	Shell-Thick	903	SLV_Ex	Combination		-158.95	-7.73
173	173	Shell-Thick	903	SLU_ENV	Combination	Max	-38.41	-2.6
173	173	Shell-Thick	918	SLU_ENV	Combination	Max	-39.02	-2.72



Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
173	173	Shell-Thick	919	SLU_ENV	Combination	Max	-39.04	-2.8
173	173	Shell-Thick	904	SLU_ENV	Combination	Max	-38.42	-2.67
173	173	Shell-Thick	903	SLU_ENV	Combination	Min	-76.07	-5.98
173	173	Shell-Thick	918	SLU_ENV	Combination	Min	-74.39	-5.64
173	173	Shell-Thick	919	SLU_ENV	Combination	Min	-74.24	-4.94
173	173	Shell-Thick	904	SLU_ENV	Combination	Min	-75.92	-5.28
173	173	Shell-Thick	903	SLV_Ex	Combination		-149.2	-5.78
173	173	Shell-Thick	918	SLV_Ex	Combination		-151.52	-6.25
173	173	Shell-Thick	919	SLV_Ex	Combination		-151.97	-8.49
173	173	Shell-Thick	904	SLV_Ex	Combination		-149.65	-8.03
174	174	Shell-Thick	904	SLU_ENV	Combination	Max	-38.29	-2.65
174	174	Shell-Thick	919	SLU_ENV	Combination	Max	-38.89	-2.77
174	174	Shell-Thick	920	SLU_ENV	Combination	Max	-38.88	-2.36
174	174	Shell-Thick	905	SLU_ENV	Combination	Max	-38.28	-2.61
174	174	Shell-Thick	904	SLU_ENV	Combination	Min	-76.28	-5.35
174	174	Shell-Thick	919	SLU_ENV	Combination	Min	-74.57	-5.01
174	174	Shell-Thick	920	SLU_ENV	Combination	Min	-74.33	-4.19
174	174	Shell-Thick	905	SLU_ENV	Combination	Min	-76.04	-4.16
174	174	Shell-Thick	904	SLV_Ex	Combination		-138.69	-5.83
174	174	Shell-Thick	919	SLV_Ex	Combination		-140.28	-6.15
174	174	Shell-Thick	920	SLV_Ex	Combination		-140.77	-8.63
174	174	Shell-Thick	905	SLV_Ex	Combination		-139.18	-8.31
175	175	Shell-Thick	905	SLU_ENV	Combination	Max	-38.38	-2.63
175	175	Shell-Thick	920	SLU_ENV	Combination	Max	-38.45	-2.4
175	175	Shell-Thick	921	SLU_ENV	Combination	Max	-38.31	-0.59
175	175	Shell-Thick	906	SLU_ENV	Combination	Max	-38.23	-1.12
175	175	Shell-Thick	905	SLU_ENV	Combination	Min	-76.79	-4.31
175	175	Shell-Thick	920	SLU_ENV	Combination	Min	-74.25	-4.05
175	175	Shell-Thick	921	SLU_ENV	Combination	Min	-73.8	-2.88
175	175	Shell-Thick	906	SLU_ENV	Combination	Min	-76.33	-2.85
175	175	Shell-Thick	905	SLV_Ex	Combination		-129.65	-6.41
175	175	Shell-Thick	920	SLV_Ex	Combination		-127.44	-5.96
175	175	Shell-Thick	921	SLV_Ex	Combination		-127.02	-3.84
175	175	Shell-Thick	906	SLV_Ex	Combination		-129.22	-4.29
176	176	Shell-Thick	906	SLU_ENV	Combination	Max	-38.42	-1.28
176	176	Shell-Thick	921	SLU_ENV	Combination	Max	-38.86	-0.81
176	176	Shell-Thick	922	SLU_ENV	Combination	Max	-38.72	0.76
176	176	Shell-Thick	907	SLU_ENV	Combination	Max	-38.27	0.28
176	176	Shell-Thick	906	SLU_ENV	Combination	Min	-77.27	-2.9
176	176	Shell-Thick	921	SLU_ENV	Combination	Min	-75.19	-3.05
176	176	Shell-Thick	922	SLU_ENV	Combination	Min	-74.78	-1.87
176	176	Shell-Thick	907	SLU_ENV	Combination	Min	-76.86	-1.72
176	176	Shell-Thick	906	SLV_Ex	Combination		-119.3	-2.3
176	176	Shell-Thick	921	SLV_Ex	Combination		-119.15	-2.27
176	176	Shell-Thick	922	SLV_Ex	Combination		-118.33	1.79
176	176	Shell-Thick	907	SLV_Ex	Combination		-118.49	1.76
177	177	Shell-Thick	907	SLU_ENV	Combination	Max	-38.28	0.24
177	177	Shell-Thick	922	SLU_ENV	Combination	Max	-38.72	0.73
177	177	Shell-Thick	217	SLU_ENV	Combination	Max	-38.62	1.52
177	177	Shell-Thick	190	SLU_ENV	Combination	Max	-38.17	1.02
177	177	Shell-Thick	907	SLU_ENV	Combination	Min	-77.14	-1.73
177	177	Shell-Thick	922	SLU_ENV	Combination	Min	-74.94	-1.88
177	177	Shell-Thick	217	SLU_ENV	Combination	Min	-74.71	-0.94
177	177	Shell-Thick	190	SLU_ENV	Combination	Min	-76.9	-0.79

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
177	177	Shell-Thick	907	SLV_Ex	Combination		-109.85	3.49
177	177	Shell-Thick	922	SLV_Ex	Combination		-109.35	3.59
177	177	Shell-Thick	217	SLV_Ex	Combination		-108.17	9.49
177	177	Shell-Thick	190	SLV_Ex	Combination		-108.67	9.39
178	178	Shell-Thick	469	SLU_ENV	Combination	Max	-38.9	0.8
178	178	Shell-Thick	487	SLU_ENV	Combination	Max	-40.44	0.52
178	178	Shell-Thick	923	SLU_ENV	Combination	Max	-40.66	-0.23
178	178	Shell-Thick	908	SLU_ENV	Combination	Max	-39.11	-0.43
178	178	Shell-Thick	469	SLU_ENV	Combination	Min	-75.77	1.466E-02
178	178	Shell-Thick	487	SLU_ENV	Combination	Min	-75.72	-1.117E-04
178	178	Shell-Thick	923	SLU_ENV	Combination	Min	-75.96	-1.54
178	178	Shell-Thick	908	SLU_ENV	Combination	Min	-76.01	-1.05
178	178	Shell-Thick	469	SLV_Ex	Combination		-233.04	43.88
178	178	Shell-Thick	487	SLV_Ex	Combination		-240.61	42.37
178	178	Shell-Thick	923	SLV_Ex	Combination		-246.08	15.01
178	178	Shell-Thick	908	SLV_Ex	Combination		-238.51	16.53
179	179	Shell-Thick	908	SLU_ENV	Combination	Max	-39.05	-0.38
179	179	Shell-Thick	923	SLU_ENV	Combination	Max	-37.91	0.4
179	179	Shell-Thick	924	SLU_ENV	Combination	Max	-38.36	-2.19
179	179	Shell-Thick	909	SLU_ENV	Combination	Max	-39.5	-2.97
179	179	Shell-Thick	908	SLU_ENV	Combination	Min	-75.76	-1.03
179	179	Shell-Thick	923	SLU_ENV	Combination	Min	-71.2	-0.68
179	179	Shell-Thick	924	SLU_ENV	Combination	Min	-71.99	-4.25
179	179	Shell-Thick	909	SLU_ENV	Combination	Min	-76.55	-4.6
179	179	Shell-Thick	908	SLV_Ex	Combination		-225.77	19.08
179	179	Shell-Thick	923	SLV_Ex	Combination		-216.58	20.91
179	179	Shell-Thick	924	SLV_Ex	Combination		-222.43	-8.32
179	179	Shell-Thick	909	SLV_Ex	Combination		-231.62	-10.16
180	180	Shell-Thick	909	SLU_ENV	Combination	Max	-38.87	-2.74
180	180	Shell-Thick	924	SLU_ENV	Combination	Max	-40.29	-2.51
180	180	Shell-Thick	925	SLU_ENV	Combination	Max	-40.12	-2.14
180	180	Shell-Thick	910	SLU_ENV	Combination	Max	-38.7	-2.01
180	180	Shell-Thick	909	SLU_ENV	Combination	Min	-75.03	-4.4
180	180	Shell-Thick	924	SLU_ENV	Combination	Min	-74.78	-4.87
180	180	Shell-Thick	925	SLU_ENV	Combination	Min	-74.61	-3.57
180	180	Shell-Thick	910	SLU_ENV	Combination	Min	-74.86	-3.47
180	180	Shell-Thick	909	SLV_Ex	Combination		-217.84	-7.4
180	180	Shell-Thick	924	SLV_Ex	Combination		-228.45	-9.53
180	180	Shell-Thick	925	SLV_Ex	Combination		-228.75	-11.06
180	180	Shell-Thick	910	SLV_Ex	Combination		-218.14	-8.94
181	181	Shell-Thick	910	SLU_ENV	Combination	Max	-39.07	-2.09
181	181	Shell-Thick	925	SLU_ENV	Combination	Max	-40.47	-2.06
181	181	Shell-Thick	926	SLU_ENV	Combination	Max	-40.38	-1.91
181	181	Shell-Thick	911	SLU_ENV	Combination	Max	-38.98	-1.63
181	181	Shell-Thick	910	SLU_ENV	Combination	Min	-74.84	-3.46
181	181	Shell-Thick	925	SLU_ENV	Combination	Min	-74.52	-3.7
181	181	Shell-Thick	926	SLU_ENV	Combination	Min	-74.49	-3.25
181	181	Shell-Thick	911	SLU_ENV	Combination	Min	-74.81	-3.32
181	181	Shell-Thick	910	SLV_Ex	Combination		-213.53	-8.02
181	181	Shell-Thick	925	SLV_Ex	Combination		-227.87	-10.88
181	181	Shell-Thick	926	SLV_Ex	Combination		-227.8	-10.53
181	181	Shell-Thick	911	SLV_Ex	Combination		-213.46	-7.67
182	182	Shell-Thick	911	SLU_ENV	Combination	Max	-39.07	-1.65
182	182	Shell-Thick	926	SLU_ENV	Combination	Max	-39.94	-1.82

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
182	182	Shell-Thick	927	SLU_ENV	Combination	Max	-39.94	-1.83
182	182	Shell-Thick	912	SLU_ENV	Combination	Max	-39.07	-1.65
182	182	Shell-Thick	911	SLU_ENV	Combination	Min	-74.37	-3.23
182	182	Shell-Thick	926	SLU_ENV	Combination	Min	-73.01	-2.96
182	182	Shell-Thick	927	SLU_ENV	Combination	Min	-73.15	-3.62
182	182	Shell-Thick	912	SLU_ENV	Combination	Min	-74.5	-3.9
182	182	Shell-Thick	911	SLV_Ex	Combination		-208.27	-6.63
182	182	Shell-Thick	926	SLV_Ex	Combination		-220.26	-9.02
182	182	Shell-Thick	927	SLV_Ex	Combination		-220.44	-9.92
182	182	Shell-Thick	912	SLV_Ex	Combination		-208.45	-7.52
183	183	Shell-Thick	912	SLU_ENV	Combination	Max	-38.94	-1.63
183	183	Shell-Thick	927	SLU_ENV	Combination	Max	-39.35	-1.71
183	183	Shell-Thick	928	SLU_ENV	Combination	Max	-39.33	-1.63
183	183	Shell-Thick	913	SLU_ENV	Combination	Max	-38.93	-1.55
183	183	Shell-Thick	912	SLU_ENV	Combination	Min	-73.79	-3.75
183	183	Shell-Thick	927	SLU_ENV	Combination	Min	-71.56	-3.31
183	183	Shell-Thick	928	SLU_ENV	Combination	Min	-71.61	-3.55
183	183	Shell-Thick	913	SLU_ENV	Combination	Min	-73.83	-3.99
183	183	Shell-Thick	912	SLV_Ex	Combination		-201.61	-6.15
183	183	Shell-Thick	927	SLV_Ex	Combination		-210.83	-8.
183	183	Shell-Thick	928	SLV_Ex	Combination		-210.95	-8.62
183	183	Shell-Thick	913	SLV_Ex	Combination		-201.73	-6.78
184	184	Shell-Thick	913	SLU_ENV	Combination	Max	-38.77	-1.51
184	184	Shell-Thick	928	SLU_ENV	Combination	Max	-38.84	-1.53
184	184	Shell-Thick	929	SLU_ENV	Combination	Max	-38.87	-1.7
184	184	Shell-Thick	914	SLU_ENV	Combination	Max	-38.8	-1.68
184	184	Shell-Thick	913	SLU_ENV	Combination	Min	-73.24	-3.87
184	184	Shell-Thick	928	SLU_ENV	Combination	Min	-70.35	-3.3
184	184	Shell-Thick	929	SLU_ENV	Combination	Min	-70.47	-3.92
184	184	Shell-Thick	914	SLU_ENV	Combination	Min	-73.36	-4.5
184	184	Shell-Thick	913	SLV_Ex	Combination		-194.15	-5.26
184	184	Shell-Thick	928	SLV_Ex	Combination		-200.9	-6.61
184	184	Shell-Thick	929	SLV_Ex	Combination		-201.15	-7.87
184	184	Shell-Thick	914	SLV_Ex	Combination		-194.4	-6.52
185	185	Shell-Thick	914	SLU_ENV	Combination	Max	-38.68	-1.66
185	185	Shell-Thick	929	SLU_ENV	Combination	Max	-38.59	-1.64
185	185	Shell-Thick	930	SLU_ENV	Combination	Max	-38.57	-1.56
185	185	Shell-Thick	915	SLU_ENV	Combination	Max	-38.66	-1.58
185	185	Shell-Thick	914	SLU_ENV	Combination	Min	-72.98	-4.42
185	185	Shell-Thick	929	SLU_ENV	Combination	Min	-69.77	-3.78
185	185	Shell-Thick	930	SLU_ENV	Combination	Min	-69.75	-3.66
185	185	Shell-Thick	915	SLU_ENV	Combination	Min	-72.96	-4.3
185	185	Shell-Thick	914	SLV_Ex	Combination		-186.31	-4.9
185	185	Shell-Thick	929	SLV_Ex	Combination		-191.43	-5.92
185	185	Shell-Thick	930	SLV_Ex	Combination		-191.62	-6.84
185	185	Shell-Thick	915	SLV_Ex	Combination		-186.5	-5.82
186	186	Shell-Thick	915	SLU_ENV	Combination	Max	-38.62	-1.57
186	186	Shell-Thick	930	SLU_ENV	Combination	Max	-38.52	-1.55
186	186	Shell-Thick	931	SLU_ENV	Combination	Max	-38.54	-1.67
186	186	Shell-Thick	916	SLU_ENV	Combination	Max	-38.65	-1.69
186	186	Shell-Thick	915	SLU_ENV	Combination	Min	-72.89	-4.29
186	186	Shell-Thick	930	SLU_ENV	Combination	Min	-69.65	-3.64
186	186	Shell-Thick	931	SLU_ENV	Combination	Min	-69.69	-3.83
186	186	Shell-Thick	916	SLU_ENV	Combination	Min	-72.92	-4.48

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
186	186	Shell-Thick	915	SLV_Ex	Combination		-178.27	-4.17
186	186	Shell-Thick	930	SLV_Ex	Combination		-182.27	-4.97
186	186	Shell-Thick	931	SLV_Ex	Combination		-182.54	-6.35
186	186	Shell-Thick	916	SLV_Ex	Combination		-178.55	-5.55
187	187	Shell-Thick	916	SLU_ENV	Combination	Max	-38.69	-1.7
187	187	Shell-Thick	931	SLU_ENV	Combination	Max	-38.72	-1.7
187	187	Shell-Thick	932	SLU_ENV	Combination	Max	-38.7	-1.58
187	187	Shell-Thick	917	SLU_ENV	Combination	Max	-38.66	-1.57
187	187	Shell-Thick	916	SLU_ENV	Combination	Min	-73.16	-4.53
187	187	Shell-Thick	931	SLU_ENV	Combination	Min	-70.2	-3.93
187	187	Shell-Thick	932	SLU_ENV	Combination	Min	-70.09	-3.38
187	187	Shell-Thick	917	SLU_ENV	Combination	Min	-73.05	-3.97
187	187	Shell-Thick	916	SLV_Ex	Combination		-169.84	-3.81
187	187	Shell-Thick	931	SLV_Ex	Combination		-173.69	-4.58
187	187	Shell-Thick	932	SLV_Ex	Combination		-173.99	-6.1
187	187	Shell-Thick	917	SLV_Ex	Combination		-170.14	-5.33
188	188	Shell-Thick	917	SLU_ENV	Combination	Max	-38.74	-1.59
188	188	Shell-Thick	932	SLU_ENV	Combination	Max	-39.08	-1.65
188	188	Shell-Thick	933	SLU_ENV	Combination	Max	-39.11	-1.78
188	188	Shell-Thick	918	SLU_ENV	Combination	Max	-38.77	-1.71
188	188	Shell-Thick	917	SLU_ENV	Combination	Min	-73.5	-4.06
188	188	Shell-Thick	932	SLU_ENV	Combination	Min	-71.17	-3.6
188	188	Shell-Thick	933	SLU_ENV	Combination	Min	-71.14	-3.43
188	188	Shell-Thick	918	SLU_ENV	Combination	Min	-73.47	-3.9
188	188	Shell-Thick	917	SLV_Ex	Combination		-161.02	-3.5
188	188	Shell-Thick	932	SLV_Ex	Combination		-165.14	-4.33
188	188	Shell-Thick	933	SLV_Ex	Combination		-165.59	-6.58
188	188	Shell-Thick	918	SLV_Ex	Combination		-161.47	-5.76
189	189	Shell-Thick	918	SLU_ENV	Combination	Max	-38.82	-1.72
189	189	Shell-Thick	933	SLU_ENV	Combination	Max	-39.62	-1.88
189	189	Shell-Thick	934	SLU_ENV	Combination	Max	-39.62	-1.92
189	189	Shell-Thick	919	SLU_ENV	Combination	Max	-38.83	-1.76
189	189	Shell-Thick	918	SLU_ENV	Combination	Min	-74.06	-4.01
189	189	Shell-Thick	933	SLU_ENV	Combination	Min	-72.57	-3.72
189	189	Shell-Thick	934	SLU_ENV	Combination	Min	-72.45	-3.12
189	189	Shell-Thick	919	SLU_ENV	Combination	Min	-73.94	-3.42
189	189	Shell-Thick	918	SLV_Ex	Combination		-151.01	-3.66
189	189	Shell-Thick	933	SLV_Ex	Combination		-156.6	-4.78
189	189	Shell-Thick	934	SLV_Ex	Combination		-157.22	-7.85
189	189	Shell-Thick	919	SLV_Ex	Combination		-151.62	-6.73
190	190	Shell-Thick	919	SLU_ENV	Combination	Max	-38.68	-1.73
190	190	Shell-Thick	934	SLU_ENV	Combination	Max	-40.	-1.99
190	190	Shell-Thick	935	SLU_ENV	Combination	Max	-40.1	-2.23
190	190	Shell-Thick	920	SLU_ENV	Combination	Max	-38.78	-2.23
190	190	Shell-Thick	919	SLU_ENV	Combination	Min	-74.27	-3.48
190	190	Shell-Thick	934	SLU_ENV	Combination	Min	-73.81	-3.39
190	190	Shell-Thick	935	SLU_ENV	Combination	Min	-73.85	-3.87
190	190	Shell-Thick	920	SLU_ENV	Combination	Min	-74.31	-3.7
190	190	Shell-Thick	919	SLV_Ex	Combination		-139.93	-4.4
190	190	Shell-Thick	934	SLV_Ex	Combination		-146.49	-5.71
190	190	Shell-Thick	935	SLV_Ex	Combination		-147.34	-9.98
190	190	Shell-Thick	920	SLV_Ex	Combination		-140.78	-8.67
191	191	Shell-Thick	920	SLU_ENV	Combination	Max	-38.35	-2.14
191	191	Shell-Thick	935	SLU_ENV	Combination	Max	-39.71	-2.29

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
191	191	Shell-Thick	936	SLU_ENV	Combination	Max	-39.89	-2.74
191	191	Shell-Thick	921	SLU_ENV	Combination	Max	-38.53	-2.98
191	191	Shell-Thick	920	SLU_ENV	Combination	Min	-74.23	-3.68
191	191	Shell-Thick	935	SLU_ENV	Combination	Min	-73.89	-3.73
191	191	Shell-Thick	936	SLU_ENV	Combination	Min	-74.07	-5.1
191	191	Shell-Thick	921	SLU_ENV	Combination	Min	-74.41	-4.65
191	191	Shell-Thick	920	SLV_Ex	Combination		-127.45	-6.
191	191	Shell-Thick	935	SLV_Ex	Combination		-132.79	-7.07
191	191	Shell-Thick	936	SLV_Ex	Combination		-133.6	-11.11
191	191	Shell-Thick	921	SLV_Ex	Combination		-128.25	-10.04
192	192	Shell-Thick	921	SLU_ENV	Combination	Max	-39.08	-3.14
192	192	Shell-Thick	936	SLU_ENV	Combination	Max	-37.95	-2.41
192	192	Shell-Thick	937	SLU_ENV	Combination	Max	-37.54	1.034E-02
192	192	Shell-Thick	922	SLU_ENV	Combination	Max	-38.66	-0.77
192	192	Shell-Thick	921	SLU_ENV	Combination	Min	-75.8	-4.88
192	192	Shell-Thick	936	SLU_ENV	Combination	Min	-71.27	-4.48
192	192	Shell-Thick	937	SLU_ENV	Combination	Min	-70.52	-1.08
192	192	Shell-Thick	922	SLU_ENV	Combination	Min	-75.05	-1.43
192	192	Shell-Thick	921	SLV_Ex	Combination		-120.38	-8.46
192	192	Shell-Thick	936	SLV_Ex	Combination		-114.33	-7.25
192	192	Shell-Thick	937	SLV_Ex	Combination		-111.9	4.9
192	192	Shell-Thick	922	SLV_Ex	Combination		-117.95	3.69
193	193	Shell-Thick	922	SLU_ENV	Combination	Max	-38.67	-0.8
193	193	Shell-Thick	937	SLU_ENV	Combination	Max	-40.19	-0.6
193	193	Shell-Thick	244	SLU_ENV	Combination	Max	-39.99	-0.1
193	193	Shell-Thick	217	SLU_ENV	Combination	Max	-38.47	0.29
193	193	Shell-Thick	922	SLU_ENV	Combination	Min	-75.22	-1.44
193	193	Shell-Thick	937	SLU_ENV	Combination	Min	-75.13	-1.92
193	193	Shell-Thick	244	SLU_ENV	Combination	Min	-74.91	-0.36
193	193	Shell-Thick	217	SLU_ENV	Combination	Min	-75.	-0.47
193	193	Shell-Thick	922	SLV_Ex	Combination		-108.97	5.48
193	193	Shell-Thick	937	SLV_Ex	Combination		-113.4	4.6
193	193	Shell-Thick	244	SLV_Ex	Combination		-110.8	17.6
193	193	Shell-Thick	217	SLV_Ex	Combination		-106.37	18.49
194	194	Shell-Thick	487	SLU_ENV	Combination	Max	-39.47	8.01
194	194	Shell-Thick	505	SLU_ENV	Combination	Max	-32.85	10.08
194	194	Shell-Thick	938	SLU_ENV	Combination	Max	-34.85	-3.8
194	194	Shell-Thick	923	SLU_ENV	Combination	Max	-41.47	-5.13
194	194	Shell-Thick	487	SLU_ENV	Combination	Min	-74.43	3.77
194	194	Shell-Thick	505	SLU_ENV	Combination	Min	-60.61	5.78
194	194	Shell-Thick	938	SLU_ENV	Combination	Min	-63.78	-6.16
194	194	Shell-Thick	923	SLU_ENV	Combination	Min	-77.6	-8.92
194	194	Shell-Thick	487	SLV_Ex	Combination		-233.37	78.56
194	194	Shell-Thick	505	SLV_Ex	Combination		-187.24	87.79
194	194	Shell-Thick	938	SLV_Ex	Combination		-206.64	-9.21
194	194	Shell-Thick	923	SLV_Ex	Combination		-252.77	-18.43
195	195	Shell-Thick	923	SLU_ENV	Combination	Max	-38.72	-4.58
195	195	Shell-Thick	938	SLU_ENV	Combination	Max	-44.67	-5.77
195	195	Shell-Thick	939	SLU_ENV	Combination	Max	-44.11	-2.86
195	195	Shell-Thick	924	SLU_ENV	Combination	Max	-38.16	-1.75
195	195	Shell-Thick	923	SLU_ENV	Combination	Min	-72.84	-7.97
195	195	Shell-Thick	938	SLU_ENV	Combination	Min	-80.71	-9.54
195	195	Shell-Thick	939	SLU_ENV	Combination	Min	-79.71	-4.6
195	195	Shell-Thick	924	SLU_ENV	Combination	Min	-71.84	-2.95

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
195	195	Shell-Thick	923	SLV_Ex	Combination		-223.27	-12.53
195	195	Shell-Thick	938	SLV_Ex	Combination		-263.25	-20.53
195	195	Shell-Thick	939	SLV_Ex	Combination		-262.44	-16.46
195	195	Shell-Thick	924	SLV_Ex	Combination		-222.46	-8.46
196	196	Shell-Thick	924	SLU_ENV	Combination	Max	-40.09	-2.14
196	196	Shell-Thick	939	SLU_ENV	Combination	Max	-44.18	-2.69
196	196	Shell-Thick	940	SLU_ENV	Combination	Max	-43.94	-1.66
196	196	Shell-Thick	925	SLU_ENV	Combination	Max	-39.85	-0.96
196	196	Shell-Thick	924	SLU_ENV	Combination	Min	-74.63	-3.5
196	196	Shell-Thick	939	SLU_ENV	Combination	Min	-79.03	-4.65
196	196	Shell-Thick	940	SLU_ENV	Combination	Min	-78.68	-2.79
196	196	Shell-Thick	925	SLU_ENV	Combination	Min	-74.28	-1.79
196	196	Shell-Thick	924	SLV_Ex	Combination		-228.48	-9.67
196	196	Shell-Thick	939	SLV_Ex	Combination		-265.77	-17.13
196	196	Shell-Thick	940	SLV_Ex	Combination		-264.64	-11.49
196	196	Shell-Thick	925	SLV_Ex	Combination		-227.35	-4.04
197	197	Shell-Thick	925	SLU_ENV	Combination	Max	-40.21	-1.03
197	197	Shell-Thick	940	SLU_ENV	Combination	Max	-42.05	-1.02
197	197	Shell-Thick	941	SLU_ENV	Combination	Max	-42.02	-1.28
197	197	Shell-Thick	926	SLU_ENV	Combination	Max	-40.18	-0.91
197	197	Shell-Thick	925	SLU_ENV	Combination	Min	-74.19	-1.77
197	197	Shell-Thick	940	SLU_ENV	Combination	Min	-74.51	-2.21
197	197	Shell-Thick	941	SLU_ENV	Combination	Min	-74.56	-2.09
197	197	Shell-Thick	926	SLU_ENV	Combination	Min	-74.24	-2.02
197	197	Shell-Thick	925	SLV_Ex	Combination		-226.47	-3.86
197	197	Shell-Thick	940	SLV_Ex	Combination		-249.15	-8.4
197	197	Shell-Thick	941	SLV_Ex	Combination		-249.23	-8.81
197	197	Shell-Thick	926	SLV_Ex	Combination		-226.55	-4.27
198	198	Shell-Thick	926	SLU_ENV	Combination	Max	-39.74	-0.82
198	198	Shell-Thick	941	SLU_ENV	Combination	Max	-40.31	-0.78
198	198	Shell-Thick	942	SLU_ENV	Combination	Max	-40.3	-0.86
198	198	Shell-Thick	927	SLU_ENV	Combination	Max	-39.72	-0.74
198	198	Shell-Thick	926	SLU_ENV	Combination	Min	-72.77	-1.73
198	198	Shell-Thick	941	SLU_ENV	Combination	Min	-70.74	-1.48
198	198	Shell-Thick	942	SLU_ENV	Combination	Min	-70.77	-1.49
198	198	Shell-Thick	927	SLU_ENV	Combination	Min	-72.8	-1.9
198	198	Shell-Thick	926	SLV_Ex	Combination		-219.01	-2.76
198	198	Shell-Thick	941	SLV_Ex	Combination		-232.96	-5.55
198	198	Shell-Thick	942	SLV_Ex	Combination		-233.13	-6.38
198	198	Shell-Thick	927	SLV_Ex	Combination		-219.17	-3.59
199	199	Shell-Thick	927	SLU_ENV	Combination	Max	-39.13	-0.62
199	199	Shell-Thick	942	SLU_ENV	Combination	Max	-38.99	-0.54
199	199	Shell-Thick	943	SLU_ENV	Combination	Max	-39.04	-0.83
199	199	Shell-Thick	928	SLU_ENV	Combination	Max	-39.18	-0.86
199	199	Shell-Thick	927	SLU_ENV	Combination	Min	-71.21	-1.58
199	199	Shell-Thick	942	SLU_ENV	Combination	Min	-67.75	-0.94
199	199	Shell-Thick	943	SLU_ENV	Combination	Min	-67.9	-1.63
199	199	Shell-Thick	928	SLU_ENV	Combination	Min	-71.36	-2.33
199	199	Shell-Thick	927	SLV_Ex	Combination		-209.56	-1.67
199	199	Shell-Thick	942	SLV_Ex	Combination		-218.19	-3.39
199	199	Shell-Thick	943	SLV_Ex	Combination		-218.61	-5.48
199	199	Shell-Thick	928	SLV_Ex	Combination		-209.98	-3.75
200	200	Shell-Thick	928	SLU_ENV	Combination	Max	-38.69	-0.76
200	200	Shell-Thick	943	SLU_ENV	Combination	Max	-38.14	-0.65

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
200	200	Shell-Thick	944	SLU_ENV	Combination	Max	-38.14	-0.63
200	200	Shell-Thick	929	SLU_ENV	Combination	Max	-38.68	-0.74
200	200	Shell-Thick	928	SLU_ENV	Combination	Min	-70.11	-2.08
200	200	Shell-Thick	943	SLU_ENV	Combination	Min	-65.8	-1.21
200	200	Shell-Thick	944	SLU_ENV	Combination	Min	-65.81	-1.29
200	200	Shell-Thick	929	SLU_ENV	Combination	Min	-70.12	-2.15
200	200	Shell-Thick	928	SLV_Ex	Combination		-199.92	-1.74
200	200	Shell-Thick	943	SLV_Ex	Combination		-205.32	-2.82
200	200	Shell-Thick	944	SLV_Ex	Combination		-205.63	-4.35
200	200	Shell-Thick	929	SLV_Ex	Combination		-200.23	-3.27
201	201	Shell-Thick	929	SLU_ENV	Combination	Max	-38.4	-0.68
201	201	Shell-Thick	944	SLU_ENV	Combination	Max	-37.65	-0.53
201	201	Shell-Thick	945	SLU_ENV	Combination	Max	-37.69	-0.69
201	201	Shell-Thick	930	SLU_ENV	Combination	Max	-38.43	-0.84
201	201	Shell-Thick	929	SLU_ENV	Combination	Min	-69.42	-2.01
201	201	Shell-Thick	944	SLU_ENV	Combination	Min	-64.67	-1.06
201	201	Shell-Thick	945	SLU_ENV	Combination	Min	-64.75	-1.46
201	201	Shell-Thick	930	SLU_ENV	Combination	Min	-69.5	-2.41
201	201	Shell-Thick	929	SLV_Ex	Combination		-190.51	-1.33
201	201	Shell-Thick	944	SLV_Ex	Combination		-193.9	-2.
201	201	Shell-Thick	945	SLV_Ex	Combination		-194.28	-3.92
201	201	Shell-Thick	930	SLV_Ex	Combination		-190.9	-3.24
202	202	Shell-Thick	930	SLU_ENV	Combination	Max	-38.38	-0.83
202	202	Shell-Thick	945	SLU_ENV	Combination	Max	-37.61	-0.68
202	202	Shell-Thick	946	SLU_ENV	Combination	Max	-37.59	-0.55
202	202	Shell-Thick	931	SLU_ENV	Combination	Max	-38.35	-0.7
202	202	Shell-Thick	930	SLU_ENV	Combination	Min	-69.4	-2.39
202	202	Shell-Thick	945	SLU_ENV	Combination	Min	-64.62	-1.43
202	202	Shell-Thick	946	SLU_ENV	Combination	Min	-64.55	-1.09
202	202	Shell-Thick	931	SLU_ENV	Combination	Min	-69.33	-2.05
202	202	Shell-Thick	930	SLV_Ex	Combination		-181.55	-1.37
202	202	Shell-Thick	945	SLV_Ex	Combination		-184.06	-1.87
202	202	Shell-Thick	946	SLV_Ex	Combination		-184.36	-3.39
202	202	Shell-Thick	931	SLV_Ex	Combination		-181.85	-2.88
203	203	Shell-Thick	931	SLU_ENV	Combination	Max	-38.53	-0.74
203	203	Shell-Thick	946	SLU_ENV	Combination	Max	-37.93	-0.62
203	203	Shell-Thick	947	SLU_ENV	Combination	Max	-37.94	-0.67
203	203	Shell-Thick	932	SLU_ENV	Combination	Max	-38.54	-0.79
203	203	Shell-Thick	931	SLU_ENV	Combination	Min	-69.85	-2.15
203	203	Shell-Thick	946	SLU_ENV	Combination	Min	-65.44	-1.27
203	203	Shell-Thick	947	SLU_ENV	Combination	Min	-65.43	-1.26
203	203	Shell-Thick	932	SLU_ENV	Combination	Min	-69.84	-2.14
203	203	Shell-Thick	931	SLV_Ex	Combination		-173.	-1.11
203	203	Shell-Thick	946	SLV_Ex	Combination		-175.41	-1.6
203	203	Shell-Thick	947	SLV_Ex	Combination		-175.78	-3.43
203	203	Shell-Thick	932	SLV_Ex	Combination		-173.36	-2.95
204	204	Shell-Thick	932	SLU_ENV	Combination	Max	-38.93	-0.87
204	204	Shell-Thick	947	SLU_ENV	Combination	Max	-38.7	-0.83
204	204	Shell-Thick	948	SLU_ENV	Combination	Max	-38.66	-0.58
204	204	Shell-Thick	933	SLU_ENV	Combination	Max	-38.89	-0.67
204	204	Shell-Thick	932	SLU_ENV	Combination	Min	-70.92	-2.35
204	204	Shell-Thick	947	SLU_ENV	Combination	Min	-67.3	-1.63
204	204	Shell-Thick	948	SLU_ENV	Combination	Min	-67.16	-0.98
204	204	Shell-Thick	933	SLU_ENV	Combination	Min	-70.79	-1.67

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
204	204	Shell-Thick	932	SLV_Ex	Combination		-164.51	-1.18
204	204	Shell-Thick	947	SLV_Ex	Combination		-168.17	-1.91
204	204	Shell-Thick	948	SLV_Ex	Combination		-168.54	-3.73
204	204	Shell-Thick	933	SLV_Ex	Combination		-164.88	-3.
205	205	Shell-Thick	933	SLU_ENV	Combination	Max	-39.39	-0.77
205	205	Shell-Thick	948	SLU_ENV	Combination	Max	-39.84	-0.86
205	205	Shell-Thick	949	SLU_ENV	Combination	Max	-39.86	-0.82
205	205	Shell-Thick	934	SLU_ENV	Combination	Max	-39.42	-0.88
205	205	Shell-Thick	933	SLU_ENV	Combination	Min	-72.22	-1.95
205	205	Shell-Thick	948	SLU_ENV	Combination	Min	-69.97	-1.5
205	205	Shell-Thick	949	SLU_ENV	Combination	Min	-69.95	-1.53
205	205	Shell-Thick	934	SLU_ENV	Combination	Min	-72.19	-1.83
205	205	Shell-Thick	933	SLV_Ex	Combination		-155.89	-1.2
205	205	Shell-Thick	948	SLV_Ex	Combination		-162.01	-2.43
205	205	Shell-Thick	949	SLV_Ex	Combination		-162.54	-5.08
205	205	Shell-Thick	934	SLV_Ex	Combination		-156.42	-3.86
206	206	Shell-Thick	934	SLU_ENV	Combination	Max	-39.79	-0.96
206	206	Shell-Thick	949	SLU_ENV	Combination	Max	-41.48	-1.29
206	206	Shell-Thick	950	SLU_ENV	Combination	Max	-41.5	-1.07
206	206	Shell-Thick	935	SLU_ENV	Combination	Max	-39.82	-1.1
206	206	Shell-Thick	934	SLU_ENV	Combination	Min	-73.55	-2.1
206	206	Shell-Thick	949	SLU_ENV	Combination	Min	-73.59	-2.11
206	206	Shell-Thick	950	SLU_ENV	Combination	Min	-73.55	-2.26
206	206	Shell-Thick	935	SLU_ENV	Combination	Min	-73.51	-1.89
206	206	Shell-Thick	934	SLV_Ex	Combination		-145.69	-1.71
206	206	Shell-Thick	949	SLV_Ex	Combination		-157.26	-4.03
206	206	Shell-Thick	950	SLV_Ex	Combination		-157.96	-7.48
206	206	Shell-Thick	935	SLV_Ex	Combination		-146.38	-5.17
207	207	Shell-Thick	935	SLU_ENV	Combination	Max	-39.44	-1.02
207	207	Shell-Thick	950	SLU_ENV	Combination	Max	-43.34	-1.69
207	207	Shell-Thick	951	SLU_ENV	Combination	Max	-43.58	-2.73
207	207	Shell-Thick	936	SLU_ENV	Combination	Max	-39.67	-2.2
207	207	Shell-Thick	935	SLU_ENV	Combination	Min	-73.54	-1.89
207	207	Shell-Thick	950	SLU_ENV	Combination	Min	-77.62	-2.82
207	207	Shell-Thick	951	SLU_ENV	Combination	Min	-77.96	-4.69
207	207	Shell-Thick	936	SLU_ENV	Combination	Min	-73.89	-3.62
207	207	Shell-Thick	935	SLV_Ex	Combination		-131.83	-2.26
207	207	Shell-Thick	950	SLV_Ex	Combination		-152.41	-6.38
207	207	Shell-Thick	951	SLV_Ex	Combination		-153.85	-13.55
207	207	Shell-Thick	936	SLV_Ex	Combination		-133.27	-9.43
208	208	Shell-Thick	936	SLU_ENV	Combination	Max	-37.73	-1.81
208	208	Shell-Thick	951	SLU_ENV	Combination	Max	-43.54	-2.91
208	208	Shell-Thick	952	SLU_ENV	Combination	Max	-44.12	-5.85
208	208	Shell-Thick	937	SLU_ENV	Combination	Max	-38.31	-4.69
208	208	Shell-Thick	936	SLU_ENV	Combination	Min	-71.08	-3.06
208	208	Shell-Thick	951	SLU_ENV	Combination	Min	-78.71	-4.65
208	208	Shell-Thick	952	SLU_ENV	Combination	Min	-79.73	-9.68
208	208	Shell-Thick	937	SLU_ENV	Combination	Min	-72.1	-8.16
208	208	Shell-Thick	936	SLV_Ex	Combination		-113.99	-5.58
208	208	Shell-Thick	951	SLV_Ex	Combination		-137.97	-10.37
208	208	Shell-Thick	952	SLV_Ex	Combination		-139.17	-16.37
208	208	Shell-Thick	937	SLV_Ex	Combination		-115.19	-11.57
209	209	Shell-Thick	937	SLU_ENV	Combination	Max	-40.96	-5.22
209	209	Shell-Thick	952	SLU_ENV	Combination	Max	-34.44	-3.92



Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
209	209	Shell-Thick	271	SLU_ENV	Combination	Max	-32.51	9.48
209	209	Shell-Thick	244	SLU_ENV	Combination	Max	-39.04	7.42
209	209	Shell-Thick	937	SLU_ENV	Combination	Min	-76.71	-9.08
209	209	Shell-Thick	952	SLU_ENV	Combination	Min	-63.06	-6.35
209	209	Shell-Thick	271	SLU_ENV	Combination	Min	-60.	5.19
209	209	Shell-Thick	244	SLU_ENV	Combination	Min	-73.65	3.2
209	209	Shell-Thick	937	SLV_Ex	Combination		-116.69	-11.87
209	209	Shell-Thick	952	SLV_Ex	Combination		-92.78	-7.09
209	209	Shell-Thick	271	SLV_Ex	Combination		-82.17	45.94
209	209	Shell-Thick	244	SLV_Ex	Combination		-106.08	41.16
210	210	Shell-Thick	505	SLU_ENV	Combination	Max	-33.13	7.94
210	210	Shell-Thick	523	SLU_ENV	Combination	Max	-78.61	-4.3
210	210	Shell-Thick	953	SLU_ENV	Combination	Max	-79.42	-8.35
210	210	Shell-Thick	938	SLU_ENV	Combination	Max	-33.94	1.2
210	210	Shell-Thick	505	SLU_ENV	Combination	Min	-61.12	4.01
210	210	Shell-Thick	523	SLU_ENV	Combination	Min	-138.43	-8.31
210	210	Shell-Thick	953	SLU_ENV	Combination	Min	-139.63	-14.34
210	210	Shell-Thick	938	SLU_ENV	Combination	Min	-62.33	0.68
210	210	Shell-Thick	505	SLV_Ex	Combination		-188.37	82.13
210	210	Shell-Thick	523	SLV_Ex	Combination		-498.73	20.06
210	210	Shell-Thick	953	SLV_Ex	Combination		-514.08	-56.7
210	210	Shell-Thick	938	SLV_Ex	Combination		-203.72	5.37
211	211	Shell-Thick	938	SLU_ENV	Combination	Max	-43.76	-1.22
211	211	Shell-Thick	953	SLU_ENV	Combination	Max	-56.04	-3.67
211	211	Shell-Thick	954	SLU_ENV	Combination	Max	-55.82	-2.56
211	211	Shell-Thick	939	SLU_ENV	Combination	Max	-43.54	-0.11
211	211	Shell-Thick	938	SLU_ENV	Combination	Min	-79.26	-2.26
211	211	Shell-Thick	953	SLU_ENV	Combination	Min	-98.	-6.01
211	211	Shell-Thick	954	SLU_ENV	Combination	Min	-97.63	-4.14
211	211	Shell-Thick	939	SLU_ENV	Combination	Min	-78.88	-0.4
211	211	Shell-Thick	938	SLV_Ex	Combination		-260.34	-5.95
211	211	Shell-Thick	953	SLV_Ex	Combination		-371.79	-28.24
211	211	Shell-Thick	954	SLV_Ex	Combination		-369.94	-19.03
211	211	Shell-Thick	939	SLV_Ex	Combination		-258.5	3.26
212	212	Shell-Thick	939	SLU_ENV	Combination	Max	-43.61	-0.12
212	212	Shell-Thick	954	SLU_ENV	Combination	Max	-46.56	-0.33
212	212	Shell-Thick	955	SLU_ENV	Combination	Max	-46.64	-1.09
212	212	Shell-Thick	940	SLU_ENV	Combination	Max	-43.7	-0.53
212	212	Shell-Thick	939	SLU_ENV	Combination	Min	-78.2	-0.26
212	212	Shell-Thick	954	SLU_ENV	Combination	Min	-80.75	-1.15
212	212	Shell-Thick	955	SLU_ENV	Combination	Min	-80.94	-1.77
212	212	Shell-Thick	940	SLU_ENV	Combination	Min	-78.4	-1.24
212	212	Shell-Thick	939	SLV_Ex	Combination		-261.83	2.59
212	212	Shell-Thick	954	SLV_Ex	Combination		-301.06	-5.25
212	212	Shell-Thick	955	SLV_Ex	Combination		-301.94	-9.64
212	212	Shell-Thick	940	SLV_Ex	Combination		-262.7	-1.8
213	213	Shell-Thick	940	SLU_ENV	Combination	Max	-41.8	-0.15
213	213	Shell-Thick	955	SLU_ENV	Combination	Max	-42.23	0.18
213	213	Shell-Thick	956	SLU_ENV	Combination	Max	-42.27	-0.31
213	213	Shell-Thick	941	SLU_ENV	Combination	Max	-41.84	-0.36
213	213	Shell-Thick	940	SLU_ENV	Combination	Min	-74.22	-0.4
213	213	Shell-Thick	955	SLU_ENV	Combination	Min	-72.15	-0.4
213	213	Shell-Thick	956	SLU_ENV	Combination	Min	-72.26	-0.71
213	213	Shell-Thick	941	SLU_ENV	Combination	Min	-74.34	-0.99

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
213	213	Shell-Thick	940	SLV_Ex	Combination		-247.21	1.3
213	213	Shell-Thick	955	SLV_Ex	Combination		-265.31	-2.32
213	213	Shell-Thick	956	SLV_Ex	Combination		-265.88	-5.14
213	213	Shell-Thick	941	SLV_Ex	Combination		-247.78	-1.52
214	214	Shell-Thick	941	SLU_ENV	Combination	Max	-40.13	-9.077E-03
214	214	Shell-Thick	956	SLU_ENV	Combination	Max	-39.5	0.64
214	214	Shell-Thick	957	SLU_ENV	Combination	Max	-39.59	-0.27
214	214	Shell-Thick	942	SLU_ENV	Combination	Max	-40.22	-0.48
214	214	Shell-Thick	941	SLU_ENV	Combination	Min	-70.52	-0.24
214	214	Shell-Thick	956	SLU_ENV	Combination	Min	-66.15	0.11
214	214	Shell-Thick	957	SLU_ENV	Combination	Min	-66.37	-0.57
214	214	Shell-Thick	942	SLU_ENV	Combination	Min	-70.75	-1.36
214	214	Shell-Thick	941	SLV_Ex	Combination		-231.51	1.73
214	214	Shell-Thick	956	SLV_Ex	Combination		-240.4	-4.760E-02
214	214	Shell-Thick	957	SLV_Ex	Combination		-241.17	-3.91
214	214	Shell-Thick	942	SLV_Ex	Combination		-232.28	-2.14
215	215	Shell-Thick	942	SLU_ENV	Combination	Max	-38.92	-0.22
215	215	Shell-Thick	957	SLU_ENV	Combination	Max	-37.67	0.43
215	215	Shell-Thick	958	SLU_ENV	Combination	Max	-37.69	0.12
215	215	Shell-Thick	943	SLU_ENV	Combination	Max	-38.94	-0.34
215	215	Shell-Thick	942	SLU_ENV	Combination	Min	-67.72	-0.75
215	215	Shell-Thick	957	SLU_ENV	Combination	Min	-61.86	2.015E-02
215	215	Shell-Thick	958	SLU_ENV	Combination	Min	-61.94	-0.16
215	215	Shell-Thick	943	SLU_ENV	Combination	Min	-67.8	-1.12
215	215	Shell-Thick	942	SLV_Ex	Combination		-217.34	0.85
215	215	Shell-Thick	957	SLV_Ex	Combination		-221.29	6.239E-02
215	215	Shell-Thick	958	SLV_Ex	Combination		-221.82	-2.56
215	215	Shell-Thick	943	SLV_Ex	Combination		-217.87	-1.77
216	216	Shell-Thick	943	SLU_ENV	Combination	Max	-38.05	-0.17
216	216	Shell-Thick	958	SLU_ENV	Combination	Max	-36.43	0.67
216	216	Shell-Thick	959	SLU_ENV	Combination	Max	-36.48	7.004E-02
216	216	Shell-Thick	944	SLU_ENV	Combination	Max	-38.1	-0.45
216	216	Shell-Thick	943	SLU_ENV	Combination	Min	-65.69	-0.7
216	216	Shell-Thick	958	SLU_ENV	Combination	Min	-58.85	0.16
216	216	Shell-Thick	959	SLU_ENV	Combination	Min	-58.99	-0.21
216	216	Shell-Thick	944	SLU_ENV	Combination	Min	-65.83	-1.38
216	216	Shell-Thick	943	SLV_Ex	Combination		-204.58	0.89
216	216	Shell-Thick	958	SLV_Ex	Combination		-205.69	0.66
216	216	Shell-Thick	959	SLV_Ex	Combination		-206.27	-2.2
216	216	Shell-Thick	944	SLV_Ex	Combination		-205.15	-1.97
217	217	Shell-Thick	944	SLU_ENV	Combination	Max	-37.62	-0.35
217	217	Shell-Thick	959	SLU_ENV	Combination	Max	-35.81	0.33
217	217	Shell-Thick	960	SLU_ENV	Combination	Max	-35.8	0.42
217	217	Shell-Thick	945	SLU_ENV	Combination	Max	-37.61	-0.3
217	217	Shell-Thick	944	SLU_ENV	Combination	Min	-64.69	-1.15
217	217	Shell-Thick	959	SLU_ENV	Combination	Min	-57.34	-2.589E-03
217	217	Shell-Thick	960	SLU_ENV	Combination	Min	-57.32	6.187E-02
217	217	Shell-Thick	945	SLU_ENV	Combination	Min	-64.67	-1.05
217	217	Shell-Thick	944	SLV_Ex	Combination		-193.42	0.37
217	217	Shell-Thick	959	SLV_Ex	Combination		-193.01	0.46
217	217	Shell-Thick	960	SLV_Ex	Combination		-193.41	-1.55
217	217	Shell-Thick	945	SLV_Ex	Combination		-193.82	-1.63
218	218	Shell-Thick	945	SLU_ENV	Combination	Max	-37.53	-0.29
218	218	Shell-Thick	960	SLU_ENV	Combination	Max	-35.7	0.45

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
218	218	Shell-Thick	961	SLU_ENV	Combination	Max	-35.71	0.31
218	218	Shell-Thick	946	SLU_ENV	Combination	Max	-37.55	-0.37
218	218	Shell-Thick	945	SLU_ENV	Combination	Min	-64.54	-1.02
218	218	Shell-Thick	960	SLU_ENV	Combination	Min	-57.15	8.196E-02
218	218	Shell-Thick	961	SLU_ENV	Combination	Min	-57.18	-2.559E-02
218	218	Shell-Thick	946	SLU_ENV	Combination	Min	-64.57	-1.19
218	218	Shell-Thick	945	SLV_Ex	Combination		-183.6	0.42
218	218	Shell-Thick	960	SLV_Ex	Combination		-182.51	0.63
218	218	Shell-Thick	961	SLV_Ex	Combination		-182.92	-1.43
218	218	Shell-Thick	946	SLV_Ex	Combination		-184.01	-1.64
219	219	Shell-Thick	946	SLU_ENV	Combination	Max	-37.89	-0.44
219	219	Shell-Thick	961	SLU_ENV	Combination	Max	-36.19	0.1
219	219	Shell-Thick	962	SLU_ENV	Combination	Max	-36.14	0.65
219	219	Shell-Thick	947	SLU_ENV	Combination	Max	-37.84	-0.19
219	219	Shell-Thick	946	SLU_ENV	Combination	Min	-65.46	-1.37
219	219	Shell-Thick	961	SLU_ENV	Combination	Min	-58.48	-0.18
219	219	Shell-Thick	962	SLU_ENV	Combination	Min	-58.35	0.15
219	219	Shell-Thick	947	SLU_ENV	Combination	Min	-65.33	-0.75
219	219	Shell-Thick	946	SLV_Ex	Combination		-175.06	0.15
219	219	Shell-Thick	961	SLV_Ex	Combination		-174.19	0.32
219	219	Shell-Thick	962	SLV_Ex	Combination		-174.49	-1.15
219	219	Shell-Thick	947	SLV_Ex	Combination		-175.35	-1.32
220	220	Shell-Thick	947	SLU_ENV	Combination	Max	-38.6	-0.35
220	220	Shell-Thick	962	SLU_ENV	Combination	Max	-37.22	0.16
220	220	Shell-Thick	963	SLU_ENV	Combination	Max	-37.2	0.42
220	220	Shell-Thick	948	SLU_ENV	Combination	Max	-38.58	-0.26
220	220	Shell-Thick	947	SLU_ENV	Combination	Min	-67.2	-1.12
220	220	Shell-Thick	962	SLU_ENV	Combination	Min	-61.11	-0.13
220	220	Shell-Thick	963	SLU_ENV	Combination	Min	-61.05	9.164E-03
220	220	Shell-Thick	948	SLU_ENV	Combination	Min	-67.14	-0.81
220	220	Shell-Thick	947	SLV_Ex	Combination		-167.75	0.2
220	220	Shell-Thick	962	SLV_Ex	Combination		-167.8	0.19
220	220	Shell-Thick	963	SLV_Ex	Combination		-168.1	-1.33
220	220	Shell-Thick	948	SLV_Ex	Combination		-168.06	-1.32
221	221	Shell-Thick	948	SLU_ENV	Combination	Max	-39.77	-0.49
221	221	Shell-Thick	963	SLU_ENV	Combination	Max	-38.95	-0.23
221	221	Shell-Thick	964	SLU_ENV	Combination	Max	-38.86	0.64
221	221	Shell-Thick	949	SLU_ENV	Combination	Max	-39.68	-5.338E-02
221	221	Shell-Thick	948	SLU_ENV	Combination	Min	-69.94	-1.37
221	221	Shell-Thick	963	SLU_ENV	Combination	Min	-65.25	-0.53
221	221	Shell-Thick	964	SLU_ENV	Combination	Min	-65.04	0.11
221	221	Shell-Thick	949	SLU_ENV	Combination	Min	-69.73	-0.3
221	221	Shell-Thick	948	SLV_Ex	Combination		-161.53	-1.517E-02
221	221	Shell-Thick	963	SLV_Ex	Combination		-164.02	-0.51
221	221	Shell-Thick	964	SLV_Ex	Combination		-164.21	-1.48
221	221	Shell-Thick	949	SLV_Ex	Combination		-161.72	-0.98
222	222	Shell-Thick	949	SLU_ENV	Combination	Max	-41.29	-0.38
222	222	Shell-Thick	964	SLU_ENV	Combination	Max	-41.49	-0.27
222	222	Shell-Thick	965	SLU_ENV	Combination	Max	-41.45	0.18
222	222	Shell-Thick	950	SLU_ENV	Combination	Max	-41.26	-0.19
222	222	Shell-Thick	949	SLU_ENV	Combination	Min	-73.37	-1.03
222	222	Shell-Thick	964	SLU_ENV	Combination	Min	-70.88	-0.67
222	222	Shell-Thick	965	SLU_ENV	Combination	Min	-70.77	-0.39
222	222	Shell-Thick	950	SLU_ENV	Combination	Min	-73.26	-0.48

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
222	222	Shell-Thick	949	SLV_Ex	Combination		-156.44	7.622E-02
222	222	Shell-Thick	964	SLV_Ex	Combination		-163.74	-1.38
222	222	Shell-Thick	965	SLV_Ex	Combination		-164.02	-2.76
222	222	Shell-Thick	950	SLV_Ex	Combination		-156.72	-1.3
223	223	Shell-Thick	950	SLU_ENV	Combination	Max	-43.09	-0.56
223	223	Shell-Thick	965	SLU_ENV	Combination	Max	-45.73	-1.05
223	223	Shell-Thick	966	SLU_ENV	Combination	Max	-45.65	-0.31
223	223	Shell-Thick	951	SLU_ENV	Combination	Max	-43.02	-0.17
223	223	Shell-Thick	950	SLU_ENV	Combination	Min	-77.33	-1.29
223	223	Shell-Thick	965	SLU_ENV	Combination	Min	-79.33	-1.73
223	223	Shell-Thick	966	SLU_ENV	Combination	Min	-79.14	-1.12
223	223	Shell-Thick	951	SLU_ENV	Combination	Min	-77.14	-0.34
223	223	Shell-Thick	950	SLV_Ex	Combination		-151.18	-0.19
223	223	Shell-Thick	965	SLV_Ex	Combination		-171.22	-4.2
223	223	Shell-Thick	966	SLV_Ex	Combination		-171.32	-4.69
223	223	Shell-Thick	951	SLV_Ex	Combination		-151.27	-0.68
224	224	Shell-Thick	951	SLU_ENV	Combination	Max	-42.98	-0.16
224	224	Shell-Thick	966	SLU_ENV	Combination	Max	-54.75	-2.52
224	224	Shell-Thick	967	SLU_ENV	Combination	Max	-54.96	-3.59
224	224	Shell-Thick	952	SLU_ENV	Combination	Max	-43.2	-1.23
224	224	Shell-Thick	951	SLU_ENV	Combination	Min	-77.89	-0.49
224	224	Shell-Thick	966	SLU_ENV	Combination	Min	-95.74	-4.06
224	224	Shell-Thick	967	SLU_ENV	Combination	Min	-96.1	-5.86
224	224	Shell-Thick	952	SLU_ENV	Combination	Min	-78.25	-2.28
224	224	Shell-Thick	951	SLV_Ex	Combination		-135.4	2.5
224	224	Shell-Thick	966	SLV_Ex	Combination		-199.23	-10.27
224	224	Shell-Thick	967	SLV_Ex	Combination		-200.95	-18.87
224	224	Shell-Thick	952	SLV_Ex	Combination		-137.12	-6.1
225	225	Shell-Thick	952	SLU_ENV	Combination	Max	-33.51	1.14
225	225	Shell-Thick	967	SLU_ENV	Combination	Max	-78.15	-8.22
225	225	Shell-Thick	298	SLU_ENV	Combination	Max	-77.42	-4.56
225	225	Shell-Thick	271	SLU_ENV	Combination	Max	-32.78	7.35
225	225	Shell-Thick	952	SLU_ENV	Combination	Min	-61.58	0.62
225	225	Shell-Thick	967	SLU_ENV	Combination	Min	-137.4	-14.11
225	225	Shell-Thick	298	SLU_ENV	Combination	Min	-136.33	-8.75
225	225	Shell-Thick	271	SLU_ENV	Combination	Min	-60.5	3.43
225	225	Shell-Thick	952	SLV_Ex	Combination		-90.72	3.18
225	225	Shell-Thick	967	SLV_Ex	Combination		-275.34	-33.75
225	225	Shell-Thick	298	SLV_Ex	Combination		-266.19	11.97
225	225	Shell-Thick	271	SLV_Ex	Combination		-81.58	48.9
227	227	Shell-Thick	767	SLU_ENV	Combination	Max	-122.72	-24.54
227	227	Shell-Thick	766	SLU_ENV	Combination	Max	-87.44	-17.49
227	227	Shell-Thick	968	SLU_ENV	Combination	Max	-83.17	12.51
227	227	Shell-Thick	969	SLU_ENV	Combination	Max	-118.45	-3.23
227	227	Shell-Thick	767	SLU_ENV	Combination	Min	-340.27	-68.05
227	227	Shell-Thick	766	SLU_ENV	Combination	Min	-238.9	-47.78
227	227	Shell-Thick	968	SLU_ENV	Combination	Min	-226.84	3.83
227	227	Shell-Thick	969	SLU_ENV	Combination	Min	-328.21	-7.76
227	227	Shell-Thick	767	SLV_Ex	Combination		-685.13	-137.03
227	227	Shell-Thick	766	SLV_Ex	Combination		-501.78	-100.36
227	227	Shell-Thick	968	SLV_Ex	Combination		-478.3	17.03
227	227	Shell-Thick	969	SLV_Ex	Combination		-661.66	-19.64
228	228	Shell-Thick	969	SLU_ENV	Combination	Max	-96.85	3.17
228	228	Shell-Thick	968	SLU_ENV	Combination	Max	-87.29	10.14

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
228	228	Shell-Thick	970	SLU_ENV	Combination	Max	-87.84	1.87
228	228	Shell-Thick	971	SLU_ENV	Combination	Max	-97.4	-1.64
228	228	Shell-Thick	969	SLU_ENV	Combination	Min	-273.56	1.09
228	228	Shell-Thick	968	SLU_ENV	Combination	Min	-238.69	3.
228	228	Shell-Thick	970	SLU_ENV	Combination	Min	-240.35	0.28
228	228	Shell-Thick	971	SLU_ENV	Combination	Min	-275.22	-5.11
228	228	Shell-Thick	969	SLV_Ex	Combination		-526.56	7.38
228	228	Shell-Thick	968	SLV_Ex	Combination		-488.97	14.89
228	228	Shell-Thick	970	SLV_Ex	Combination		-492.04	-0.41
228	228	Shell-Thick	971	SLV_Ex	Combination		-529.62	-7.93
229	229	Shell-Thick	971	SLU_ENV	Combination	Max	-89.6	-7.612E-02
229	229	Shell-Thick	970	SLU_ENV	Combination	Max	-76.94	7.64
229	229	Shell-Thick	972	SLU_ENV	Combination	Max	-77.48	0.21
229	229	Shell-Thick	973	SLU_ENV	Combination	Max	-90.13	-2.76
229	229	Shell-Thick	971	SLU_ENV	Combination	Min	-253.65	-0.8
229	229	Shell-Thick	970	SLU_ENV	Combination	Min	-211.48	2.46
229	229	Shell-Thick	972	SLU_ENV	Combination	Min	-212.99	-0.36
229	229	Shell-Thick	973	SLU_ENV	Combination	Min	-255.17	-8.36
229	229	Shell-Thick	971	SLV_Ex	Combination		-476.83	2.63
229	229	Shell-Thick	970	SLV_Ex	Combination		-415.17	14.96
229	229	Shell-Thick	972	SLV_Ex	Combination		-418.75	-2.95
229	229	Shell-Thick	973	SLV_Ex	Combination		-480.41	-15.29
230	230	Shell-Thick	973	SLU_ENV	Combination	Max	-80.37	-0.8
230	230	Shell-Thick	972	SLU_ENV	Combination	Max	-72.35	2.73
230	230	Shell-Thick	974	SLU_ENV	Combination	Max	-72.55	9.076E-02
230	230	Shell-Thick	975	SLU_ENV	Combination	Max	-80.57	-1.82
230	230	Shell-Thick	973	SLU_ENV	Combination	Min	-227.32	-2.79
230	230	Shell-Thick	972	SLU_ENV	Combination	Min	-199.7	0.8
230	230	Shell-Thick	974	SLU_ENV	Combination	Min	-200.26	-0.34
230	230	Shell-Thick	975	SLU_ENV	Combination	Min	-227.87	-5.56
230	230	Shell-Thick	973	SLV_Ex	Combination		-413.05	-1.81
230	230	Shell-Thick	972	SLV_Ex	Combination		-372.24	6.35
230	230	Shell-Thick	974	SLV_Ex	Combination		-374.03	-2.58
230	230	Shell-Thick	975	SLV_Ex	Combination		-414.83	-10.74
231	231	Shell-Thick	975	SLU_ENV	Combination	Max	-73.81	-0.46
231	231	Shell-Thick	974	SLU_ENV	Combination	Max	-68.61	2.1
231	231	Shell-Thick	976	SLU_ENV	Combination	Max	-68.77	-3.598E-02
231	231	Shell-Thick	977	SLU_ENV	Combination	Max	-73.97	-1.25
231	231	Shell-Thick	975	SLU_ENV	Combination	Min	-208.65	-1.71
231	231	Shell-Thick	974	SLU_ENV	Combination	Min	-189.6	0.58
231	231	Shell-Thick	976	SLU_ENV	Combination	Min	-190.05	-0.34
231	231	Shell-Thick	977	SLU_ENV	Combination	Min	-209.11	-3.97
231	231	Shell-Thick	975	SLV_Ex	Combination		-359.7	0.29
231	231	Shell-Thick	974	SLV_Ex	Combination		-333.15	5.6
231	231	Shell-Thick	976	SLV_Ex	Combination		-334.91	-3.18
231	231	Shell-Thick	977	SLV_Ex	Combination		-361.46	-8.49
232	232	Shell-Thick	977	SLU_ENV	Combination	Max	-69.51	-0.36
232	232	Shell-Thick	976	SLU_ENV	Combination	Max	-66.07	1.33
232	232	Shell-Thick	978	SLU_ENV	Combination	Max	-66.17	-5.873E-02
232	232	Shell-Thick	979	SLU_ENV	Combination	Max	-69.62	-0.9
232	232	Shell-Thick	977	SLU_ENV	Combination	Min	-196.37	-1.43
232	232	Shell-Thick	976	SLU_ENV	Combination	Min	-182.59	0.33
232	232	Shell-Thick	978	SLU_ENV	Combination	Min	-182.9	-0.33
232	232	Shell-Thick	979	SLU_ENV	Combination	Min	-196.67	-2.93

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
232	232	Shell-Thick	977	SLV_Ex	Combination		-315.98	0.61
232	232	Shell-Thick	976	SLV_Ex	Combination		-299.49	3.91
232	232	Shell-Thick	978	SLV_Ex	Combination		-300.86	-2.97
232	232	Shell-Thick	979	SLV_Ex	Combination		-317.35	-6.27
233	233	Shell-Thick	979	SLU_ENV	Combination	Max	-67.02	-0.38
233	233	Shell-Thick	978	SLU_ENV	Combination	Max	-64.44	0.79
233	233	Shell-Thick	980	SLU_ENV	Combination	Max	-64.48	0.23
233	233	Shell-Thick	981	SLU_ENV	Combination	Max	-67.06	-0.58
233	233	Shell-Thick	979	SLU_ENV	Combination	Min	-189.18	-1.44
233	233	Shell-Thick	978	SLU_ENV	Combination	Min	-178.07	0.14
233	233	Shell-Thick	980	SLU_ENV	Combination	Min	-178.19	-0.11
233	233	Shell-Thick	981	SLU_ENV	Combination	Min	-189.3	-2.03
233	233	Shell-Thick	979	SLV_Ex	Combination		-279.69	1.26
233	233	Shell-Thick	978	SLV_Ex	Combination		-269.07	3.38
233	233	Shell-Thick	980	SLV_Ex	Combination		-270.32	-2.84
233	233	Shell-Thick	981	SLV_Ex	Combination		-280.93	-4.96
234	234	Shell-Thick	981	SLU_ENV	Combination	Max	-65.85	-0.34
234	234	Shell-Thick	980	SLU_ENV	Combination	Max	-63.69	0.64
234	234	Shell-Thick	982	SLU_ENV	Combination	Max	-63.72	0.24
234	234	Shell-Thick	983	SLU_ENV	Combination	Max	-65.88	-0.49
234	234	Shell-Thick	981	SLU_ENV	Combination	Min	-185.81	-1.33
234	234	Shell-Thick	980	SLU_ENV	Combination	Min	-175.94	9.617E-02
234	234	Shell-Thick	982	SLU_ENV	Combination	Min	-176.03	-0.1
234	234	Shell-Thick	983	SLU_ENV	Combination	Min	-185.9	-1.77
234	234	Shell-Thick	981	SLV_Ex	Combination		-248.25	1.58
234	234	Shell-Thick	980	SLV_Ex	Combination		-241.86	2.85
234	234	Shell-Thick	982	SLV_Ex	Combination		-242.97	-2.69
234	234	Shell-Thick	983	SLV_Ex	Combination		-249.36	-3.97
235	235	Shell-Thick	983	SLU_ENV	Combination	Max	-65.92	-0.5
235	235	Shell-Thick	982	SLU_ENV	Combination	Max	-63.77	0.23
235	235	Shell-Thick	984	SLU_ENV	Combination	Max	-63.73	0.65
235	235	Shell-Thick	985	SLU_ENV	Combination	Max	-65.89	-0.33
235	235	Shell-Thick	983	SLU_ENV	Combination	Min	-185.97	-1.79
235	235	Shell-Thick	982	SLU_ENV	Combination	Min	-176.12	-0.12
235	235	Shell-Thick	984	SLU_ENV	Combination	Min	-176.03	0.1
235	235	Shell-Thick	985	SLU_ENV	Combination	Min	-185.87	-1.32
235	235	Shell-Thick	983	SLV_Ex	Combination		-220.28	1.85
235	235	Shell-Thick	982	SLV_Ex	Combination		-216.64	2.58
235	235	Shell-Thick	984	SLV_Ex	Combination		-217.66	-2.55
235	235	Shell-Thick	985	SLV_Ex	Combination		-221.31	-3.28
236	236	Shell-Thick	985	SLU_ENV	Combination	Max	-67.17	-0.58
236	236	Shell-Thick	984	SLU_ENV	Combination	Max	-64.63	0.21
236	236	Shell-Thick	986	SLU_ENV	Combination	Max	-64.59	0.8
236	236	Shell-Thick	987	SLU_ENV	Combination	Max	-67.12	-0.36
236	236	Shell-Thick	985	SLU_ENV	Combination	Min	-189.52	-2.05
236	236	Shell-Thick	984	SLU_ENV	Combination	Min	-178.47	-0.13
236	236	Shell-Thick	986	SLU_ENV	Combination	Min	-178.35	0.14
236	236	Shell-Thick	987	SLU_ENV	Combination	Min	-189.39	-1.41
236	236	Shell-Thick	985	SLV_Ex	Combination		-194.3	2.12
236	236	Shell-Thick	984	SLV_Ex	Combination		-192.98	2.39
236	236	Shell-Thick	986	SLV_Ex	Combination		-193.95	-2.48
236	236	Shell-Thick	987	SLV_Ex	Combination		-195.27	-2.74
237	237	Shell-Thick	987	SLU_ENV	Combination	Max	-69.8	-0.9
237	237	Shell-Thick	986	SLU_ENV	Combination	Max	-66.44	-8.562E-02

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
237	237	Shell-Thick	988	SLU_ENV	Combination	Max	-66.33	1.32
237	237	Shell-Thick	989	SLU_ENV	Combination	Max	-69.69	-0.35
237	237	Shell-Thick	987	SLU_ENV	Combination	Min	-197.03	-2.94
237	237	Shell-Thick	986	SLU_ENV	Combination	Min	-183.39	-0.36
237	237	Shell-Thick	988	SLU_ENV	Combination	Min	-183.09	0.32
237	237	Shell-Thick	989	SLU_ENV	Combination	Min	-196.72	-1.4
237	237	Shell-Thick	987	SLV_Ex	Combination		-169.43	2.43
237	237	Shell-Thick	986	SLV_Ex	Combination		-169.99	2.32
237	237	Shell-Thick	988	SLV_Ex	Combination		-170.95	-2.46
237	237	Shell-Thick	989	SLV_Ex	Combination		-170.38	-2.34
238	238	Shell-Thick	989	SLU_ENV	Combination	Max	-74.24	-1.26
238	238	Shell-Thick	988	SLU_ENV	Combination	Max	-69.18	-7.957E-02
238	238	Shell-Thick	990	SLU_ENV	Combination	Max	-69.02	2.09
238	238	Shell-Thick	991	SLU_ENV	Combination	Max	-74.08	-0.44
238	238	Shell-Thick	989	SLU_ENV	Combination	Min	-209.64	-3.99
238	238	Shell-Thick	988	SLU_ENV	Combination	Min	-190.81	-0.39
238	238	Shell-Thick	990	SLU_ENV	Combination	Min	-190.34	0.57
238	238	Shell-Thick	991	SLU_ENV	Combination	Min	-209.17	-1.68
238	238	Shell-Thick	989	SLV_Ex	Combination		-144.44	2.84
238	238	Shell-Thick	988	SLV_Ex	Combination		-147.35	2.26
238	238	Shell-Thick	990	SLV_Ex	Combination		-148.32	-2.57
238	238	Shell-Thick	991	SLV_Ex	Combination		-145.4	-1.98
239	239	Shell-Thick	991	SLU_ENV	Combination	Max	-80.95	-1.82
239	239	Shell-Thick	990	SLU_ENV	Combination	Max	-73.15	2.576E-02
239	239	Shell-Thick	992	SLU_ENV	Combination	Max	-72.94	2.71
239	239	Shell-Thick	993	SLU_ENV	Combination	Max	-80.75	-0.77
239	239	Shell-Thick	991	SLU_ENV	Combination	Min	-228.62	-5.57
239	239	Shell-Thick	990	SLU_ENV	Combination	Min	-201.37	-0.4
239	239	Shell-Thick	992	SLU_ENV	Combination	Min	-200.8	0.79
239	239	Shell-Thick	993	SLU_ENV	Combination	Min	-228.05	-2.74
239	239	Shell-Thick	991	SLV_Ex	Combination		-118.62	3.37
239	239	Shell-Thick	990	SLV_Ex	Combination		-124.23	2.25
239	239	Shell-Thick	992	SLV_Ex	Combination		-125.24	-2.79
239	239	Shell-Thick	993	SLV_Ex	Combination		-119.62	-1.67
240	240	Shell-Thick	993	SLU_ENV	Combination	Max	-90.66	-2.76
240	240	Shell-Thick	992	SLU_ENV	Combination	Max	-78.4	0.1
240	240	Shell-Thick	994	SLU_ENV	Combination	Max	-77.86	7.51
240	240	Shell-Thick	995	SLU_ENV	Combination	Max	-90.13	-7.405E-02
240	240	Shell-Thick	993	SLU_ENV	Combination	Min	-256.17	-8.36
240	240	Shell-Thick	992	SLU_ENV	Combination	Min	-214.68	-0.47
240	240	Shell-Thick	994	SLU_ENV	Combination	Min	-213.16	2.38
240	240	Shell-Thick	995	SLU_ENV	Combination	Min	-254.66	-0.79
240	240	Shell-Thick	993	SLV_Ex	Combination		-92.66	3.72
240	240	Shell-Thick	992	SLV_Ex	Combination		-98.83	2.49
240	240	Shell-Thick	994	SLV_Ex	Combination		-100.33	-4.97
240	240	Shell-Thick	995	SLV_Ex	Combination		-94.15	-3.74
241	241	Shell-Thick	995	SLU_ENV	Combination	Max	-98.4	-1.73
241	241	Shell-Thick	994	SLU_ENV	Combination	Max	-89.17	1.59
241	241	Shell-Thick	996	SLU_ENV	Combination	Max	-88.62	9.88
241	241	Shell-Thick	997	SLU_ENV	Combination	Max	-97.85	3.03
241	241	Shell-Thick	995	SLU_ENV	Combination	Min	-277.05	-5.27
241	241	Shell-Thick	994	SLU_ENV	Combination	Min	-242.78	0.12
241	241	Shell-Thick	996	SLU_ENV	Combination	Min	-241.12	2.86
241	241	Shell-Thick	997	SLU_ENV	Combination	Min	-275.39	1.01

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
241	241	Shell-Thick	995	SLV_Ex	Combination		-71.86	0.72
241	241	Shell-Thick	994	SLV_Ex	Combination		-69.25	1.24
241	241	Shell-Thick	996	SLV_Ex	Combination		-69.23	1.37
241	241	Shell-Thick	997	SLV_Ex	Combination		-71.83	0.85
242	242	Shell-Thick	997	SLU_ENV	Combination	Max	-121.16	-3.65
242	242	Shell-Thick	996	SLU_ENV	Combination	Max	-84.64	12.21
242	242	Shell-Thick	599	SLU_ENV	Combination	Max	-88.93	-17.79
242	242	Shell-Thick	600	SLU_ENV	Combination	Max	-125.44	-25.09
242	242	Shell-Thick	997	SLU_ENV	Combination	Min	-333.06	-8.5
242	242	Shell-Thick	996	SLU_ENV	Combination	Min	-229.5	3.66
242	242	Shell-Thick	599	SLU_ENV	Combination	Min	-241.61	-48.32
242	242	Shell-Thick	600	SLU_ENV	Combination	Min	-345.16	-69.03
242	242	Shell-Thick	997	SLV_Ex	Combination		-40.63	7.09
242	242	Shell-Thick	996	SLV_Ex	Combination		-49.04	5.41
242	242	Shell-Thick	599	SLV_Ex	Combination		-52.21	-10.44
242	242	Shell-Thick	600	SLV_Ex	Combination		-43.8	-8.76
243	243	Shell-Thick	766	SLU_ENV	Combination	Max	-87.44	-17.49
243	243	Shell-Thick	765	SLU_ENV	Combination	Max	-77.38	-15.48
243	243	Shell-Thick	774	SLU_ENV	Combination	Max	-74.31	5.2
243	243	Shell-Thick	968	SLU_ENV	Combination	Max	-84.37	-1.32
243	243	Shell-Thick	766	SLU_ENV	Combination	Min	-238.9	-47.78
243	243	Shell-Thick	765	SLU_ENV	Combination	Min	-200.92	-40.18
243	243	Shell-Thick	774	SLU_ENV	Combination	Min	-191.88	-0.35
243	243	Shell-Thick	968	SLU_ENV	Combination	Min	-229.86	-3.43
243	243	Shell-Thick	766	SLV_Ex	Combination		-501.78	-100.36
243	243	Shell-Thick	765	SLV_Ex	Combination		-468.4	-93.68
243	243	Shell-Thick	774	SLV_Ex	Combination		-451.48	-9.05
243	243	Shell-Thick	968	SLV_Ex	Combination		-484.85	-15.72
244	244	Shell-Thick	968	SLU_ENV	Combination	Max	-88.49	-2.97
244	244	Shell-Thick	774	SLU_ENV	Combination	Max	-64.1	9.57
244	244	Shell-Thick	776	SLU_ENV	Combination	Max	-64.32	3.6
244	244	Shell-Thick	970	SLU_ENV	Combination	Max	-88.71	-4.06
244	244	Shell-Thick	968	SLU_ENV	Combination	Min	-241.72	-4.97
244	244	Shell-Thick	774	SLU_ENV	Combination	Min	-168.98	1.9
244	244	Shell-Thick	776	SLU_ENV	Combination	Min	-170.17	0.82
244	244	Shell-Thick	970	SLU_ENV	Combination	Min	-242.91	-10.95
244	244	Shell-Thick	968	SLV_Ex	Combination		-495.53	-17.86
244	244	Shell-Thick	774	SLV_Ex	Combination		-373.16	6.62
244	244	Shell-Thick	776	SLV_Ex	Combination		-373.64	4.17
244	244	Shell-Thick	970	SLV_Ex	Combination		-496.02	-20.31
245	245	Shell-Thick	970	SLU_ENV	Combination	Max	-77.81	-1.88
245	245	Shell-Thick	776	SLU_ENV	Combination	Max	-63.93	3.48
245	245	Shell-Thick	778	SLU_ENV	Combination	Max	-64.35	-1.19
245	245	Shell-Thick	972	SLU_ENV	Combination	Max	-78.23	-3.96
245	245	Shell-Thick	970	SLU_ENV	Combination	Min	-214.04	-5.18
245	245	Shell-Thick	776	SLU_ENV	Combination	Min	-170.75	0.9
245	245	Shell-Thick	778	SLU_ENV	Combination	Min	-171.92	-2.37
245	245	Shell-Thick	972	SLU_ENV	Combination	Min	-215.21	-11.03
245	245	Shell-Thick	970	SLV_Ex	Combination		-419.15	-4.94
245	245	Shell-Thick	776	SLV_Ex	Combination		-350.8	8.73
245	245	Shell-Thick	778	SLV_Ex	Combination		-353.86	-6.54
245	245	Shell-Thick	972	SLV_Ex	Combination		-422.21	-20.21
246	246	Shell-Thick	972	SLU_ENV	Combination	Max	-73.1	-2.94
246	246	Shell-Thick	778	SLU_ENV	Combination	Max	-62.79	-0.88



Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
246	246	Shell-Thick	780	SLU_ENV	Combination	Max	-62.82	-1.
246	246	Shell-Thick	974	SLU_ENV	Combination	Max	-73.12	-3.06
246	246	Shell-Thick	972	SLU_ENV	Combination	Min	-201.92	-8.37
246	246	Shell-Thick	778	SLU_ENV	Combination	Min	-168.65	-1.72
246	246	Shell-Thick	780	SLU_ENV	Combination	Min	-168.73	-2.15
246	246	Shell-Thick	974	SLU_ENV	Combination	Min	-202.01	-8.8
246	246	Shell-Thick	972	SLV_Ex	Combination		-375.7	-10.91
246	246	Shell-Thick	778	SLV_Ex	Combination		-324.64	-0.7
246	246	Shell-Thick	780	SLV_Ex	Combination		-325.71	-6.08
246	246	Shell-Thick	974	SLV_Ex	Combination		-376.77	-16.29
247	247	Shell-Thick	974	SLU_ENV	Combination	Max	-69.18	-2.27
247	247	Shell-Thick	780	SLU_ENV	Combination	Max	-61.99	-0.83
247	247	Shell-Thick	782	SLU_ENV	Combination	Max	-62.02	-0.95
247	247	Shell-Thick	976	SLU_ENV	Combination	Max	-69.21	-2.39
247	247	Shell-Thick	974	SLU_ENV	Combination	Min	-191.35	-6.67
247	247	Shell-Thick	780	SLU_ENV	Combination	Min	-167.06	-1.81
247	247	Shell-Thick	782	SLU_ENV	Combination	Min	-167.13	-2.16
247	247	Shell-Thick	976	SLU_ENV	Combination	Min	-191.42	-7.01
247	247	Shell-Thick	974	SLV_Ex	Combination		-335.89	-8.11
247	247	Shell-Thick	780	SLV_Ex	Combination		-301.24	-1.18
247	247	Shell-Thick	782	SLV_Ex	Combination		-302.14	-5.69
247	247	Shell-Thick	976	SLV_Ex	Combination		-336.79	-12.62
248	248	Shell-Thick	976	SLU_ENV	Combination	Max	-66.5	-1.85
248	248	Shell-Thick	782	SLU_ENV	Combination	Max	-61.17	-0.78
248	248	Shell-Thick	784	SLU_ENV	Combination	Max	-61.16	-0.71
248	248	Shell-Thick	978	SLU_ENV	Combination	Max	-66.49	-1.78
248	248	Shell-Thick	976	SLU_ENV	Combination	Min	-183.97	-5.52
248	248	Shell-Thick	782	SLU_ENV	Combination	Min	-165.09	-1.75
248	248	Shell-Thick	784	SLU_ENV	Combination	Min	-165.06	-1.59
248	248	Shell-Thick	978	SLU_ENV	Combination	Min	-183.93	-5.37
248	248	Shell-Thick	976	SLV_Ex	Combination		-301.37	-5.53
248	248	Shell-Thick	782	SLV_Ex	Combination		-277.33	-0.72
248	248	Shell-Thick	784	SLV_Ex	Combination		-278.16	-4.86
248	248	Shell-Thick	978	SLV_Ex	Combination		-302.2	-9.67
249	249	Shell-Thick	978	SLU_ENV	Combination	Max	-64.76	-1.43
249	249	Shell-Thick	784	SLU_ENV	Combination	Max	-60.59	-0.6
249	249	Shell-Thick	786	SLU_ENV	Combination	Max	-60.61	-0.69
249	249	Shell-Thick	980	SLU_ENV	Combination	Max	-64.77	-1.52
249	249	Shell-Thick	978	SLU_ENV	Combination	Min	-179.11	-4.4
249	249	Shell-Thick	784	SLU_ENV	Combination	Min	-163.61	-1.3
249	249	Shell-Thick	786	SLU_ENV	Combination	Min	-163.66	-1.56
249	249	Shell-Thick	980	SLU_ENV	Combination	Min	-179.16	-4.66
249	249	Shell-Thick	978	SLV_Ex	Combination		-270.41	-3.31
249	249	Shell-Thick	784	SLV_Ex	Combination		-254.51	-0.13
249	249	Shell-Thick	786	SLV_Ex	Combination		-255.33	-4.23
249	249	Shell-Thick	980	SLV_Ex	Combination		-271.23	-7.41
250	250	Shell-Thick	980	SLU_ENV	Combination	Max	-63.98	-1.36
250	250	Shell-Thick	786	SLU_ENV	Combination	Max	-60.31	-0.63
250	250	Shell-Thick	788	SLU_ENV	Combination	Max	-60.29	-0.54
250	250	Shell-Thick	982	SLU_ENV	Combination	Max	-63.96	-1.28
250	250	Shell-Thick	980	SLU_ENV	Combination	Min	-176.91	-4.21
250	250	Shell-Thick	786	SLU_ENV	Combination	Min	-162.87	-1.41
250	250	Shell-Thick	788	SLU_ENV	Combination	Min	-162.83	-1.18
250	250	Shell-Thick	982	SLU_ENV	Combination	Min	-176.86	-3.99

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
250	250	Shell-Thick	980	SLV_Ex	Combination		-242.78	-1.72
250	250	Shell-Thick	786	SLV_Ex	Combination		-232.26	0.38
250	250	Shell-Thick	788	SLV_Ex	Combination		-233.04	-3.55
250	250	Shell-Thick	982	SLV_Ex	Combination		-243.56	-5.66
251	251	Shell-Thick	982	SLU_ENV	Combination	Max	-64.01	-1.29
251	251	Shell-Thick	788	SLU_ENV	Combination	Max	-60.35	-0.55
251	251	Shell-Thick	790	SLU_ENV	Combination	Max	-60.37	-0.63
251	251	Shell-Thick	984	SLU_ENV	Combination	Max	-64.03	-1.36
251	251	Shell-Thick	982	SLU_ENV	Combination	Min	-176.96	-4.01
251	251	Shell-Thick	788	SLU_ENV	Combination	Min	-162.93	-1.2
251	251	Shell-Thick	790	SLU_ENV	Combination	Min	-162.97	-1.39
251	251	Shell-Thick	984	SLU_ENV	Combination	Min	-177.	-4.2
251	251	Shell-Thick	982	SLV_Ex	Combination		-217.23	-0.39
251	251	Shell-Thick	788	SLV_Ex	Combination		-211.03	0.85
251	251	Shell-Thick	790	SLV_Ex	Combination		-211.8	-3.01
251	251	Shell-Thick	984	SLV_Ex	Combination		-218.	-4.25
252	252	Shell-Thick	984	SLU_ENV	Combination	Max	-64.92	-1.54
252	252	Shell-Thick	790	SLU_ENV	Combination	Max	-60.78	-0.71
252	252	Shell-Thick	792	SLU_ENV	Combination	Max	-60.76	-0.6
252	252	Shell-Thick	986	SLU_ENV	Combination	Max	-64.9	-1.43
252	252	Shell-Thick	984	SLU_ENV	Combination	Min	-179.44	-4.69
252	252	Shell-Thick	790	SLU_ENV	Combination	Min	-163.98	-1.6
252	252	Shell-Thick	792	SLU_ENV	Combination	Min	-163.92	-1.31
252	252	Shell-Thick	986	SLU_ENV	Combination	Min	-179.39	-4.4
252	252	Shell-Thick	984	SLV_Ex	Combination		-193.32	0.69
252	252	Shell-Thick	790	SLV_Ex	Combination		-190.4	1.27
252	252	Shell-Thick	792	SLV_Ex	Combination		-191.15	-2.48
252	252	Shell-Thick	986	SLV_Ex	Combination		-194.07	-3.07
253	253	Shell-Thick	986	SLU_ENV	Combination	Max	-66.76	-1.8
253	253	Shell-Thick	792	SLU_ENV	Combination	Max	-61.46	-0.74
253	253	Shell-Thick	794	SLU_ENV	Combination	Max	-61.47	-0.79
253	253	Shell-Thick	988	SLU_ENV	Combination	Max	-66.77	-1.85
253	253	Shell-Thick	986	SLU_ENV	Combination	Min	-184.43	-5.41
253	253	Shell-Thick	792	SLU_ENV	Combination	Min	-165.61	-1.65
253	253	Shell-Thick	794	SLU_ENV	Combination	Min	-165.64	-1.77
253	253	Shell-Thick	988	SLU_ENV	Combination	Min	-184.46	-5.53
253	253	Shell-Thick	986	SLV_Ex	Combination		-170.11	1.73
253	253	Shell-Thick	792	SLV_Ex	Combination		-170.48	1.65
253	253	Shell-Thick	794	SLV_Ex	Combination		-171.2	-1.97
253	253	Shell-Thick	988	SLV_Ex	Combination		-170.83	-1.9
254	254	Shell-Thick	988	SLU_ENV	Combination	Max	-69.62	-2.42
254	254	Shell-Thick	794	SLU_ENV	Combination	Max	-62.48	-1.
254	254	Shell-Thick	796	SLU_ENV	Combination	Max	-62.45	-0.87
254	254	Shell-Thick	990	SLU_ENV	Combination	Max	-69.59	-2.3
254	254	Shell-Thick	988	SLU_ENV	Combination	Min	-192.18	-7.08
254	254	Shell-Thick	794	SLU_ENV	Combination	Min	-167.96	-2.23
254	254	Shell-Thick	796	SLU_ENV	Combination	Min	-167.89	-1.87
254	254	Shell-Thick	990	SLU_ENV	Combination	Min	-192.1	-6.72
254	254	Shell-Thick	988	SLV_Ex	Combination		-147.24	2.82
254	254	Shell-Thick	794	SLV_Ex	Combination		-150.66	2.14
254	254	Shell-Thick	796	SLV_Ex	Combination		-151.4	-1.59
254	254	Shell-Thick	990	SLV_Ex	Combination		-147.99	-0.9
255	255	Shell-Thick	990	SLU_ENV	Combination	Max	-73.73	-3.12
255	255	Shell-Thick	796	SLU_ENV	Combination	Max	-63.47	-1.07

Table: Element Forces - Area Shells, Part 1 of 5

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	StepType	F11 KN/m	F22 KN/m
255	255	Shell-Thick	798	SLU_ENV	Combination	Max	-63.45	-0.96
255	255	Shell-Thick	992	SLU_ENV	Combination	Max	-73.7	-3.01
255	255	Shell-Thick	990	SLU_ENV	Combination	Min	-203.13	-8.92
255	255	Shell-Thick	796	SLU_ENV	Combination	Min	-169.92	-2.28
255	255	Shell-Thick	798	SLU_ENV	Combination	Min	-169.83	-1.85
255	255	Shell-Thick	992	SLU_ENV	Combination	Min	-203.04	-8.5
255	255	Shell-Thick	990	SLV_Ex	Combination		-123.9	3.91
255	255	Shell-Thick	796	SLV_Ex	Combination		-130.91	2.51
255	255	Shell-Thick	798	SLV_Ex	Combination		-131.71	-1.5
255	255	Shell-Thick	992	SLV_Ex	Combination		-124.7	-0.1
256	256	Shell-Thick	992	SLU_ENV	Combination	Max	-79.16	-4.1
256	256	Shell-Thick	798	SLU_ENV	Combination	Max	-65.24	-1.32
256	256	Shell-Thick	800	SLU_ENV	Combination	Max	-64.83	3.21
256	256	Shell-Thick	994	SLU_ENV	Combination	Max	-78.75	-2.04
256	256	Shell-Thick	992	SLU_ENV	Combination	Min	-216.92	-11.27
256	256	Shell-Thick	798	SLU_ENV	Combination	Min	-173.55	-2.6
256	256	Shell-Thick	800	SLU_ENV	Combination	Min	-172.39	0.74
256	256	Shell-Thick	994	SLU_ENV	Combination	Min	-215.76	-5.47
256	256	Shell-Thick	992	SLV_Ex	Combination		-98.3	5.18
256	256	Shell-Thick	798	SLV_Ex	Combination		-109.76	2.89
256	256	Shell-Thick	800	SLV_Ex	Combination		-111.17	-4.17
256	256	Shell-Thick	994	SLV_Ex	Combination		-99.71	-1.87
257	257	Shell-Thick	994	SLU_ENV	Combination	Max	-90.06	-4.31
257	257	Shell-Thick	800	SLU_ENV	Combination	Max	-65.44	3.24
257	257	Shell-Thick	802	SLU_ENV	Combination	Max	-65.34	8.12
257	257	Shell-Thick	996	SLU_ENV	Combination	Max	-89.97	-3.85
257	257	Shell-Thick	994	SLU_ENV	Combination	Min	-245.37	-11.39
257	257	Shell-Thick	800	SLU_ENV	Combination	Min	-172.2	0.62
257	257	Shell-Thick	802	SLU_ENV	Combination	Min	-171.22	1.07
257	257	Shell-Thick	996	SLU_ENV	Combination	Min	-244.4	-6.51
257	257	Shell-Thick	994	SLV_Ex	Combination		-68.63	4.34
257	257	Shell-Thick	800	SLV_Ex	Combination		-83.74	1.32
257	257	Shell-Thick	802	SLV_Ex	Combination		-84.39	-1.9
257	257	Shell-Thick	996	SLV_Ex	Combination		-69.28	1.12
258	258	Shell-Thick	996	SLU_ENV	Combination	Max	-85.98	-2.55
258	258	Shell-Thick	802	SLU_ENV	Combination	Max	-76.18	3.88
258	258	Shell-Thick	598	SLU_ENV	Combination	Max	-79.13	-15.83
258	258	Shell-Thick	599	SLU_ENV	Combination	Max	-88.93	-17.79
258	258	Shell-Thick	996	SLU_ENV	Combination	Min	-232.78	-4.69
258	258	Shell-Thick	802	SLU_ENV	Combination	Min	-195.31	-1.67
258	258	Shell-Thick	598	SLU_ENV	Combination	Min	-204.14	-40.83
258	258	Shell-Thick	599	SLU_ENV	Combination	Min	-241.61	-48.32
258	258	Shell-Thick	996	SLV_Ex	Combination		-49.09	5.16
258	258	Shell-Thick	802	SLV_Ex	Combination		-13.79	12.22
258	258	Shell-Thick	598	SLV_Ex	Combination		-16.91	-3.38
258	258	Shell-Thick	599	SLV_Ex	Combination		-52.21	-10.44

Table: Element Forces - Area Shells, Part 2 of 5

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
1	1	579	SLU_ENV	Max	-329.48	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
1	1	561	SLU_ENV	Max	-361.75	0.	0.	0.
1	1	596	SLU_ENV	Max	296.24	0.	0.	0.
1	1	597	SLU_ENV	Max	308.08	0.	0.	0.
1	1	579	SLU_ENV	Min	-662.24	0.	0.	0.
1	1	561	SLU_ENV	Min	-674.07	0.	0.	0.
1	1	596	SLU_ENV	Min	159.49	0.	0.	0.
1	1	597	SLU_ENV	Min	191.75	0.	0.	0.
1	1	579	SLV_Ex		568.81	1573.43	-34.06	67.476
1	1	561	SLV_Ex		629.06	1401.4	-165.26	63.288
1	1	596	SLV_Ex		-294.94	1113.77	-144.62	-76.023
1	1	597	SLV_Ex		-355.19	1382.92	-110.55	-75.799
2	2	561	SLU_ENV	Max	-68.14	0.	0.	0.
2	2	543	SLU_ENV	Max	87.09	0.	0.	0.
2	2	595	SLU_ENV	Max	355.9	0.	0.	0.
2	2	596	SLU_ENV	Max	169.95	0.	0.	0.
2	2	561	SLU_ENV	Min	-276.79	0.	0.	0.
2	2	543	SLU_ENV	Min	-90.84	0.	0.	0.
2	2	595	SLU_ENV	Min	228.53	0.	0.	0.
2	2	596	SLU_ENV	Min	73.31	0.	0.	0.
2	2	561	SLV_Ex		479.12	1250.73	-153.09	68.477
2	2	543	SLV_Ex		270.29	1887.56	149.31	80.941
2	2	595	SLV_Ex		-395.51	1902.	-28.45	-77.905
2	2	596	SLV_Ex		-186.67	1064.47	-130.15	-80.894
3	3	597	SLU_ENV	Max	243.7	0.	0.	0.
3	3	596	SLU_ENV	Max	176.88	0.	0.	0.
3	3	599	SLU_ENV	Max	24.84	0.	0.	0.
3	3	600	SLU_ENV	Max	73.69	0.	0.	0.
3	3	597	SLU_ENV	Min	76.75	0.	0.	0.
3	3	596	SLU_ENV	Min	90.82	0.	0.	0.
3	3	599	SLU_ENV	Min	-1.48	0.	0.	0.
3	3	600	SLU_ENV	Min	2.43	0.	0.	0.
3	3	597	SLV_Ex		-144.6	968.88	-109.21	-82.22
3	3	596	SLV_Ex		-155.01	1554.32	12.69	-84.199
3	3	599	SLV_Ex		-13.1	1596.89	319.22	-89.413
3	3	600	SLV_Ex		-2.68	1007.32	201.45	-89.809
4	4	596	SLU_ENV	Max	64.77	0.	0.	0.
4	4	595	SLU_ENV	Max	-132.42	0.	0.	0.
4	4	598	SLU_ENV	Max	-158.79	0.	0.	0.
4	4	599	SLU_ENV	Max	24.84	0.	0.	0.
4	4	596	SLU_ENV	Min	-9.54	0.	0.	0.
4	4	595	SLU_ENV	Min	-304.75	0.	0.	0.
4	4	598	SLU_ENV	Min	-310.24	0.	0.	0.
4	4	599	SLU_ENV	Min	-1.48	0.	0.	0.
4	4	596	SLV_Ex		-46.74	1534.19	-2.02	-88.255
4	4	595	SLV_Ex		274.81	1718.	-17.15	80.767
4	4	598	SLV_Ex		308.46	1802.7	282.08	78.032
4	4	599	SLV_Ex		-13.1	1596.89	319.22	-89.413
5	5	633	SLU_ENV	Max	-30.95	0.	0.	0.
5	5	617	SLU_ENV	Max	-150.49	0.	0.	0.
5	5	650	SLU_ENV	Max	94.73	0.	0.	0.
5	5	651	SLU_ENV	Max	232.85	0.	0.	0.
5	5	633	SLU_ENV	Min	-158.5	0.	0.	0.
5	5	617	SLU_ENV	Min	-296.62	0.	0.	0.
5	5	650	SLU_ENV	Min	4.74	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
5	5	651	SLU_ENV	Min	124.28	0.	0.	0.
5	5	633	SLV_Ex		91.71	-152.65	-1969.59	2.897
5	5	617	SLV_Ex		249.95	95.13	-1048.11	12.965
5	5	650	SLV_Ex		-128.7	102.55	-995.93	-6.776
5	5	651	SLV_Ex		-286.93	-64.08	-1998.56	-8.628
7	7	651	SLU_ENV	Max	-123.56	0.	0.	0.
7	7	650	SLU_ENV	Max	-7.06	0.	0.	0.
7	7	653	SLU_ENV	Max	26.42	0.	0.	0.
7	7	654	SLU_ENV	Max	-98.99	0.	0.	0.
7	7	651	SLU_ENV	Min	-283.61	0.	0.	0.
7	7	650	SLU_ENV	Min	-79.89	0.	0.	0.
7	7	653	SLU_ENV	Min	1.13	0.	0.	0.
7	7	654	SLU_ENV	Min	-193.68	0.	0.	0.
7	7	651	SLV_Ex		253.	-11.64	-1706.92	8.683
7	7	650	SLV_Ex		31.59	-18.88	-1515.34	1.21
7	7	653	SLV_Ex		-20.19	-314.42	-1574.03	-0.919
7	7	654	SLV_Ex		201.21	-316.76	-1756.02	8.118
8	8	657	SLU_ENV	Max	282.1	0.	0.	0.
8	8	649	SLU_ENV	Max	32.02	0.	0.	0.
8	8	652	SLU_ENV	Max	-5.12	0.	0.	0.
8	8	653	SLU_ENV	Max	241.49	0.	0.	0.
8	8	657	SLU_ENV	Min	144.88	0.	0.	0.
8	8	649	SLU_ENV	Min	-59.78	0.	0.	0.
8	8	652	SLU_ENV	Min	-77.33	0.	0.	0.
8	8	653	SLU_ENV	Min	134.36	0.	0.	0.
8	8	657	SLV_Ex		-273.96	23.62	-1570.62	-10.051
8	8	649	SLV_Ex		61.45	110.43	-868.47	3.606
8	8	652	SLV_Ex		86.55	-174.87	-939.34	6.544
8	8	653	SLV_Ex		-251.06	-268.21	-1633.55	-10.789
9	9	692	SLU_ENV	Max	25.28	0.	0.	0.
9	9	676	SLU_ENV	Max	-92.74	0.	0.	0.
9	9	709	SLU_ENV	Max	48.03	0.	0.	0.
9	9	710	SLU_ENV	Max	181.45	0.	0.	0.
9	9	692	SLU_ENV	Min	-116.94	0.	0.	0.
9	9	676	SLU_ENV	Min	-250.37	0.	0.	0.
9	9	709	SLU_ENV	Min	-50.25	0.	0.	0.
9	9	710	SLU_ENV	Min	67.77	0.	0.	0.
9	9	692	SLV_Ex		-412.93	3040.81	337.18	-81.107
9	9	676	SLV_Ex		-788.87	1890.76	-235.75	-66.051
9	9	709	SLV_Ex		212.33	1509.69	-199.55	82.807
9	9	710	SLV_Ex		588.27	3037.13	-3.99	78.62
10	10	676	SLU_ENV	Max	-247.14	0.	0.	0.
10	10	660	SLU_ENV	Max	-188.65	0.	0.	0.
10	10	708	SLU_ENV	Max	302.26	0.	0.	0.
10	10	709	SLU_ENV	Max	218.43	0.	0.	0.
10	10	676	SLU_ENV	Min	-386.77	0.	0.	0.
10	10	660	SLU_ENV	Min	-326.39	0.	0.	0.
10	10	708	SLU_ENV	Min	172.56	0.	0.	0.
10	10	709	SLU_ENV	Min	137.51	0.	0.	0.
10	10	676	SLV_Ex		-1320.4	2464.59	-422.99	-56.93
10	10	660	SLV_Ex		-1032.25	2124.11	-207.88	-58.856
10	10	708	SLV_Ex		913.75	1818.38	-560.95	64.909
10	10	709	SLV_Ex		625.6	1709.81	-327.	71.05
11	11	710	SLU_ENV	Max	-142.06	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
11	11	709	SLU_ENV	Max	11.57	0.	0.	0.
11	11	712	SLU_ENV	Max	77.47	0.	0.	0.
11	11	713	SLU_ENV	Max	-107.61	0.	0.	0.
11	11	710	SLU_ENV	Min	-340.76	0.	0.	0.
11	11	709	SLU_ENV	Min	-42.36	0.	0.	0.
11	11	712	SLU_ENV	Min	41.73	0.	0.	0.
11	11	713	SLU_ENV	Min	-225.22	0.	0.	0.
11	11	710	SLV_Ex		-562.89	3227.25	52.34	-79.616
11	11	709	SLV_Ex		60.28	2608.34	50.63	88.649
11	11	712	SLV_Ex		165.16	2717.23	528.41	85.66
11	11	713	SLV_Ex		-458.02	3300.85	565.41	-80.218
12	12	709	SLU_ENV	Max	212.93	0.	0.	0.
12	12	708	SLU_ENV	Max	164.6	0.	0.	0.
12	12	711	SLU_ENV	Max	43.94	0.	0.	0.
12	12	712	SLU_ENV	Max	77.47	0.	0.	0.
12	12	709	SLU_ENV	Min	114.43	0.	0.	0.
12	12	708	SLU_ENV	Min	46.53	0.	0.	0.
12	12	711	SLU_ENV	Min	-40.98	0.	0.	0.
12	12	712	SLU_ENV	Min	41.73	0.	0.	0.
12	12	709	SLV_Ex		473.55	2705.52	26.12	79.65
12	12	708	SLV_Ex		110.69	1337.51	-153.61	85.731
12	12	711	SLV_Ex		-197.71	1448.46	249.44	-80.372
12	12	712	SLV_Ex		165.16	2717.23	528.41	85.66
13	13	746	SLU_ENV	Max	-282.95	0.	0.	0.
13	13	730	SLU_ENV	Max	-312.35	0.	0.	0.
13	13	763	SLU_ENV	Max	225.12	0.	0.	0.
13	13	764	SLU_ENV	Max	241.62	0.	0.	0.
13	13	746	SLU_ENV	Min	-567.44	0.	0.	0.
13	13	730	SLU_ENV	Min	-578.02	0.	0.	0.
13	13	763	SLU_ENV	Min	127.12	0.	0.	0.
13	13	764	SLU_ENV	Min	150.6	0.	0.	0.
13	13	746	SLV_Ex		-1101.93	123.94	-3028.34	-22.179
13	13	730	SLV_Ex		-1260.35	401.29	-2742.22	-26.655
13	13	763	SLV_Ex		587.69	236.75	-2197.49	14.436
13	13	764	SLV_Ex		746.11	196.78	-2720.99	15.379
15	15	764	SLU_ENV	Max	175.34	0.	0.	0.
15	15	763	SLU_ENV	Max	209.82	0.	0.	0.
15	15	766	SLU_ENV	Max	72.3	0.	0.	0.
15	15	767	SLU_ENV	Max	43.14	0.	0.	0.
15	15	764	SLU_ENV	Min	51.09	0.	0.	0.
15	15	763	SLU_ENV	Min	99.81	0.	0.	0.
15	15	766	SLU_ENV	Min	39.66	0.	0.	0.
15	15	767	SLU_ENV	Min	-14.36	0.	0.	0.
15	15	764	SLV_Ex		136.73	91.75	-2066.97	3.639
15	15	763	SLV_Ex		398.39	-125.56	-3396.88	7.048
15	15	766	SLV_Ex		160.08	-680.89	-3459.94	3.308
15	15	767	SLV_Ex		-101.58	-426.32	-2167.28	-3.351
16	16	770	SLU_ENV	Max	20.08	0.	0.	0.
16	16	762	SLU_ENV	Max	-152.7	0.	0.	0.
16	16	765	SLU_ENV	Max	-122.61	0.	0.	0.
16	16	766	SLU_ENV	Max	64.8	0.	0.	0.
16	16	770	SLU_ENV	Min	-66.	0.	0.	0.
16	16	762	SLU_ENV	Min	-302.34	0.	0.	0.
16	16	765	SLU_ENV	Min	-233.41	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
16	16	766	SLU_ENV	Min	-15.82	0.	0.	0.
16	16	770	SLV_Ex		126.45	-165.29	-3400.93	2.241
16	16	762	SLV_Ex		-659.91	-156.37	-4023.25	-9.979
16	16	765	SLV_Ex		-538.83	-717.18	-4093.23	-9.308
16	16	766	SLV_Ex		243.67	-680.99	-3509.31	4.961
18	18	617	SLU_ENV	Max	1364.5	0.	0.	0.
18	18	771	SLU_ENV	Max	1065.94	0.	0.	0.
18	18	657	SLU_ENV	Max	-118.33	0.	0.	0.
18	18	650	SLU_ENV	Max	114.06	0.	0.	0.
18	18	617	SLU_ENV	Min	451.32	0.	0.	0.
18	18	771	SLU_ENV	Min	253.42	0.	0.	0.
18	18	657	SLU_ENV	Min	-264.54	0.	0.	0.
18	18	650	SLU_ENV	Min	-0.46	0.	0.	0.
18	18	617	SLV_Ex		-1592.87	1440.29	-1997.48	-33.962
18	18	771	SLV_Ex		-1176.08	1089.31	-1570.24	-31.09
18	18	657	SLV_Ex		657.52	-176.	-1553.18	36.361
18	18	650	SLV_Ex		240.74	-569.82	-1235.62	23.158
19	19	771	SLU_ENV	Max	-238.26	0.	0.	0.
19	19	601	SLU_ENV	Max	18.61	0.	0.	0.
19	19	649	SLU_ENV	Max	231.97	0.	0.	0.
19	19	657	SLU_ENV	Max	-74.74	0.	0.	0.
19	19	771	SLU_ENV	Min	-396.78	0.	0.	0.
19	19	601	SLU_ENV	Min	-50.81	0.	0.	0.
19	19	649	SLU_ENV	Min	143.04	0.	0.	0.
19	19	657	SLU_ENV	Min	-153.11	0.	0.	0.
19	19	771	SLV_Ex		531.83	133.04	-1220.39	25.902
19	19	601	SLV_Ex		26.61	-214.74	-1413.27	1.273
19	19	649	SLV_Ex		-293.98	69.11	-1427.97	-11.562
19	19	657	SLV_Ex		211.24	141.23	-959.42	11.286
20	20	730	SLU_ENV	Max	-1005.6	0.	0.	0.
20	20	772	SLU_ENV	Max	-1132.23	0.	0.	0.
20	20	770	SLU_ENV	Max	510.03	0.	0.	0.
20	20	763	SLU_ENV	Max	646.81	0.	0.	0.
20	20	730	SLU_ENV	Min	-2504.21	0.	0.	0.
20	20	772	SLU_ENV	Min	-2641.	0.	0.	0.
20	20	770	SLU_ENV	Min	178.5	0.	0.	0.
20	20	763	SLU_ENV	Min	305.13	0.	0.	0.
20	20	730	SLV_Ex		-3142.04	2586.75	-4140.99	-34.538
20	20	772	SLV_Ex		-3847.81	3348.27	-4668.6	-36.862
20	20	770	SLV_Ex		-7.06	-1080.91	-2092.4	-0.4
20	20	763	SLV_Ex		698.71	-793.19	-2614.04	25.063
21	21	772	SLU_ENV	Max	57.84	0.	0.	0.
21	21	714	SLU_ENV	Max	346.51	0.	0.	0.
21	21	762	SLU_ENV	Max	218.67	0.	0.	0.
21	21	770	SLU_ENV	Max	-67.49	0.	0.	0.
21	21	772	SLU_ENV	Min	-117.26	0.	0.	0.
21	21	714	SLU_ENV	Min	158.97	0.	0.	0.
21	21	762	SLU_ENV	Min	138.37	0.	0.	0.
21	21	770	SLU_ENV	Min	-140.38	0.	0.	0.
21	21	772	SLV_Ex		-563.68	354.16	-1979.55	-14.443
21	21	714	SLV_Ex		591.53	-166.01	-4236.44	8.448
21	21	762	SLV_Ex		677.68	-208.47	-4278.87	9.725
21	21	770	SLV_Ex		-477.53	247.05	-1957.33	-12.837
34	34	765	SLU_ENV	Max	39.13	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
34	34	325	SLU_ENV	Max	37.37	0.	0.	0.
34	34	773	SLU_ENV	Max	21.86	0.	0.	0.
34	34	774	SLU_ENV	Max	23.61	0.	0.	0.
34	34	765	SLU_ENV	Min	18.4	0.	0.	0.
34	34	325	SLU_ENV	Min	17.27	0.	0.	0.
34	34	773	SLU_ENV	Min	10.33	0.	0.	0.
34	34	774	SLU_ENV	Min	11.46	0.	0.	0.
34	34	765	SLV_Ex		115.88	-5.56	-486.5	75.595
34	34	325	SLV_Ex		110.06	61.79	-247.39	67.302
34	34	773	SLV_Ex		70.74	30.62	-224.12	73.132
34	34	774	SLV_Ex		76.56	-28.26	-471.69	79.9
35	35	774	SLU_ENV	Max	37.65	0.	0.	0.
35	35	773	SLU_ENV	Max	27.64	0.	0.	0.
35	35	775	SLU_ENV	Max	27.62	0.	0.	0.
35	35	776	SLU_ENV	Max	37.63	0.	0.	0.
35	35	774	SLU_ENV	Min	15.19	0.	0.	0.
35	35	773	SLU_ENV	Min	12.02	0.	0.	0.
35	35	775	SLU_ENV	Min	11.3	0.	0.	0.
35	35	776	SLU_ENV	Min	14.47	0.	0.	0.
35	35	774	SLV_Ex		92.68	-3.41	-402.55	76.164
35	35	773	SLV_Ex		81.74	18.58	-294.08	74.237
35	35	775	SLV_Ex		76.8	8.97	-293.46	74.738
35	35	776	SLV_Ex		87.74	-12.83	-402.12	76.604
36	36	776	SLU_ENV	Max	28.9	0.	0.	0.
36	36	775	SLU_ENV	Max	28.3	0.	0.	0.
36	36	777	SLU_ENV	Max	24.98	0.	0.	0.
36	36	778	SLU_ENV	Max	25.58	0.	0.	0.
36	36	776	SLU_ENV	Min	11.19	0.	0.	0.
36	36	775	SLU_ENV	Min	11.11	0.	0.	0.
36	36	777	SLU_ENV	Min	9.69	0.	0.	0.
36	36	778	SLU_ENV	Min	9.77	0.	0.	0.
36	36	776	SLV_Ex		72.15	-14.04	-373.5	78.165
36	36	775	SLV_Ex		75.03	5.31	-302.99	75.437
36	36	777	SLV_Ex		68.53	5.34	-299.15	76.623
36	36	778	SLV_Ex		65.66	-13.42	-370.26	79.204
37	37	778	SLU_ENV	Max	23.73	0.	0.	0.
37	37	777	SLU_ENV	Max	21.79	0.	0.	0.
37	37	779	SLU_ENV	Max	18.3	0.	0.	0.
37	37	780	SLU_ENV	Max	20.23	0.	0.	0.
37	37	778	SLU_ENV	Min	8.9	0.	0.	0.
37	37	777	SLU_ENV	Min	8.34	0.	0.	0.
37	37	779	SLU_ENV	Min	6.9	0.	0.	0.
37	37	780	SLU_ENV	Min	7.46	0.	0.	0.
37	37	778	SLV_Ex		60.98	-8.47	-340.13	79.212
37	37	777	SLV_Ex		62.51	3.51	-293.35	77.546
37	37	779	SLV_Ex		55.34	-2.36	-291.18	78.735
37	37	780	SLV_Ex		53.8	-14.	-338.32	80.311
38	38	780	SLU_ENV	Max	16.75	0.	0.	0.
38	38	779	SLU_ENV	Max	17.04	0.	0.	0.
38	38	781	SLU_ENV	Max	14.7	0.	0.	0.
38	38	782	SLU_ENV	Max	14.42	0.	0.	0.
38	38	780	SLU_ENV	Min	6.14	0.	0.	0.
38	38	779	SLU_ENV	Min	6.32	0.	0.	0.
38	38	781	SLU_ENV	Min	5.42	0.	0.	0.



Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
38	38	782	SLU_ENV	Min	5.24	0.	0.	0.
38	38	780	SLV_Ex		48.67	-10.24	-312.71	80.613
38	38	779	SLV_Ex		52.56	-0.68	-278.58	78.888
38	38	781	SLV_Ex		49.13	-1.7	-277.26	79.555
38	38	782	SLV_Ex		45.24	-11.07	-311.58	81.238
39	39	782	SLU_ENV	Max	12.36	0.	0.	0.
39	39	781	SLU_ENV	Max	11.87	0.	0.	0.
39	39	783	SLU_ENV	Max	9.2	0.	0.	0.
39	39	784	SLU_ENV	Max	9.69	0.	0.	0.
39	39	782	SLU_ENV	Min	4.48	0.	0.	0.
39	39	781	SLU_ENV	Min	4.33	0.	0.	0.
39	39	783	SLU_ENV	Min	3.33	0.	0.	0.
39	39	784	SLU_ENV	Min	3.48	0.	0.	0.
39	39	782	SLV_Ex		41.53	-6.76	-286.12	81.351
39	39	781	SLV_Ex		45.12	6.894E-02	-262.12	79.934
39	39	783	SLV_Ex		40.96	-2.5	-261.02	80.762
39	39	784	SLV_Ex		37.37	-9.15	-285.2	82.145
40	40	784	SLU_ENV	Max	6.96	0.	0.	0.
40	40	783	SLU_ENV	Max	7.58	0.	0.	0.
40	40	785	SLU_ENV	Max	5.37	0.	0.	0.
40	40	786	SLU_ENV	Max	4.75	0.	0.	0.
40	40	784	SLU_ENV	Min	2.48	0.	0.	0.
40	40	783	SLU_ENV	Min	2.73	0.	0.	0.
40	40	785	SLU_ENV	Min	1.92	0.	0.	0.
40	40	786	SLU_ENV	Min	1.68	0.	0.	0.
40	40	784	SLV_Ex		34.13	-4.94	-261.03	82.27
40	40	783	SLV_Ex		38.41	0.3	-244.18	80.843
40	40	785	SLV_Ex		35.87	-1.71	-243.68	81.376
40	40	786	SLV_Ex		31.6	-6.84	-260.64	82.791
41	41	786	SLU_ENV	Max	3.23	0.	0.	0.
41	41	785	SLU_ENV	Max	2.75	0.	0.	0.
41	41	787	SLU_ENV	Max	0.56	0.	0.	0.
41	41	788	SLU_ENV	Max	1.04	0.	0.	0.
41	41	786	SLU_ENV	Min	1.14	0.	0.	0.
41	41	785	SLU_ENV	Min	0.95	0.	0.	0.
41	41	787	SLU_ENV	Min	0.16	0.	0.	0.
41	41	788	SLU_ENV	Min	0.35	0.	0.	0.
41	41	786	SLV_Ex		29.47	-2.46	-237.33	82.733
41	41	785	SLV_Ex		33.31	1.25	-226.18	81.484
41	41	787	SLV_Ex		31.01	-1.3	-225.94	81.988
41	41	788	SLV_Ex		27.17	-4.92	-237.18	83.235
42	42	788	SLU_ENV	Max	-0.54	0.	0.	0.
42	42	787	SLU_ENV	Max	-0.41	0.	0.	0.
42	42	789	SLU_ENV	Max	-1.21	0.	0.	0.
42	42	790	SLU_ENV	Max	-1.34	0.	0.	0.
42	42	788	SLU_ENV	Min	-1.39	0.	0.	0.
42	42	787	SLU_ENV	Min	-1.02	0.	0.	0.
42	42	789	SLU_ENV	Min	-3.22	0.	0.	0.
42	42	790	SLU_ENV	Min	-3.6	0.	0.	0.
42	42	788	SLV_Ex		25.52	-0.66	-215.03	83.112
42	42	787	SLV_Ex		29.33	2.02	-208.21	81.899
42	42	789	SLV_Ex		28.04	-0.34	-208.29	82.177
42	42	790	SLV_Ex		24.24	-2.97	-215.16	83.398
43	43	790	SLU_ENV	Max	-1.88	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
43	43	789	SLU_ENV	Max	-2.19	0.	0.	0.
43	43	791	SLU_ENV	Max	-3.	0.	0.	0.
43	43	792	SLU_ENV	Max	-2.69	0.	0.	0.
43	43	790	SLU_ENV	Min	-5.14	0.	0.	0.
43	43	789	SLU_ENV	Min	-5.85	0.	0.	0.
43	43	791	SLU_ENV	Min	-8.07	0.	0.	0.
43	43	792	SLU_ENV	Min	-7.35	0.	0.	0.
43	43	790	SLV_Ex		23.23	1.31	-193.76	83.112
43	43	789	SLV_Ex		26.88	3.08	-190.87	81.955
43	43	791	SLV_Ex		25.86	0.77	-191.04	82.177
43	43	792	SLV_Ex		22.21	-0.97	-193.95	83.346
44	44	792	SLU_ENV	Max	-3.7	0.	0.	0.
44	44	791	SLU_ENV	Max	-3.63	0.	0.	0.
44	44	793	SLU_ENV	Max	-4.66	0.	0.	0.
44	44	794	SLU_ENV	Max	-4.73	0.	0.	0.
44	44	792	SLU_ENV	Min	-10.1	0.	0.	0.
44	44	791	SLU_ENV	Min	-9.74	0.	0.	0.
44	44	793	SLU_ENV	Min	-12.47	0.	0.	0.
44	44	794	SLU_ENV	Min	-12.82	0.	0.	0.
44	44	792	SLV_Ex		21.85	3.32	-173.44	82.842
44	44	791	SLV_Ex		25.08	4.27	-173.85	81.822
44	44	793	SLV_Ex		25.09	2.13	-174.32	81.739
44	44	794	SLV_Ex		21.86	1.17	-173.91	82.768
45	45	794	SLU_ENV	Max	-5.53	0.	0.	0.
45	45	793	SLU_ENV	Max	-5.78	0.	0.	0.
45	45	795	SLU_ENV	Max	-6.71	0.	0.	0.
45	45	796	SLU_ENV	Max	-6.46	0.	0.	0.
45	45	794	SLU_ENV	Min	-14.94	0.	0.	0.
45	45	793	SLU_ENV	Min	-15.35	0.	0.	0.
45	45	795	SLU_ENV	Min	-17.75	0.	0.	0.
45	45	796	SLU_ENV	Min	-17.34	0.	0.	0.
45	45	794	SLV_Ex		21.86	5.57	-153.65	82.029
45	45	793	SLV_Ex		25.21	5.78	-158.07	81.04
45	45	795	SLV_Ex		25.14	4.04	-158.44	80.987
45	45	796	SLV_Ex		21.8	3.83	-154.	81.983
46	46	796	SLU_ENV	Max	-7.81	0.	0.	0.
46	46	795	SLU_ENV	Max	-7.36	0.	0.	0.
46	46	797	SLU_ENV	Max	-8.91	0.	0.	0.
46	46	798	SLU_ENV	Max	-9.35	0.	0.	0.
46	46	796	SLU_ENV	Min	-20.88	0.	0.	0.
46	46	795	SLU_ENV	Min	-19.15	0.	0.	0.
46	46	797	SLU_ENV	Min	-22.82	0.	0.	0.
46	46	798	SLU_ENV	Min	-24.56	0.	0.	0.
46	46	796	SLV_Ex		22.43	8.48	-134.06	80.83
46	46	795	SLV_Ex		25.46	7.76	-142.59	80.103
46	46	797	SLV_Ex		27.5	5.67	-143.97	79.216
46	46	798	SLV_Ex		24.47	6.33	-135.37	79.898
47	47	798	SLU_ENV	Max	-10.36	0.	0.	0.
47	47	797	SLU_ENV	Max	-10.34	0.	0.	0.
47	47	799	SLU_ENV	Max	-11.86	0.	0.	0.
47	47	800	SLU_ENV	Max	-11.88	0.	0.	0.
47	47	798	SLU_ENV	Min	-26.65	0.	0.	0.
47	47	797	SLU_ENV	Min	-26.15	0.	0.	0.
47	47	799	SLU_ENV	Min	-29.66	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
47	47	800	SLU_ENV	Min	-30.15	0.	0.	0.
47	47	798	SLV_Ex		26.34	12.09	-114.79	77.736
47	47	797	SLV_Ex		28.86	9.53	-130.55	77.832
47	47	799	SLV_Ex		30.15	11.29	-130.79	77.444
47	47	800	SLV_Ex		27.62	13.84	-115.03	77.31
48	48	800	SLU_ENV	Max	-15.22	0.	0.	0.
48	48	799	SLU_ENV	Max	-12.24	0.	0.	0.
48	48	801	SLU_ENV	Max	-13.25	0.	0.	0.
48	48	802	SLU_ENV	Max	-16.22	0.	0.	0.
48	48	800	SLU_ENV	Min	-38.98	0.	0.	0.
48	48	799	SLU_ENV	Min	-29.32	0.	0.	0.
48	48	801	SLU_ENV	Min	-29.85	0.	0.	0.
48	48	802	SLU_ENV	Min	-39.51	0.	0.	0.
48	48	800	SLV_Ex		29.07	21.34	-89.61	74.198
48	48	799	SLV_Ex		34.28	15.93	-122.	75.098
48	48	801	SLV_Ex		45.3	9.76	-131.94	70.126
48	48	802	SLV_Ex		40.09	15.78	-100.17	68.123
49	49	802	SLU_ENV	Max	-13.19	0.	0.	0.
49	49	801	SLU_ENV	Max	-11.61	0.	0.	0.
49	49	14	SLU_ENV	Max	-19.	0.	0.	0.
49	49	598	SLU_ENV	Max	-20.57	0.	0.	0.
49	49	802	SLU_ENV	Min	-26.71	0.	0.	0.
49	49	801	SLU_ENV	Min	-24.16	0.	0.	0.
49	49	14	SLU_ENV	Min	-40.5	0.	0.	0.
49	49	598	SLU_ENV	Min	-43.05	0.	0.	0.
49	49	802	SLV_Ex		52.4	54.31	-53.98	52.294
49	49	801	SLV_Ex		44.41	-4.48	-178.17	74.624
49	49	14	SLV_Ex		80.1	102.68	-172.9	72.227
49	49	598	SLV_Ex		88.1	158.23	-45.47	60.062
50	50	325	SLU_ENV	Max	0.3	0.	0.	0.
50	50	343	SLU_ENV	Max	-3.4	0.	0.	0.
50	50	803	SLU_ENV	Max	3.36	0.	0.	0.
50	50	773	SLU_ENV	Max	10.3	0.	0.	0.
50	50	325	SLU_ENV	Min	-3.83	0.	0.	0.
50	50	343	SLU_ENV	Min	-12.13	0.	0.	0.
50	50	803	SLU_ENV	Min	0.9	0.	0.	0.
50	50	773	SLU_ENV	Min	5.96	0.	0.	0.
50	50	325	SLV_Ex		17.44	114.8	-182.78	86.635
50	50	343	SLV_Ex		-2.68	109.75	-202.01	-89.507
50	50	803	SLV_Ex		29.53	-20.05	-232.95	81.949
50	50	773	SLV_Ex		49.65	-7.9	-220.82	76.102
51	51	773	SLU_ENV	Max	16.09	0.	0.	0.
51	51	803	SLU_ENV	Max	7.5	0.	0.	0.
51	51	804	SLU_ENV	Max	11.67	0.	0.	0.
51	51	775	SLU_ENV	Max	20.26	0.	0.	0.
51	51	773	SLU_ENV	Min	7.65	0.	0.	0.
51	51	803	SLU_ENV	Min	4.46	0.	0.	0.
51	51	804	SLU_ENV	Min	5.67	0.	0.	0.
51	51	775	SLU_ENV	Min	8.86	0.	0.	0.
51	51	773	SLV_Ex		60.65	-19.55	-291.17	76.737
51	51	803	SLV_Ex		45.91	-10.31	-222.03	77.15
51	51	804	SLV_Ex		53.8	-1.94	-224.44	75.539
51	51	775	SLV_Ex		68.55	-11.13	-293.63	75.484
52	52	775	SLU_ENV	Max	20.94	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
52	52	804	SLU_ENV	Max	13.86	0.	0.	0.
52	52	805	SLU_ENV	Max	14.09	0.	0.	0.
52	52	777	SLU_ENV	Max	21.16	0.	0.	0.
52	52	775	SLU_ENV	Min	8.68	0.	0.	0.
52	52	804	SLU_ENV	Min	6.14	0.	0.	0.
52	52	805	SLU_ENV	Min	5.85	0.	0.	0.
52	52	777	SLU_ENV	Min	8.39	0.	0.	0.
52	52	775	SLV_Ex		66.78	-14.69	-303.26	76.214
52	52	804	SLV_Ex		56.64	-5.1	-243.09	75.787
52	52	805	SLV_Ex		54.67	-7.65	-242.58	76.131
52	52	777	SLV_Ex		64.81	-17.22	-302.78	76.502
53	53	777	SLU_ENV	Max	17.97	0.	0.	0.
53	53	805	SLU_ENV	Max	15.36	0.	0.	0.
53	53	806	SLU_ENV	Max	14.11	0.	0.	0.
53	53	779	SLU_ENV	Max	16.72	0.	0.	0.
53	53	777	SLU_ENV	Min	7.03	0.	0.	0.
53	53	805	SLU_ENV	Min	6.16	0.	0.	0.
53	53	806	SLU_ENV	Min	5.56	0.	0.	0.
53	53	779	SLU_ENV	Min	6.44	0.	0.	0.
53	53	777	SLV_Ex		58.79	-19.07	-296.96	77.485
53	53	805	SLV_Ex		56.56	-8.46	-249.98	76.037
53	53	806	SLV_Ex		54.41	-5.4	-247.96	76.672
53	53	779	SLV_Ex		56.64	-15.88	-295.07	78.031
54	54	779	SLU_ENV	Max	15.46	0.	0.	0.
54	54	806	SLU_ENV	Max	12.54	0.	0.	0.
54	54	807	SLU_ENV	Max	10.62	0.	0.	0.
54	54	781	SLU_ENV	Max	13.54	0.	0.	0.
54	54	779	SLU_ENV	Min	5.86	0.	0.	0.
54	54	806	SLU_ENV	Min	4.85	0.	0.	0.
54	54	807	SLU_ENV	Min	4.04	0.	0.	0.
54	54	781	SLU_ENV	Min	5.05	0.	0.	0.
54	54	779	SLV_Ex		53.86	-14.21	-282.45	78.161
54	54	806	SLV_Ex		51.75	-6.47	-246.38	77.222
54	54	807	SLV_Ex		48.13	-6.74	-244.56	78.063
54	54	781	SLV_Ex		50.24	-14.38	-280.74	78.919
55	55	781	SLU_ENV	Max	10.71	0.	0.	0.
55	55	807	SLU_ENV	Max	9.99	0.	0.	0.
55	55	808	SLU_ENV	Max	8.13	0.	0.	0.
55	55	783	SLU_ENV	Max	8.84	0.	0.	0.
55	55	781	SLU_ENV	Min	3.96	0.	0.	0.
55	55	807	SLU_ENV	Min	3.75	0.	0.	0.
55	55	808	SLU_ENV	Min	3.03	0.	0.	0.
55	55	783	SLU_ENV	Min	3.24	0.	0.	0.
55	55	781	SLV_Ex		46.23	-12.64	-265.56	79.278
55	55	807	SLV_Ex		46.97	-5.79	-238.22	78.082
55	55	808	SLV_Ex		44.53	-4.59	-236.75	78.722
55	55	783	SLV_Ex		43.79	-11.34	-264.19	79.866
56	56	783	SLU_ENV	Max	7.22	0.	0.	0.
56	56	808	SLU_ENV	Max	6.02	0.	0.	0.
56	56	809	SLU_ENV	Max	3.95	0.	0.	0.
56	56	785	SLU_ENV	Max	5.14	0.	0.	0.
56	56	783	SLU_ENV	Min	2.63	0.	0.	0.
56	56	808	SLU_ENV	Min	2.2	0.	0.	0.
56	56	809	SLU_ENV	Min	1.42	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
56	56	785	SLU_ENV	Min	1.85	0.	0.	0.
56	56	783	SLV_Ex		41.24	-8.55	-247.34	79.896
56	56	808	SLV_Ex		42.	-3.49	-227.07	78.967
56	56	809	SLV_Ex		39.27	-3.79	-225.92	79.646
56	56	785	SLV_Ex		38.52	-8.77	-246.27	80.536
57	57	785	SLU_ENV	Max	2.53	0.	0.	0.
57	57	809	SLU_ENV	Max	2.79	0.	0.	0.
57	57	810	SLU_ENV	Max	0.77	0.	0.	0.
57	57	787	SLU_ENV	Max	0.51	0.	0.	0.
57	57	785	SLU_ENV	Min	0.88	0.	0.	0.
57	57	809	SLU_ENV	Min	0.99	0.	0.	0.
57	57	810	SLU_ENV	Min	0.24	0.	0.	0.
57	57	787	SLU_ENV	Min	0.13	0.	0.	0.
57	57	785	SLV_Ex		35.95	-5.82	-228.76	80.591
57	57	809	SLV_Ex		37.67	-1.83	-214.42	79.623
57	57	810	SLV_Ex		35.83	-1.99	-213.67	80.108
57	57	787	SLV_Ex		34.11	-5.92	-228.07	81.057
58	58	787	SLU_ENV	Max	-0.44	0.	0.	0.
58	58	810	SLU_ENV	Max	-0.6	0.	0.	0.
58	58	811	SLU_ENV	Max	-1.34	0.	0.	0.
58	58	789	SLU_ENV	Max	-1.19	0.	0.	0.
58	58	787	SLU_ENV	Min	-1.08	0.	0.	0.
58	58	810	SLU_ENV	Min	-1.43	0.	0.	0.
58	58	811	SLU_ENV	Min	-3.45	0.	0.	0.
58	58	789	SLU_ENV	Min	-3.09	0.	0.	0.
58	58	787	SLV_Ex		32.43	-2.59	-210.35	80.903
58	58	810	SLV_Ex		34.17	0.21	-201.07	80.076
58	58	811	SLV_Ex		32.52	-0.42	-200.54	80.516
58	58	789	SLV_Ex		30.79	-3.17	-209.87	81.334
59	59	789	SLU_ENV	Max	-2.17	0.	0.	0.
59	59	811	SLU_ENV	Max	-1.79	0.	0.	0.
59	59	812	SLU_ENV	Max	-2.6	0.	0.	0.
59	59	791	SLU_ENV	Max	-2.97	0.	0.	0.
59	59	789	SLU_ENV	Min	-5.72	0.	0.	0.
59	59	811	SLU_ENV	Min	-4.62	0.	0.	0.
59	59	812	SLU_ENV	Min	-6.73	0.	0.	0.
59	59	791	SLU_ENV	Min	-7.83	0.	0.	0.
59	59	789	SLV_Ex		29.63	0.27	-192.48	81.049
59	59	811	SLV_Ex		31.29	2.07	-187.42	80.357
59	59	812	SLV_Ex		30.49	1.46	-187.23	80.573
59	59	791	SLV_Ex		28.82	-0.31	-192.31	81.264
60	60	791	SLU_ENV	Max	-3.6	0.	0.	0.
60	60	812	SLU_ENV	Max	-3.44	0.	0.	0.
60	60	813	SLU_ENV	Max	-4.18	0.	0.	0.
60	60	793	SLU_ENV	Max	-4.34	0.	0.	0.
60	60	791	SLU_ENV	Min	-9.5	0.	0.	0.
60	60	812	SLU_ENV	Min	-8.88	0.	0.	0.
60	60	813	SLU_ENV	Min	-10.78	0.	0.	0.
60	60	793	SLU_ENV	Min	-11.4	0.	0.	0.
60	60	791	SLV_Ex		28.04	3.23	-175.16	80.84
60	60	812	SLV_Ex		29.91	4.15	-174.41	80.213
60	60	813	SLV_Ex		29.17	3.88	-174.17	80.436
60	60	793	SLV_Ex		27.3	2.98	-174.93	81.065
61	61	793	SLU_ENV	Max	-5.47	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
61	61	813	SLU_ENV	Max	-4.51	0.	0.	0.
61	61	814	SLU_ENV	Max	-5.39	0.	0.	0.
61	61	795	SLU_ENV	Max	-6.34	0.	0.	0.
61	61	793	SLU_ENV	Min	-14.29	0.	0.	0.
61	61	813	SLU_ENV	Min	-11.47	0.	0.	0.
61	61	814	SLU_ENV	Min	-13.51	0.	0.	0.
61	61	795	SLU_ENV	Min	-16.33	0.	0.	0.
61	61	793	SLV_Ex		27.41	6.68	-158.73	80.322
61	61	813	SLV_Ex		28.4	6.43	-161.62	80.124
61	61	814	SLV_Ex		28.99	6.16	-161.92	79.913
61	61	795	SLV_Ex		28.	6.41	-159.04	80.108
62	62	795	SLU_ENV	Max	-6.99	0.	0.	0.
62	62	814	SLU_ENV	Max	-6.15	0.	0.	0.
62	62	815	SLU_ENV	Max	-6.8	0.	0.	0.
62	62	797	SLU_ENV	Max	-7.64	0.	0.	0.
62	62	795	SLU_ENV	Min	-17.72	0.	0.	0.
62	62	814	SLU_ENV	Min	-15.17	0.	0.	0.
62	62	815	SLU_ENV	Min	-16.52	0.	0.	0.
62	62	797	SLU_ENV	Min	-19.07	0.	0.	0.
62	62	795	SLV_Ex		28.32	10.21	-143.27	79.172
62	62	814	SLV_Ex		29.53	8.81	-151.54	79.195
62	62	815	SLV_Ex		29.32	10.44	-151.07	79.356
62	62	797	SLV_Ex		28.11	11.83	-142.8	79.341
63	63	797	SLU_ENV	Max	-9.07	0.	0.	0.
63	63	815	SLU_ENV	Max	-6.56	0.	0.	0.
63	63	816	SLU_ENV	Max	-7.	0.	0.	0.
63	63	799	SLU_ENV	Max	-9.51	0.	0.	0.
63	63	797	SLU_ENV	Min	-22.4	0.	0.	0.
63	63	815	SLU_ENV	Min	-15.36	0.	0.	0.
63	63	816	SLU_ENV	Min	-15.41	0.	0.	0.
63	63	799	SLU_ENV	Min	-22.45	0.	0.	0.
63	63	797	SLV_Ex		29.47	15.68	-129.36	78.013
63	63	815	SLV_Ex		28.65	12.15	-142.48	79.126
63	63	816	SLV_Ex		32.3	12.39	-144.2	77.818
63	63	799	SLV_Ex		33.12	16.06	-131.22	76.637
64	64	799	SLU_ENV	Max	-9.89	0.	0.	0.
64	64	816	SLU_ENV	Max	-6.63	0.	0.	0.
64	64	817	SLU_ENV	Max	-5.45	0.	0.	0.
64	64	801	SLU_ENV	Max	-8.72	0.	0.	0.
64	64	799	SLU_ENV	Min	-22.11	0.	0.	0.
64	64	816	SLU_ENV	Min	-13.38	0.	0.	0.
64	64	817	SLU_ENV	Min	-9.29	0.	0.	0.
64	64	801	SLU_ENV	Min	-18.02	0.	0.	0.
64	64	799	SLV_Ex		37.25	20.87	-122.59	74.356
64	64	816	SLV_Ex		33.65	12.32	-147.33	77.536
64	64	817	SLV_Ex		31.13	34.19	-140.9	79.586
64	64	801	SLV_Ex		34.73	42.09	-115.51	76.923
65	65	801	SLU_ENV	Max	-7.09	0.	0.	0.
65	65	817	SLU_ENV	Max	-2.07	0.	0.	0.
65	65	1	SLU_ENV	Max	10.99	0.	0.	0.
65	65	14	SLU_ENV	Max	2.52	0.	0.	0.
65	65	801	SLU_ENV	Min	-12.33	0.	0.	0.
65	65	817	SLU_ENV	Min	-4.53	0.	0.	0.
65	65	1	SLU_ENV	Min	2.74	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
65	65	14	SLU_ENV	Min	-1.61	0.	0.	0.
65	65	801	SLV_Ex		33.84	30.03	-163.93	79.789
65	65	817	SLV_Ex		20.34	35.31	-117.51	82.281
65	65	1	SLV_Ex		-4.19	-9.74	-123.4	-87.886
65	65	14	SLV_Ex		9.31	-17.93	-166.91	86.41
66	66	343	SLU_ENV	Max	0.73	0.	0.	0.
66	66	361	SLU_ENV	Max	1.19	0.	0.	0.
66	66	818	SLU_ENV	Max	-1.36	0.	0.	0.
66	66	803	SLU_ENV	Max	-1.64	0.	0.	0.
66	66	343	SLU_ENV	Min	-1.56	0.	0.	0.
66	66	361	SLU_ENV	Min	-0.25	0.	0.	0.
66	66	818	SLU_ENV	Min	-5.51	0.	0.	0.
66	66	803	SLU_ENV	Min	-7.	0.	0.	0.
66	66	343	SLV_Ex		18.15	85.51	-208.18	86.449
66	66	361	SLV_Ex		20.93	84.93	-213.19	85.963
66	66	818	SLV_Ex		11.68	18.23	-225.43	87.249
66	66	803	SLV_Ex		8.9	18.93	-220.54	87.869
67	67	803	SLU_ENV	Max	0.8	0.	0.	0.
67	67	818	SLU_ENV	Max	-2.6	0.	0.	0.
67	67	819	SLU_ENV	Max	-0.95	0.	0.	0.
67	67	804	SLU_ENV	Max	3.34	0.	0.	0.
67	67	803	SLU_ENV	Min	-1.75	0.	0.	0.
67	67	818	SLU_ENV	Min	-8.97	0.	0.	0.
67	67	819	SLU_ENV	Min	-4.79	0.	0.	0.
67	67	804	SLU_ENV	Min	1.54	0.	0.	0.
67	67	803	SLV_Ex		25.28	24.85	-205.79	83.668
67	67	818	SLV_Ex		9.	21.37	-208.46	87.755
67	67	819	SLV_Ex		20.78	-19.65	-218.87	83.979
67	67	804	SLV_Ex		37.07	-13.87	-218.51	79.38
68	68	804	SLU_ENV	Max	4.87	0.	0.	0.
68	68	819	SLU_ENV	Max	1.17	0.	0.	0.
68	68	820	SLU_ENV	Max	2.72	0.	0.	0.
68	68	805	SLU_ENV	Max	7.82	0.	0.	0.
68	68	804	SLU_ENV	Min	2.67	0.	0.	0.
68	68	819	SLU_ENV	Min	-0.63	0.	0.	0.
68	68	820	SLU_ENV	Min	1.72	0.	0.	0.
68	68	805	SLU_ENV	Min	3.61	0.	0.	0.
68	68	804	SLV_Ex		39.91	-16.97	-237.23	79.376
68	68	819	SLV_Ex		31.58	-15.26	-214.57	80.761
68	68	820	SLV_Ex		37.63	-15.47	-217.19	79.045
68	68	805	SLV_Ex		45.96	-16.92	-240.12	77.84
69	69	805	SLU_ENV	Max	9.09	0.	0.	0.
69	69	820	SLU_ENV	Max	3.56	0.	0.	0.
69	69	821	SLU_ENV	Max	4.44	0.	0.	0.
69	69	806	SLU_ENV	Max	9.96	0.	0.	0.
69	69	805	SLU_ENV	Min	3.92	0.	0.	0.
69	69	820	SLU_ENV	Min	1.87	0.	0.	0.
69	69	821	SLU_ENV	Min	2.03	0.	0.	0.
69	69	806	SLU_ENV	Min	4.08	0.	0.	0.
69	69	805	SLV_Ex		47.85	-17.75	-247.49	77.693
69	69	820	SLV_Ex		39.3	-15.34	-219.95	78.703
69	69	821	SLV_Ex		40.48	-16.12	-220.7	78.345
69	69	806	SLV_Ex		49.02	-18.48	-248.29	77.374
70	70	806	SLU_ENV	Max	8.39	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
70	70	821	SLU_ENV	Max	5.85	0.	0.	0.
70	70	822	SLU_ENV	Max	5.54	0.	0.	0.
70	70	807	SLU_ENV	Max	8.08	0.	0.	0.
70	70	806	SLU_ENV	Min	3.37	0.	0.	0.
70	70	821	SLU_ENV	Min	2.48	0.	0.	0.
70	70	822	SLU_ENV	Min	2.28	0.	0.	0.
70	70	807	SLU_ENV	Min	3.17	0.	0.	0.
70	70	806	SLV_Ex		46.36	-19.49	-246.76	77.963
70	70	821	SLV_Ex		43.03	-15.15	-222.03	77.71
70	70	822	SLV_Ex		42.84	-11.94	-221.15	77.912
70	70	807	SLV_Ex		46.17	-16.27	-245.89	78.144
71	71	807	SLU_ENV	Max	7.46	0.	0.	0.
71	71	822	SLU_ENV	Max	4.72	0.	0.	0.
71	71	823	SLU_ENV	Max	3.82	0.	0.	0.
71	71	808	SLU_ENV	Max	6.55	0.	0.	0.
71	71	807	SLU_ENV	Min	2.88	0.	0.	0.
71	71	822	SLU_ENV	Min	1.89	0.	0.	0.
71	71	823	SLU_ENV	Min	1.49	0.	0.	0.
71	71	808	SLU_ENV	Min	2.48	0.	0.	0.
71	71	807	SLV_Ex		45.01	-15.32	-239.55	78.167
71	71	822	SLV_Ex		41.86	-11.76	-218.37	78.047
71	71	823	SLV_Ex		40.47	-10.31	-217.33	78.493
71	71	808	SLV_Ex		43.61	-13.86	-238.52	78.578
72	72	808	SLU_ENV	Max	4.44	0.	0.	0.
72	72	823	SLU_ENV	Max	3.76	0.	0.	0.
72	72	824	SLU_ENV	Max	2.55	0.	0.	0.
72	72	809	SLU_ENV	Max	3.24	0.	0.	0.
72	72	808	SLU_ENV	Min	1.65	0.	0.	0.
72	72	823	SLU_ENV	Min	1.43	0.	0.	0.
72	72	824	SLU_ENV	Min	0.95	0.	0.	0.
72	72	809	SLU_ENV	Min	1.17	0.	0.	0.
72	72	808	SLV_Ex		41.08	-12.76	-228.84	78.826
72	72	823	SLV_Ex		40.23	-9.18	-212.15	78.323
72	72	824	SLV_Ex		38.91	-7.01	-211.	78.787
72	72	809	SLV_Ex		39.76	-10.56	-227.71	79.26
73	73	809	SLU_ENV	Max	2.08	0.	0.	0.
73	73	824	SLU_ENV	Max	1.16	0.	0.	0.
73	73	825	SLU_ENV	Max	-0.13	0.	0.	0.
73	73	810	SLU_ENV	Max	0.73	0.	0.	0.
73	73	809	SLU_ENV	Min	0.74	0.	0.	0.
73	73	824	SLU_ENV	Min	0.39	0.	0.	0.
73	73	825	SLU_ENV	Min	-0.19	0.	0.	0.
73	73	810	SLU_ENV	Min	0.21	0.	0.	0.
73	73	809	SLV_Ex		38.15	-8.59	-216.21	79.219
73	73	824	SLV_Ex		37.57	-5.86	-203.5	78.828
73	73	825	SLV_Ex		36.03	-4.67	-202.51	79.321
73	73	810	SLV_Ex		36.61	-7.37	-215.25	79.687
74	74	810	SLU_ENV	Max	-0.62	0.	0.	0.
74	74	825	SLU_ENV	Max	-0.32	0.	0.	0.
74	74	826	SLU_ENV	Max	-0.86	0.	0.	0.
74	74	811	SLU_ENV	Max	-1.16	0.	0.	0.
74	74	810	SLU_ENV	Min	-1.47	0.	0.	0.
74	74	825	SLU_ENV	Min	-0.64	0.	0.	0.
74	74	826	SLU_ENV	Min	-2.01	0.	0.	0.



Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
74	74	811	SLU_ENV	Min	-2.84	0.	0.	0.
74	74	810	SLV_Ex		34.96	-5.17	-202.65	79.633
74	74	825	SLV_Ex		35.06	-3.04	-193.7	79.209
74	74	826	SLV_Ex		33.93	-1.9	-192.92	79.597
74	74	811	SLV_Ex		33.82	-4.01	-201.89	80.006
75	75	811	SLU_ENV	Max	-1.6	0.	0.	0.
75	75	826	SLU_ENV	Max	-1.42	0.	0.	0.
75	75	827	SLU_ENV	Max	-1.91	0.	0.	0.
75	75	812	SLU_ENV	Max	-2.09	0.	0.	0.
75	75	811	SLU_ENV	Min	-4.02	0.	0.	0.
75	75	826	SLU_ENV	Min	-3.41	0.	0.	0.
75	75	827	SLU_ENV	Min	-4.63	0.	0.	0.
75	75	812	SLU_ENV	Min	-5.24	0.	0.	0.
75	75	811	SLV_Ex		32.59	-1.52	-188.78	79.817
75	75	826	SLV_Ex		33.03	-6.381E-02	-183.34	79.436
75	75	827	SLV_Ex		31.91	0.98	-182.61	79.829
75	75	812	SLV_Ex		31.47	-0.46	-188.07	80.2
76	76	812	SLU_ENV	Max	-2.94	0.	0.	0.
76	76	827	SLU_ENV	Max	-1.99	0.	0.	0.
76	76	828	SLU_ENV	Max	-2.42	0.	0.	0.
76	76	813	SLU_ENV	Max	-3.37	0.	0.	0.
76	76	812	SLU_ENV	Min	-7.38	0.	0.	0.
76	76	827	SLU_ENV	Min	-4.72	0.	0.	0.
76	76	828	SLU_ENV	Min	-5.69	0.	0.	0.
76	76	813	SLU_ENV	Min	-8.35	0.	0.	0.
76	76	812	SLV_Ex		30.89	2.24	-175.26	79.816
76	76	827	SLV_Ex		30.79	2.81	-172.59	79.723
76	76	828	SLV_Ex		30.29	3.58	-172.19	79.921
76	76	813	SLV_Ex		30.38	3.01	-174.86	80.012
77	77	813	SLU_ENV	Max	-3.7	0.	0.	0.
77	77	828	SLU_ENV	Max	-2.84	0.	0.	0.
77	77	829	SLU_ENV	Max	-3.06	0.	0.	0.
77	77	814	SLU_ENV	Max	-3.92	0.	0.	0.
77	77	813	SLU_ENV	Min	-9.04	0.	0.	0.
77	77	828	SLU_ENV	Min	-6.55	0.	0.	0.
77	77	829	SLU_ENV	Min	-6.9	0.	0.	0.
77	77	814	SLU_ENV	Min	-9.39	0.	0.	0.
77	77	813	SLV_Ex		29.61	5.57	-162.33	79.674
77	77	828	SLV_Ex		30.06	5.64	-162.88	79.549
77	77	829	SLV_Ex		29.16	7.42	-162.08	79.938
77	77	814	SLV_Ex		28.7	7.35	-161.53	80.064
78	78	814	SLU_ENV	Max	-4.69	0.	0.	0.
78	78	829	SLU_ENV	Max	-2.64	0.	0.	0.
78	78	830	SLU_ENV	Max	-2.54	0.	0.	0.
78	78	815	SLU_ENV	Max	-4.59	0.	0.	0.
78	78	814	SLU_ENV	Min	-11.06	0.	0.	0.
78	78	829	SLU_ENV	Min	-5.53	0.	0.	0.
78	78	830	SLU_ENV	Min	-4.76	0.	0.	0.
78	78	815	SLU_ENV	Min	-10.3	0.	0.	0.
78	78	814	SLV_Ex		29.25	9.99	-151.14	79.356
78	78	829	SLV_Ex		27.5	8.84	-152.87	80.058
78	78	830	SLV_Ex		27.64	9.38	-152.8	80.035
78	78	815	SLV_Ex		29.39	10.53	-151.08	79.336
79	79	815	SLU_ENV	Max	-4.35	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
79	79	830	SLU_ENV	Max	-2.42	0.	0.	0.
79	79	831	SLU_ENV	Max	-0.38	0.	0.	0.
79	79	816	SLU_ENV	Max	-3.42	0.	0.	0.
79	79	815	SLU_ENV	Min	-9.14	0.	0.	0.
79	79	830	SLU_ENV	Min	-3.99	0.	0.	0.
79	79	831	SLU_ENV	Min	-2.17	0.	0.	0.
79	79	816	SLU_ENV	Min	-6.21	0.	0.	0.
79	79	815	SLV_Ex		28.72	12.24	-142.49	79.104
79	79	830	SLV_Ex		27.98	10.98	-146.47	79.591
79	79	831	SLV_Ex		25.46	16.49	-144.17	80.761
79	79	816	SLV_Ex		26.2	17.7	-140.14	80.304
80	80	816	SLU_ENV	Max	-2.71	0.	0.	0.
80	80	831	SLU_ENV	Max	3.61	0.	0.	0.
80	80	832	SLU_ENV	Max	7.95	0.	0.	0.
80	80	817	SLU_ENV	Max	0.7	0.	0.	0.
80	80	816	SLU_ENV	Min	-4.51	0.	0.	0.
80	80	831	SLU_ENV	Min	0.29	0.	0.	0.
80	80	832	SLU_ENV	Min	2.02	0.	0.	0.
80	80	817	SLU_ENV	Min	-1.85	0.	0.	0.
80	80	816	SLV_Ex		27.55	17.55	-143.21	79.978
80	80	831	SLV_Ex		19.7	17.26	-131.42	82.318
80	80	832	SLV_Ex		13.06	4.72	-132.24	84.502
80	80	817	SLV_Ex		20.91	4.57	-143.58	81.8
81	81	817	SLU_ENV	Max	5.95	0.	0.	0.
81	81	832	SLU_ENV	Max	4.62	0.	0.	0.
81	81	29	SLU_ENV	Max	-0.46	0.	0.	0.
81	81	1	SLU_ENV	Max	0.73	0.	0.	0.
81	81	817	SLU_ENV	Min	1.04	0.	0.	0.
81	81	832	SLU_ENV	Min	0.86	0.	0.	0.
81	81	29	SLU_ENV	Min	-1.9	0.	0.	0.
81	81	1	SLU_ENV	Min	-1.57	0.	0.	0.
81	81	817	SLV_Ex		10.13	6.45	-120.95	85.426
81	81	832	SLV_Ex		14.41	7.5	-120.68	83.502
81	81	29	SLV_Ex		22.31	-0.7	-125.31	79.51
81	81	1	SLV_Ex		18.02	-2.35	-124.99	81.455
82	82	361	SLU_ENV	Max	-1.46	0.	0.	0.
82	82	379	SLU_ENV	Max	-2.13	0.	0.	0.
82	82	833	SLU_ENV	Max	-1.29	0.	0.	0.
82	82	818	SLU_ENV	Max	-0.62	0.	0.	0.
82	82	361	SLU_ENV	Min	-4.75	0.	0.	0.
82	82	379	SLU_ENV	Min	-5.76	0.	0.	0.
82	82	833	SLU_ENV	Min	-4.13	0.	0.	0.
82	82	818	SLU_ENV	Min	-3.12	0.	0.	0.
82	82	361	SLV_Ex		10.91	66.49	-215.61	87.783
82	82	379	SLV_Ex		9.05	65.62	-219.14	88.178
82	82	833	SLV_Ex		15.01	24.53	-228.09	86.588
82	82	818	SLV_Ex		16.87	25.51	-224.67	86.126
83	83	818	SLU_ENV	Max	-1.86	0.	0.	0.
83	83	833	SLU_ENV	Max	-1.84	0.	0.	0.
83	83	834	SLU_ENV	Max	-2.69	0.	0.	0.
83	83	819	SLU_ENV	Max	-2.72	0.	0.	0.
83	83	818	SLU_ENV	Min	-6.59	0.	0.	0.
83	83	833	SLU_ENV	Min	-6.06	0.	0.	0.
83	83	834	SLU_ENV	Min	-8.35	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
83	83	819	SLU_ENV	Min	-8.88	0.	0.	0.
83	83	818	SLV_Ex		14.18	28.58	-207.62	86.552
83	83	833	SLV_Ex		15.02	27.51	-213.46	86.419
83	83	834	SLV_Ex		12.91	-3.36	-219.44	86.568
83	83	819	SLV_Ex		12.08	-2.29	-213.6	86.719
84	84	819	SLU_ENV	Max	-0.99	0.	0.	0.
84	84	834	SLU_ENV	Max	-2.8	0.	0.	0.
84	84	835	SLU_ENV	Max	-1.82	0.	0.	0.
84	84	820	SLU_ENV	Max	-1.476E-02	0.	0.	0.
84	84	819	SLU_ENV	Min	-4.32	0.	0.	0.
84	84	834	SLU_ENV	Min	-8.65	0.	0.	0.
84	84	835	SLU_ENV	Min	-6.07	0.	0.	0.
84	84	820	SLU_ENV	Min	-1.73	0.	0.	0.
84	84	819	SLV_Ex		22.88	1.	-208.19	83.683
84	84	834	SLV_Ex		14.04	-0.64	-206.95	86.087
84	84	835	SLV_Ex		20.57	-18.63	-212.05	83.86
84	84	820	SLV_Ex		29.4	-16.3	-213.98	81.347
85	85	820	SLU_ENV	Max	0.23	0.	0.	0.
85	85	835	SLU_ENV	Max	-0.87	0.	0.	0.
85	85	836	SLU_ENV	Max	-0.43	0.	0.	0.
85	85	821	SLU_ENV	Max	0.9	0.	0.	0.
85	85	820	SLU_ENV	Min	-0.98	0.	0.	0.
85	85	835	SLU_ENV	Min	-3.54	0.	0.	0.
85	85	836	SLU_ENV	Min	-2.16	0.	0.	0.
85	85	821	SLU_ENV	Min	0.16	0.	0.	0.
85	85	820	SLV_Ex		31.07	-16.27	-216.64	80.966
85	85	835	SLV_Ex		26.23	-15.89	-207.11	82.038
85	85	836	SLV_Ex		29.29	-18.35	-208.74	81.042
85	85	821	SLV_Ex		34.13	-18.61	-218.39	80.012
86	86	821	SLU_ENV	Max	1.9	0.	0.	0.
86	86	836	SLU_ENV	Max	-0.33	0.	0.	0.
86	86	837	SLU_ENV	Max	-8.261E-02	0.	0.	0.
86	86	822	SLU_ENV	Max	2.77	0.	0.	0.
86	86	821	SLU_ENV	Min	1.02	0.	0.	0.
86	86	836	SLU_ENV	Min	-1.67	0.	0.	0.
86	86	837	SLU_ENV	Min	-0.8	0.	0.	0.
86	86	822	SLU_ENV	Min	1.27	0.	0.	0.
86	86	821	SLV_Ex		36.68	-17.78	-219.59	79.343
86	86	836	SLV_Ex		30.5	-17.26	-205.99	80.57
86	86	837	SLV_Ex		32.12	-17.87	-206.78	80.061
86	86	822	SLV_Ex		38.29	-18.32	-220.45	78.869
87	87	822	SLU_ENV	Max	1.96	0.	0.	0.
87	87	837	SLU_ENV	Max	0.55	0.	0.	0.
87	87	838	SLU_ENV	Max	0.48	0.	0.	0.
87	87	823	SLU_ENV	Max	1.99	0.	0.	0.
87	87	822	SLU_ENV	Min	0.88	0.	0.	0.
87	87	837	SLU_ENV	Min	0.23	0.	0.	0.
87	87	838	SLU_ENV	Min	0.28	0.	0.	0.
87	87	823	SLU_ENV	Min	0.83	0.	0.	0.
87	87	822	SLV_Ex		37.31	-18.12	-217.69	79.021
87	87	837	SLV_Ex		34.06	-16.51	-204.5	79.377
87	87	838	SLV_Ex		34.32	-14.1	-204.06	79.408
87	87	823	SLV_Ex		37.57	-15.72	-217.24	79.054
88	88	823	SLU_ENV	Max	1.93	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
88	88	838	SLU_ENV	Max	0.2	0.	0.	0.
88	88	839	SLU_ENV	Max	-2.517E-02	0.	0.	0.
88	88	824	SLU_ENV	Max	1.66	0.	0.	0.
88	88	823	SLU_ENV	Min	0.77	0.	0.	0.
88	88	838	SLU_ENV	Min	4.603E-02	0.	0.	0.
88	88	839	SLU_ENV	Min	-0.14	0.	0.	0.
88	88	824	SLU_ENV	Min	0.63	0.	0.	0.
88	88	823	SLV_Ex		37.33	-14.6	-212.06	78.89
88	88	838	SLV_Ex		34.09	-13.25	-199.99	79.293
88	88	839	SLV_Ex		33.7	-11.33	-199.37	79.497
88	88	824	SLV_Ex		36.95	-12.69	-211.43	79.086
89	89	824	SLU_ENV	Max	0.27	0.	0.	0.
89	89	839	SLU_ENV	Max	0.33	0.	0.	0.
89	89	840	SLU_ENV	Max	-0.12	0.	0.	0.
89	89	825	SLU_ENV	Max	-0.16	0.	0.	0.
89	89	824	SLU_ENV	Min	6.813E-02	0.	0.	0.
89	89	839	SLU_ENV	Min	0.1	0.	0.	0.
89	89	840	SLU_ENV	Min	-0.16	0.	0.	0.
89	89	825	SLU_ENV	Min	-0.23	0.	0.	0.
89	89	824	SLV_Ex		35.61	-11.54	-203.93	79.138
89	89	839	SLV_Ex		33.79	-10.07	-194.15	79.23
89	89	840	SLV_Ex		33.13	-7.67	-193.3	79.544
89	89	825	SLV_Ex		34.94	-9.14	-203.07	79.439
90	90	825	SLU_ENV	Max	-0.34	0.	0.	0.
90	90	840	SLU_ENV	Max	-0.4	0.	0.	0.
90	90	841	SLU_ENV	Max	-0.62	0.	0.	0.
90	90	826	SLU_ENV	Max	-0.56	0.	0.	0.
90	90	825	SLU_ENV	Min	-0.67	0.	0.	0.
90	90	840	SLU_ENV	Min	-0.79	0.	0.	0.
90	90	841	SLU_ENV	Min	-1.28	0.	0.	0.
90	90	826	SLU_ENV	Min	-1.17	0.	0.	0.
90	90	825	SLV_Ex		33.98	-7.51	-194.25	79.329
90	90	840	SLV_Ex		32.54	-6.39	-186.68	79.42
90	90	841	SLV_Ex		31.7	-4.38	-185.84	79.775
90	90	826	SLV_Ex		33.14	-5.51	-193.42	79.673
91	91	826	SLU_ENV	Max	-1.13	0.	0.	0.
91	91	841	SLU_ENV	Max	-0.49	0.	0.	0.
91	91	842	SLU_ENV	Max	-0.65	0.	0.	0.
91	91	827	SLU_ENV	Max	-1.29	0.	0.	0.
91	91	826	SLU_ENV	Min	-2.57	0.	0.	0.
91	91	841	SLU_ENV	Min	-0.83	0.	0.	0.
91	91	842	SLU_ENV	Min	-1.12	0.	0.	0.
91	91	827	SLU_ENV	Min	-2.86	0.	0.	0.
91	91	826	SLV_Ex		32.24	-3.67	-183.83	79.513
91	91	841	SLV_Ex		30.97	-2.95	-178.3	79.657
91	91	842	SLV_Ex		30.18	-1.27	-177.57	79.99
91	91	827	SLV_Ex		31.45	-2.	-183.1	79.837
92	92	827	SLU_ENV	Max	-1.37	0.	0.	0.
92	92	842	SLU_ENV	Max	-0.84	0.	0.	0.
92	92	843	SLU_ENV	Max	-0.9	0.	0.	0.
92	92	828	SLU_ENV	Max	-1.42	0.	0.	0.
92	92	827	SLU_ENV	Min	-2.95	0.	0.	0.
92	92	842	SLU_ENV	Min	-1.47	0.	0.	0.
92	92	843	SLU_ENV	Min	-1.45	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
92	92	828	SLU_ENV	Min	-2.93	0.	0.	0.
92	92	827	SLV_Ex		30.33	-0.17	-173.08	79.73
92	92	842	SLV_Ex		29.72	0.37	-169.6	79.765
92	92	843	SLV_Ex		28.78	2.38	-168.74	80.172
92	92	828	SLV_Ex		29.39	1.84	-172.22	80.131
93	93	828	SLU_ENV	Max	-1.83	0.	0.	0.
93	93	843	SLU_ENV	Max	7.938E-03	0.	0.	0.
93	93	844	SLU_ENV	Max	0.71	0.	0.	0.
93	93	829	SLU_ENV	Max	-1.61	0.	0.	0.
93	93	828	SLU_ENV	Min	-3.79	0.	0.	0.
93	93	843	SLU_ENV	Min	-0.7	0.	0.	0.
93	93	844	SLU_ENV	Min	-0.35	0.	0.	0.
93	93	829	SLU_ENV	Min	-2.97	0.	0.	0.
93	93	828	SLV_Ex		29.17	3.88	-162.9	79.764
93	93	843	SLV_Ex		27.3	3.72	-160.21	80.273
93	93	844	SLV_Ex		26.42	4.54	-159.67	80.613
93	93	829	SLV_Ex		28.29	4.69	-162.34	80.099
94	94	829	SLU_ENV	Max	-1.02	0.	0.	0.
94	94	844	SLU_ENV	Max	1.13	0.	0.	0.
94	94	845	SLU_ENV	Max	2.47	0.	0.	0.
94	94	830	SLU_ENV	Max	0.13	0.	0.	0.
94	94	829	SLU_ENV	Min	-1.76	0.	0.	0.
94	94	844	SLU_ENV	Min	-0.21	0.	0.	0.
94	94	845	SLU_ENV	Min	0.27	0.	0.	0.
94	94	830	SLU_ENV	Min	-1.08	0.	0.	0.
94	94	829	SLV_Ex		26.63	6.11	-153.13	80.228
94	94	844	SLV_Ex		26.22	6.29	-151.62	80.301
94	94	845	SLV_Ex		24.76	8.58	-150.52	80.933
94	94	830	SLV_Ex		25.17	8.4	-152.03	80.855
95	95	830	SLU_ENV	Max	0.83	0.	0.	0.
95	95	845	SLU_ENV	Max	5.07	0.	0.	0.
95	95	846	SLU_ENV	Max	7.7	0.	0.	0.
95	95	831	SLU_ENV	Max	3.21	0.	0.	0.
95	95	830	SLU_ENV	Min	-0.89	0.	0.	0.
95	95	845	SLU_ENV	Min	1.25	0.	0.	0.
95	95	846	SLU_ENV	Min	2.26	0.	0.	0.
95	95	831	SLU_ENV	Min	0.38	0.	0.	0.
95	95	830	SLV_Ex		25.51	9.97	-145.67	80.431
95	95	845	SLV_Ex		21.63	9.7	-140.34	81.622
95	95	846	SLV_Ex		18.74	5.61	-140.27	82.556
95	95	831	SLV_Ex		22.63	5.79	-145.5	81.298
96	96	831	SLU_ENV	Max	7.87	0.	0.	0.
96	96	846	SLU_ENV	Max	7.45	0.	0.	0.
96	96	847	SLU_ENV	Max	5.24	0.	0.	0.
96	96	832	SLU_ENV	Max	5.66	0.	0.	0.
96	96	831	SLU_ENV	Min	2.16	0.	0.	0.
96	96	846	SLU_ENV	Min	2.19	0.	0.	0.
96	96	847	SLU_ENV	Min	1.38	0.	0.	0.
96	96	832	SLU_ENV	Min	1.34	0.	0.	0.
96	96	831	SLV_Ex		16.86	6.65	-132.83	83.005
96	96	846	SLV_Ex		19.16	8.09	-129.5	81.916
96	96	847	SLV_Ex		20.63	4.94	-130.72	81.146
96	96	832	SLV_Ex		18.34	3.42	-133.98	82.261
97	97	832	SLU_ENV	Max	2.33	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
97	97	847	SLU_ENV	Max	3.5	0.	0.	0.
97	97	56	SLU_ENV	Max	5.25	0.	0.	0.
97	97	29	SLU_ENV	Max	4.09	0.	0.	0.
97	97	832	SLU_ENV	Min	0.18	0.	0.	0.
97	97	847	SLU_ENV	Min	0.94	0.	0.	0.
97	97	56	SLU_ENV	Min	1.85	0.	0.	0.
97	97	29	SLU_ENV	Min	1.09	0.	0.	0.
97	97	832	SLV_Ex		19.69	6.4	-122.62	81.116
97	97	847	SLV_Ex		18.75	6.99	-118.4	81.3
97	97	56	SLV_Ex		13.27	-4.46	-119.12	83.31
97	97	29	SLV_Ex		14.2	-5.09	-123.31	83.048
98	98	379	SLU_ENV	Max	-1.3	0.	0.	0.
98	98	397	SLU_ENV	Max	-1.52	0.	0.	0.
98	98	848	SLU_ENV	Max	-2.66	0.	0.	0.
98	98	833	SLU_ENV	Max	-2.44	0.	0.	0.
98	98	379	SLU_ENV	Min	-3.16	0.	0.	0.
98	98	397	SLU_ENV	Min	-3.18	0.	0.	0.
98	98	848	SLU_ENV	Min	-6.44	0.	0.	0.
98	98	833	SLU_ENV	Min	-6.42	0.	0.	0.
98	98	379	SLV_Ex		14.75	51.36	-222.61	86.91
98	98	397	SLV_Ex		14.84	50.52	-226.84	86.929
98	98	848	SLV_Ex		10.1	25.52	-231.36	87.745
98	98	833	SLV_Ex		10.01	26.37	-227.12	87.735
99	99	833	SLU_ENV	Max	-2.99	0.	0.	0.
99	99	848	SLU_ENV	Max	-3.55	0.	0.	0.
99	99	849	SLU_ENV	Max	-3.31	0.	0.	0.
99	99	834	SLU_ENV	Max	-2.74	0.	0.	0.
99	99	833	SLU_ENV	Min	-8.35	0.	0.	0.
99	99	848	SLU_ENV	Min	-9.35	0.	0.	0.
99	99	849	SLU_ENV	Min	-9.18	0.	0.	0.
99	99	834	SLU_ENV	Min	-8.18	0.	0.	0.
99	99	833	SLV_Ex		10.02	29.32	-212.47	87.623
99	99	848	SLV_Ex		7.75	28.54	-215.36	88.178
99	99	849	SLV_Ex		10.98	2.92	-220.84	87.183
99	99	834	SLV_Ex		13.25	3.79	-218.03	86.569
100	100	834	SLU_ENV	Max	-2.85	0.	0.	0.
100	100	849	SLU_ENV	Max	-3.03	0.	0.	0.
100	100	850	SLU_ENV	Max	-3.1	0.	0.	0.
100	100	835	SLU_ENV	Max	-2.92	0.	0.	0.
100	100	834	SLU_ENV	Min	-8.48	0.	0.	0.
100	100	849	SLU_ENV	Min	-8.7	0.	0.	0.
100	100	850	SLU_ENV	Min	-8.91	0.	0.	0.
100	100	835	SLU_ENV	Min	-8.69	0.	0.	0.
100	100	834	SLV_Ex		14.38	6.5	-205.55	86.102
100	100	849	SLV_Ex		13.4	5.67	-208.9	86.413
100	100	850	SLV_Ex		14.04	-10.89	-212.38	85.995
100	100	835	SLV_Ex		15.02	-10.03	-209.05	85.659
101	101	835	SLU_ENV	Max	-1.97	0.	0.	0.
101	101	850	SLU_ENV	Max	-3.03	0.	0.	0.
101	101	851	SLU_ENV	Max	-2.4	0.	0.	0.
101	101	836	SLU_ENV	Max	-1.34	0.	0.	0.
101	101	835	SLU_ENV	Min	-6.16	0.	0.	0.
101	101	850	SLU_ENV	Min	-8.75	0.	0.	0.
101	101	851	SLU_ENV	Min	-7.08	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
101	101	836	SLU_ENV	Min	-4.49	0.	0.	0.
101	101	835	SLV_Ex		20.68	-7.68	-203.72	83.91
101	101	850	SLV_Ex		15.19	-8.61	-202.32	85.489
101	101	851	SLV_Ex		18.97	-18.38	-205.17	84.141
101	101	836	SLV_Ex		24.46	-17.19	-206.82	82.524
102	102	836	SLU_ENV	Max	-1.24	0.	0.	0.
102	102	851	SLU_ENV	Max	-1.76	0.	0.	0.
102	102	852	SLU_ENV	Max	-1.48	0.	0.	0.
102	102	837	SLU_ENV	Max	-0.96	0.	0.	0.
102	102	836	SLU_ENV	Min	-4.	0.	0.	0.
102	102	851	SLU_ENV	Min	-5.34	0.	0.	0.
102	102	852	SLU_ENV	Min	-4.45	0.	0.	0.
102	102	837	SLU_ENV	Min	-3.12	0.	0.	0.
102	102	836	SLV_Ex		25.68	-16.18	-203.99	82.064
102	102	851	SLV_Ex		22.08	-16.33	-199.45	83.023
102	102	852	SLV_Ex		23.73	-18.45	-200.41	82.439
102	102	837	SLV_Ex		27.34	-18.24	-205.01	81.489
103	103	837	SLU_ENV	Max	-0.54	0.	0.	0.
103	103	852	SLU_ENV	Max	-1.36	0.	0.	0.
103	103	853	SLU_ENV	Max	-1.08	0.	0.	0.
103	103	838	SLU_ENV	Max	-0.27	0.	0.	0.
103	103	837	SLU_ENV	Min	-1.87	0.	0.	0.
103	103	852	SLU_ENV	Min	-3.99	0.	0.	0.
103	103	853	SLU_ENV	Min	-3.13	0.	0.	0.
103	103	838	SLU_ENV	Min	-1.01	0.	0.	0.
103	103	837	SLV_Ex		29.28	-16.98	-202.62	80.805
103	103	852	SLV_Ex		24.61	-17.16	-195.79	82.005
103	103	853	SLV_Ex		25.93	-17.3	-196.27	81.579
103	103	838	SLV_Ex		30.61	-17.07	-203.16	80.398
104	104	838	SLU_ENV	Max	-0.45	0.	0.	0.
104	104	853	SLU_ENV	Max	-0.64	0.	0.	0.
104	104	854	SLU_ENV	Max	-0.54	0.	0.	0.
104	104	839	SLU_ENV	Max	-0.35	0.	0.	0.
104	104	838	SLU_ENV	Min	-1.35	0.	0.	0.
104	104	853	SLU_ENV	Min	-1.86	0.	0.	0.
104	104	854	SLU_ENV	Min	-1.47	0.	0.	0.
104	104	839	SLU_ENV	Min	-0.95	0.	0.	0.
104	104	838	SLV_Ex		30.37	-16.24	-199.08	80.298
104	104	853	SLV_Ex		27.3	-15.91	-192.27	80.983
104	104	854	SLV_Ex		27.64	-13.9	-191.96	80.955
104	104	839	SLV_Ex		30.72	-14.23	-198.77	80.278
105	105	839	SLU_ENV	Max	-0.21	0.	0.	0.
105	105	854	SLU_ENV	Max	-0.53	0.	0.	0.
105	105	855	SLU_ENV	Max	-0.46	0.	0.	0.
105	105	840	SLU_ENV	Max	-0.13	0.	0.	0.
105	105	839	SLU_ENV	Min	-0.49	0.	0.	0.
105	105	854	SLU_ENV	Min	-1.33	0.	0.	0.
105	105	855	SLU_ENV	Min	-1.01	0.	0.	0.
105	105	840	SLU_ENV	Min	-0.18	0.	0.	0.
105	105	839	SLV_Ex		30.81	-12.99	-193.53	80.022
105	105	854	SLV_Ex		27.8	-12.74	-187.06	80.7
105	105	855	SLV_Ex		27.85	-10.67	-186.61	80.773
105	105	840	SLV_Ex		30.86	-10.92	-193.07	80.098
106	106	840	SLU_ENV	Max	-0.41	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
106	106	855	SLU_ENV	Max	3.420E-02	0.	0.	0.
106	106	856	SLU_ENV	Max	0.32	0.	0.	0.
106	106	841	SLU_ENV	Max	-0.34	0.	0.	0.
106	106	840	SLU_ENV	Min	-0.8	0.	0.	0.
106	106	855	SLU_ENV	Min	-0.12	0.	0.	0.
106	106	856	SLU_ENV	Min	-2.640E-02	0.	0.	0.
106	106	841	SLU_ENV	Min	-0.49	0.	0.	0.
106	106	840	SLV_Ex		30.27	-9.65	-186.45	79.989
106	106	855	SLV_Ex		28.01	-9.33	-181.	80.475
106	106	856	SLV_Ex		27.64	-7.15	-180.35	80.695
106	106	841	SLV_Ex		29.89	-7.48	-185.79	80.207
107	107	841	SLU_ENV	Max	4.040E-02	0.	0.	0.
107	107	856	SLU_ENV	Max	0.46	0.	0.	0.
107	107	857	SLU_ENV	Max	0.86	0.	0.	0.
107	107	842	SLU_ENV	Max	0.38	0.	0.	0.
107	107	841	SLU_ENV	Min	-0.28	0.	0.	0.
107	107	856	SLU_ENV	Min	-2.354E-02	0.	0.	0.
107	107	857	SLU_ENV	Min	8.070E-02	0.	0.	0.
107	107	842	SLU_ENV	Min	-0.12	0.	0.	0.
107	107	841	SLV_Ex		29.16	-6.05	-178.24	80.103
107	107	856	SLV_Ex		27.47	-5.72	-173.75	80.456
107	107	857	SLV_Ex		26.97	-3.56	-173.06	80.724
107	107	842	SLV_Ex		28.65	-3.9	-177.54	80.367
108	108	842	SLU_ENV	Max	0.13	0.	0.	0.
108	108	857	SLU_ENV	Max	2.14	0.	0.	0.
108	108	858	SLU_ENV	Max	2.99	0.	0.	0.
108	108	843	SLU_ENV	Max	0.86	0.	0.	0.
108	108	842	SLU_ENV	Min	-0.41	0.	0.	0.
108	108	857	SLU_ENV	Min	0.53	0.	0.	0.
108	108	858	SLU_ENV	Min	0.8	0.	0.	0.
108	108	843	SLU_ENV	Min	-2.332E-02	0.	0.	0.
108	108	842	SLV_Ex		28.19	-2.27	-169.56	80.153
108	108	857	SLV_Ex		26.14	-2.2	-165.64	80.671
108	108	858	SLV_Ex		25.25	-0.95	-165.02	81.035
108	108	843	SLV_Ex		27.3	-1.04	-168.92	80.511
109	109	843	SLU_ENV	Max	2.1	0.	0.	0.
109	109	858	SLU_ENV	Max	3.45	0.	0.	0.
109	109	859	SLU_ENV	Max	4.36	0.	0.	0.
109	109	844	SLU_ENV	Max	3.	0.	0.	0.
109	109	843	SLU_ENV	Min	0.39	0.	0.	0.
109	109	858	SLU_ENV	Min	0.92	0.	0.	0.
109	109	859	SLU_ENV	Min	1.22	0.	0.	0.
109	109	844	SLU_ENV	Min	0.68	0.	0.	0.
109	109	843	SLV_Ex		25.82	0.31	-160.39	80.628
109	109	858	SLV_Ex		24.97	0.71	-157.11	80.777
109	109	859	SLV_Ex		24.07	2.52	-156.36	81.183
109	109	844	SLV_Ex		24.92	2.11	-159.63	81.027
110	110	844	SLU_ENV	Max	3.47	0.	0.	0.
110	110	859	SLU_ENV	Max	6.14	0.	0.	0.
110	110	860	SLU_ENV	Max	7.85	0.	0.	0.
110	110	845	SLU_ENV	Max	5.18	0.	0.	0.
110	110	844	SLU_ENV	Min	0.78	0.	0.	0.
110	110	859	SLU_ENV	Min	1.88	0.	0.	0.
110	110	860	SLU_ENV	Min	2.53	0.	0.	0.



Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
110	110	845	SLU_ENV	Min	1.42	0.	0.	0.
110	110	844	SLV_Ex		24.71	3.84	-151.57	80.728
110	110	859	SLV_Ex		22.14	3.8	-147.42	81.488
110	110	860	SLV_Ex		20.35	2.71	-147.05	82.115
110	110	845	SLV_Ex		22.93	2.7	-151.15	81.33
111	111	845	SLU_ENV	Max	7.77	0.	0.	0.
111	111	860	SLU_ENV	Max	8.06	0.	0.	0.
111	111	861	SLU_ENV	Max	7.91	0.	0.	0.
111	111	846	SLU_ENV	Max	7.62	0.	0.	0.
111	111	845	SLU_ENV	Min	2.4	0.	0.	0.
111	111	860	SLU_ENV	Min	2.63	0.	0.	0.
111	111	861	SLU_ENV	Min	2.59	0.	0.	0.
111	111	846	SLU_ENV	Min	2.36	0.	0.	0.
111	111	845	SLV_Ex		19.79	3.84	-141.	82.069
111	111	860	SLV_Ex		20.34	4.8	-137.48	81.695
111	111	861	SLV_Ex		20.28	4.21	-137.59	81.691
111	111	846	SLV_Ex		19.73	3.25	-141.11	82.066
112	112	846	SLU_ENV	Max	7.37	0.	0.	0.
112	112	861	SLU_ENV	Max	8.5	0.	0.	0.
112	112	862	SLU_ENV	Max	8.81	0.	0.	0.
112	112	847	SLU_ENV	Max	7.68	0.	0.	0.
112	112	846	SLU_ENV	Min	2.29	0.	0.	0.
112	112	861	SLU_ENV	Min	2.93	0.	0.	0.
112	112	862	SLU_ENV	Min	3.25	0.	0.	0.
112	112	847	SLU_ENV	Min	2.62	0.	0.	0.
112	112	846	SLV_Ex		20.15	5.76	-130.36	81.39
112	112	861	SLV_Ex		18.37	5.86	-127.09	81.98
112	112	862	SLV_Ex		15.73	0.49	-127.42	82.883
112	112	847	SLV_Ex		17.51	0.35	-130.65	82.248
113	113	847	SLU_ENV	Max	5.94	0.	0.	0.
113	113	862	SLU_ENV	Max	6.06	0.	0.	0.
113	113	83	SLU_ENV	Max	2.86	0.	0.	0.
113	113	56	SLU_ENV	Max	2.74	0.	0.	0.
113	113	847	SLU_ENV	Min	2.17	0.	0.	0.
113	113	862	SLU_ENV	Min	2.45	0.	0.	0.
113	113	83	SLU_ENV	Min	1.34	0.	0.	0.
113	113	56	SLU_ENV	Min	1.07	0.	0.	0.
113	113	847	SLV_Ex		15.62	2.41	-118.34	82.502
113	113	862	SLV_Ex		16.45	3.32	-115.43	81.956
113	113	83	SLV_Ex		19.07	-4.762E-02	-117.14	80.496
113	113	56	SLV_Ex		18.24	-1.01	-120.	81.074
114	114	397	SLU_ENV	Max	-2.58	0.	0.	0.
114	114	415	SLU_ENV	Max	-2.94	0.	0.	0.
114	114	863	SLU_ENV	Max	-2.67	0.	0.	0.
114	114	848	SLU_ENV	Max	-2.31	0.	0.	0.
114	114	397	SLU_ENV	Min	-5.29	0.	0.	0.
114	114	415	SLU_ENV	Min	-5.8	0.	0.	0.
114	114	863	SLU_ENV	Min	-5.72	0.	0.	0.
114	114	848	SLU_ENV	Min	-5.21	0.	0.	0.
114	114	397	SLV_Ex		10.43	42.59	-227.95	87.788
114	114	415	SLV_Ex		9.51	42.26	-229.21	87.991
114	114	863	SLV_Ex		11.83	23.4	-233.23	87.356
114	114	848	SLV_Ex		12.75	23.75	-232.	87.139
115	115	848	SLU_ENV	Max	-3.2	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
115	115	863	SLU_ENV	Max	-3.16	0.	0.	0.
115	115	864	SLU_ENV	Max	-3.92	0.	0.	0.
115	115	849	SLU_ENV	Max	-3.96	0.	0.	0.
115	115	848	SLU_ENV	Min	-8.12	0.	0.	0.
115	115	863	SLU_ENV	Min	-7.68	0.	0.	0.
115	115	864	SLU_ENV	Min	-10.01	0.	0.	0.
115	115	849	SLU_ENV	Min	-10.45	0.	0.	0.
115	115	848	SLV_Ex		10.4	26.73	-215.96	87.542
115	115	863	SLV_Ex		10.7	25.89	-220.3	87.506
115	115	864	SLV_Ex		8.01	6.59	-223.93	88.007
115	115	849	SLV_Ex		7.71	7.44	-219.6	88.054
116	116	849	SLU_ENV	Max	-3.68	0.	0.	0.
116	116	864	SLU_ENV	Max	-4.1	0.	0.	0.
116	116	865	SLU_ENV	Max	-3.68	0.	0.	0.
116	116	850	SLU_ENV	Max	-3.27	0.	0.	0.
116	116	849	SLU_ENV	Min	-9.97	0.	0.	0.
116	116	864	SLU_ENV	Min	-10.8	0.	0.	0.
116	116	865	SLU_ENV	Min	-9.98	0.	0.	0.
116	116	850	SLU_ENV	Min	-9.15	0.	0.	0.
116	116	849	SLV_Ex		10.12	10.1	-207.57	87.332
116	116	864	SLV_Ex		7.85	9.42	-209.81	87.947
116	116	865	SLV_Ex		10.63	-6.95	-213.41	87.044
116	116	850	SLV_Ex		12.9	-6.2	-211.24	86.385
117	117	850	SLU_ENV	Max	-3.19	0.	0.	0.
117	117	865	SLU_ENV	Max	-3.35	0.	0.	0.
117	117	866	SLU_ENV	Max	-3.23	0.	0.	0.
117	117	851	SLU_ENV	Max	-3.08	0.	0.	0.
117	117	850	SLU_ENV	Min	-8.99	0.	0.	0.
117	117	865	SLU_ENV	Min	-9.21	0.	0.	0.
117	117	866	SLU_ENV	Min	-8.9	0.	0.	0.
117	117	851	SLU_ENV	Min	-8.68	0.	0.	0.
117	117	850	SLV_Ex		14.05	-3.95	-201.16	85.903
117	117	865	SLV_Ex		12.17	-4.66	-203.16	86.479
117	117	866	SLV_Ex		12.86	-14.52	-205.28	86.125
117	117	851	SLV_Ex		14.75	-13.79	-203.3	85.523
118	118	851	SLU_ENV	Max	-2.44	0.	0.	0.
118	118	866	SLU_ENV	Max	-3.07	0.	0.	0.
118	118	867	SLU_ENV	Max	-2.59	0.	0.	0.
118	118	852	SLU_ENV	Max	-1.96	0.	0.	0.
118	118	851	SLU_ENV	Min	-6.94	0.	0.	0.
118	118	866	SLU_ENV	Min	-8.47	0.	0.	0.
118	118	867	SLU_ENV	Min	-7.16	0.	0.	0.
118	118	852	SLU_ENV	Min	-5.63	0.	0.	0.
118	118	851	SLV_Ex		17.86	-11.91	-197.41	84.45
118	118	866	SLV_Ex		13.66	-12.69	-196.98	85.737
118	118	867	SLV_Ex		15.88	-18.09	-198.53	84.931
118	118	852	SLV_Ex		20.08	-17.19	-199.08	83.622
119	119	852	SLU_ENV	Max	-1.83	0.	0.	0.
119	119	867	SLU_ENV	Max	-2.04	0.	0.	0.
119	119	868	SLU_ENV	Max	-1.74	0.	0.	0.
119	119	853	SLU_ENV	Max	-1.53	0.	0.	0.
119	119	852	SLU_ENV	Min	-5.17	0.	0.	0.
119	119	867	SLU_ENV	Min	-5.65	0.	0.	0.
119	119	868	SLU_ENV	Min	-4.76	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
119	119	853	SLU_ENV	Min	-4.28	0.	0.	0.
119	119	852	SLV_Ex		20.95	-15.96	-194.39	83.209
119	119	867	SLV_Ex		17.72	-16.47	-192.77	84.201
119	119	868	SLV_Ex		18.77	-17.41	-193.23	83.837
119	119	853	SLV_Ex		21.99	-16.87	-194.89	82.848
120	120	853	SLU_ENV	Max	-1.09	0.	0.	0.
120	120	868	SLU_ENV	Max	-1.54	0.	0.	0.
120	120	869	SLU_ENV	Max	-1.2	0.	0.	0.
120	120	854	SLU_ENV	Max	-0.74	0.	0.	0.
120	120	853	SLU_ENV	Min	-3.	0.	0.	0.
120	120	868	SLU_ENV	Min	-4.13	0.	0.	0.
120	120	869	SLU_ENV	Min	-3.13	0.	0.	0.
120	120	854	SLU_ENV	Min	-2.	0.	0.	0.
120	120	853	SLV_Ex		23.37	-15.55	-190.81	82.267
120	120	868	SLV_Ex		19.53	-16.11	-188.05	83.434
120	120	869	SLV_Ex		20.6	-15.56	-188.24	83.098
120	120	854	SLV_Ex		24.43	-14.96	-191.04	81.943
121	121	854	SLU_ENV	Max	-0.74	0.	0.	0.
121	121	869	SLU_ENV	Max	-0.66	0.	0.	0.
121	121	870	SLU_ENV	Max	-0.37	0.	0.	0.
121	121	855	SLU_ENV	Max	-0.46	0.	0.	0.
121	121	854	SLU_ENV	Min	-1.86	0.	0.	0.
121	121	869	SLU_ENV	Min	-1.64	0.	0.	0.
121	121	870	SLU_ENV	Min	-0.8	0.	0.	0.
121	121	855	SLU_ENV	Min	-1.02	0.	0.	0.
121	121	854	SLV_Ex		24.59	-13.83	-186.12	81.707
121	121	869	SLV_Ex		21.72	-14.15	-183.26	82.556
121	121	870	SLV_Ex		22.11	-12.41	-183.01	82.49
121	121	855	SLV_Ex		24.97	-12.08	-185.87	81.649
122	122	855	SLU_ENV	Max	2.899E-02	0.	0.	0.
122	122	870	SLU_ENV	Max	-0.14	0.	0.	0.
122	122	871	SLU_ENV	Max	0.64	0.	0.	0.
122	122	856	SLU_ENV	Max	0.86	0.	0.	0.
122	122	855	SLU_ENV	Min	-0.12	0.	0.	0.
122	122	870	SLU_ENV	Min	-0.25	0.	0.	0.
122	122	871	SLU_ENV	Min	9.791E-02	0.	0.	0.
122	122	856	SLU_ENV	Min	0.18	0.	0.	0.
122	122	855	SLV_Ex		25.14	-10.77	-180.22	81.37
122	122	870	SLV_Ex		22.55	-11.	-177.22	82.128
122	122	871	SLV_Ex		22.82	-9.17	-176.91	82.105
122	122	856	SLV_Ex		25.41	-8.94	-179.91	81.354
123	123	856	SLU_ENV	Max	1.	0.	0.	0.
123	123	871	SLU_ENV	Max	2.14	0.	0.	0.
123	123	872	SLU_ENV	Max	3.15	0.	0.	0.
123	123	857	SLU_ENV	Max	2.	0.	0.	0.
123	123	856	SLU_ENV	Min	0.19	0.	0.	0.
123	123	871	SLU_ENV	Min	0.64	0.	0.	0.
123	123	872	SLU_ENV	Min	0.99	0.	0.	0.
123	123	857	SLU_ENV	Min	0.53	0.	0.	0.
123	123	856	SLV_Ex		25.25	-7.52	-173.3	81.132
123	123	871	SLV_Ex		22.96	-7.7	-170.39	81.803
123	123	872	SLV_Ex		22.59	-6.32	-169.96	81.987
123	123	857	SLV_Ex		24.88	-6.15	-172.85	81.317
124	124	857	SLU_ENV	Max	3.29	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
124	124	872	SLU_ENV	Max	3.79	0.	0.	0.
124	124	873	SLU_ENV	Max	4.71	0.	0.	0.
124	124	858	SLU_ENV	Max	4.2	0.	0.	0.
124	124	857	SLU_ENV	Min	0.98	0.	0.	0.
124	124	872	SLU_ENV	Min	1.19	0.	0.	0.
124	124	873	SLU_ENV	Min	1.51	0.	0.	0.
124	124	858	SLU_ENV	Min	1.29	0.	0.	0.
124	124	857	SLV_Ex		24.06	-4.8	-165.43	81.285
124	124	872	SLV_Ex		22.63	-4.66	-162.48	81.668
124	124	873	SLV_Ex		22.3	-3.12	-162.03	81.849
124	124	858	SLV_Ex		23.73	-3.27	-164.97	81.466
125	125	858	SLU_ENV	Max	4.67	0.	0.	0.
125	125	873	SLU_ENV	Max	6.26	0.	0.	0.
125	125	874	SLU_ENV	Max	7.6	0.	0.	0.
125	125	859	SLU_ENV	Max	6.01	0.	0.	0.
125	125	858	SLU_ENV	Min	1.42	0.	0.	0.
125	125	873	SLU_ENV	Min	2.08	0.	0.	0.
125	125	874	SLU_ENV	Min	2.58	0.	0.	0.
125	125	859	SLU_ENV	Min	1.92	0.	0.	0.
125	125	858	SLV_Ex		23.45	-1.62	-157.06	81.221
125	125	873	SLV_Ex		21.3	-1.65	-153.76	81.87
125	125	874	SLV_Ex		20.08	-1.65	-153.36	82.323
125	125	859	SLV_Ex		22.23	-1.64	-156.63	81.663
126	126	859	SLU_ENV	Max	7.79	0.	0.	0.
126	126	874	SLU_ENV	Max	8.06	0.	0.	0.
126	126	875	SLU_ENV	Max	8.43	0.	0.	0.
126	126	860	SLU_ENV	Max	8.16	0.	0.	0.
126	126	859	SLU_ENV	Min	2.58	0.	0.	0.
126	126	874	SLU_ENV	Min	2.77	0.	0.	0.
126	126	875	SLU_ENV	Min	2.91	0.	0.	0.
126	126	860	SLU_ENV	Min	2.73	0.	0.	0.
126	126	859	SLV_Ex		20.31	-0.34	-147.7	82.002
126	126	874	SLV_Ex		19.94	0.27	-144.35	81.998
126	126	875	SLV_Ex		19.62	0.87	-144.12	82.148
126	126	860	SLV_Ex		19.99	0.26	-147.46	82.149
127	127	860	SLU_ENV	Max	8.37	0.	0.	0.
127	127	875	SLU_ENV	Max	9.29	0.	0.	0.
127	127	876	SLU_ENV	Max	10.2	0.	0.	0.
127	127	861	SLU_ENV	Max	9.28	0.	0.	0.
127	127	860	SLU_ENV	Min	2.83	0.	0.	0.
127	127	875	SLU_ENV	Min	3.3	0.	0.	0.
127	127	876	SLU_ENV	Min	3.76	0.	0.	0.
127	127	861	SLU_ENV	Min	3.29	0.	0.	0.
127	127	860	SLV_Ex		19.98	2.36	-137.89	81.724
127	127	875	SLV_Ex		18.05	2.41	-134.71	82.369
127	127	876	SLV_Ex		16.36	0.46	-134.61	82.991
127	127	861	SLV_Ex		18.29	0.38	-137.76	82.323
128	128	861	SLU_ENV	Max	9.87	0.	0.	0.
128	128	876	SLU_ENV	Max	9.5	0.	0.	0.
128	128	877	SLU_ENV	Max	7.28	0.	0.	0.
128	128	862	SLU_ENV	Max	7.65	0.	0.	0.
128	128	861	SLU_ENV	Min	3.63	0.	0.	0.
128	128	876	SLU_ENV	Min	3.64	0.	0.	0.
128	128	877	SLU_ENV	Min	2.94	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
128	128	862	SLU_ENV	Min	2.94	0.	0.	0.
128	128	861	SLV_Ex		16.38	2.05	-127.28	82.663
128	128	876	SLV_Ex		16.7	2.8	-124.27	82.379
128	128	877	SLV_Ex		17.85	1.59	-124.92	81.802
128	128	862	SLV_Ex		17.53	0.82	-127.92	82.098
129	129	862	SLU_ENV	Max	4.9	0.	0.	0.
129	129	877	SLU_ENV	Max	5.49	0.	0.	0.
129	129	110	SLU_ENV	Max	5.67	0.	0.	0.
129	129	83	SLU_ENV	Max	5.08	0.	0.	0.
129	129	862	SLU_ENV	Min	2.14	0.	0.	0.
129	129	877	SLU_ENV	Min	2.54	0.	0.	0.
129	129	110	SLU_ENV	Min	2.87	0.	0.	0.
129	129	83	SLU_ENV	Min	2.47	0.	0.	0.
129	129	862	SLV_Ex		18.26	3.71	-115.98	81.118
129	129	877	SLV_Ex		17.82	3.84	-114.7	81.253
129	129	110	SLV_Ex		16.13	-0.3	-115.02	81.832
129	129	83	SLV_Ex		16.58	-0.42	-116.29	81.687
130	130	415	SLU_ENV	Max	-2.61	0.	0.	0.
130	130	433	SLU_ENV	Max	-2.81	0.	0.	0.
130	130	878	SLU_ENV	Max	-3.47	0.	0.	0.
130	130	863	SLU_ENV	Max	-3.27	0.	0.	0.
130	130	415	SLU_ENV	Min	-4.77	0.	0.	0.
130	130	433	SLU_ENV	Min	-5.	0.	0.	0.
130	130	878	SLU_ENV	Min	-7.08	0.	0.	0.
130	130	863	SLU_ENV	Min	-6.85	0.	0.	0.
130	130	415	SLV_Ex		11.91	37.36	-230.42	87.448
130	130	433	SLV_Ex		11.26	36.71	-233.32	87.609
130	130	878	SLV_Ex		8.31	21.23	-236.17	88.15
130	130	863	SLV_Ex		8.96	21.87	-233.26	87.985
131	131	863	SLU_ENV	Max	-3.77	0.	0.	0.
131	131	878	SLU_ENV	Max	-3.84	0.	0.	0.
131	131	879	SLU_ENV	Max	-3.74	0.	0.	0.
131	131	864	SLU_ENV	Max	-3.67	0.	0.	0.
131	131	863	SLU_ENV	Min	-8.8	0.	0.	0.
131	131	878	SLU_ENV	Min	-8.82	0.	0.	0.
131	131	879	SLU_ENV	Min	-9.19	0.	0.	0.
131	131	864	SLU_ENV	Min	-9.18	0.	0.	0.
131	131	863	SLV_Ex		7.84	24.37	-220.34	88.163
131	131	878	SLV_Ex		7.49	24.07	-221.74	88.252
131	131	879	SLV_Ex		8.81	7.26	-225.23	87.827
131	131	864	SLV_Ex		9.15	7.57	-223.84	87.731
132	132	864	SLU_ENV	Max	-3.84	0.	0.	0.
132	132	879	SLU_ENV	Max	-3.82	0.	0.	0.
132	132	880	SLU_ENV	Max	-4.05	0.	0.	0.
132	132	865	SLU_ENV	Max	-4.07	0.	0.	0.
132	132	864	SLU_ENV	Min	-9.97	0.	0.	0.
132	132	879	SLU_ENV	Min	-9.65	0.	0.	0.
132	132	880	SLU_ENV	Min	-10.42	0.	0.	0.
132	132	865	SLU_ENV	Min	-10.74	0.	0.	0.
132	132	864	SLV_Ex		8.99	10.4	-209.72	87.656
132	132	879	SLV_Ex		8.13	9.72	-212.68	87.904
132	132	880	SLV_Ex		6.92	-4.64	-215.47	88.118
132	132	865	SLV_Ex		7.79	-3.97	-212.5	87.859
133	133	865	SLU_ENV	Max	-3.74	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
133	133	880	SLU_ENV	Max	-4.02	0.	0.	0.
133	133	881	SLU_ENV	Max	-3.65	0.	0.	0.
133	133	866	SLU_ENV	Max	-3.37	0.	0.	0.
133	133	865	SLU_ENV	Min	-9.97	0.	0.	0.
133	133	880	SLU_ENV	Min	-10.53	0.	0.	0.
133	133	881	SLU_ENV	Min	-9.66	0.	0.	0.
133	133	866	SLU_ENV	Min	-9.1	0.	0.	0.
133	133	865	SLV_Ex		9.32	-1.74	-202.19	87.332
133	133	880	SLV_Ex		6.79	-2.41	-204.35	88.073
133	133	881	SLV_Ex		8.29	-12.51	-206.52	87.55
133	133	866	SLV_Ex		10.82	-11.78	-204.41	86.774
134	134	866	SLU_ENV	Max	-3.21	0.	0.	0.
134	134	881	SLU_ENV	Max	-3.28	0.	0.	0.
134	134	882	SLU_ENV	Max	-3.03	0.	0.	0.
134	134	867	SLU_ENV	Max	-2.96	0.	0.	0.
134	134	866	SLU_ENV	Min	-8.67	0.	0.	0.
134	134	881	SLU_ENV	Min	-8.69	0.	0.	0.
134	134	882	SLU_ENV	Min	-8.02	0.	0.	0.
134	134	867	SLU_ENV	Min	-8.	0.	0.	0.
134	134	866	SLV_Ex		11.62	-9.97	-196.09	86.413
134	134	881	SLV_Ex		9.05	-10.76	-198.28	87.23
134	134	882	SLV_Ex		9.64	-15.99	-199.41	86.985
134	134	867	SLV_Ex		12.21	-15.18	-197.24	86.147
135	135	867	SLU_ENV	Max	-2.4	0.	0.	0.
135	135	882	SLU_ENV	Max	-2.8	0.	0.	0.
135	135	883	SLU_ENV	Max	-2.35	0.	0.	0.
135	135	868	SLU_ENV	Max	-1.96	0.	0.	0.
135	135	867	SLU_ENV	Min	-6.49	0.	0.	0.
135	135	882	SLU_ENV	Min	-7.39	0.	0.	0.
135	135	883	SLU_ENV	Min	-6.15	0.	0.	0.
135	135	868	SLU_ENV	Min	-5.26	0.	0.	0.
135	135	867	SLV_Ex		14.05	-13.65	-191.39	85.452
135	135	882	SLV_Ex		10.28	-14.56	-192.79	86.689
135	135	883	SLV_Ex		11.72	-16.79	-193.46	86.187
135	135	868	SLV_Ex		15.49	-15.81	-192.13	84.939
136	136	868	SLU_ENV	Max	-1.76	0.	0.	0.
136	136	883	SLU_ENV	Max	-1.74	0.	0.	0.
136	136	884	SLU_ENV	Max	-1.34	0.	0.	0.
136	136	869	SLU_ENV	Max	-1.35	0.	0.	0.
136	136	868	SLU_ENV	Min	-4.63	0.	0.	0.
136	136	883	SLU_ENV	Min	-4.55	0.	0.	0.
136	136	884	SLU_ENV	Min	-3.43	0.	0.	0.
136	136	869	SLU_ENV	Min	-3.5	0.	0.	0.
136	136	868	SLV_Ex		16.26	-14.56	-186.9	84.562
136	136	883	SLV_Ex		13.31	-15.37	-187.86	85.561
136	136	884	SLV_Ex		14.26	-15.17	-188.	85.25
136	136	869	SLV_Ex		17.21	-14.32	-187.08	84.253
137	137	869	SLU_ENV	Max	-0.81	0.	0.	0.
137	137	884	SLU_ENV	Max	-1.03	0.	0.	0.
137	137	885	SLU_ENV	Max	-0.59	0.	0.	0.
137	137	870	SLU_ENV	Max	-0.37	0.	0.	0.
137	137	869	SLU_ENV	Min	-2.02	0.	0.	0.
137	137	884	SLU_ENV	Min	-2.56	0.	0.	0.
137	137	885	SLU_ENV	Min	-1.33	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
137	137	870	SLU_ENV	Min	-0.79	0.	0.	0.
137	137	869	SLV_Ex		18.34	-12.98	-182.04	83.736
137	137	884	SLV_Ex		15.23	-13.75	-182.14	84.791
137	137	885	SLV_Ex		16.3	-12.94	-182.21	84.448
137	137	870	SLV_Ex		19.41	-12.13	-182.15	83.4
138	138	870	SLU_ENV	Max	-0.13	0.	0.	0.
138	138	885	SLU_ENV	Max	0.37	0.	0.	0.
138	138	886	SLU_ENV	Max	1.6	0.	0.	0.
138	138	871	SLU_ENV	Max	1.04	0.	0.	0.
138	138	870	SLU_ENV	Min	-0.24	0.	0.	0.
138	138	885	SLU_ENV	Min	5.169E-02	0.	0.	0.
138	138	886	SLU_ENV	Min	0.49	0.	0.	0.
138	138	871	SLU_ENV	Min	0.26	0.	0.	0.
138	138	870	SLV_Ex		19.85	-10.76	-176.33	83.062
138	138	885	SLV_Ex		17.39	-11.37	-176.03	83.904
138	138	886	SLV_Ex		17.81	-10.32	-175.91	83.791
138	138	871	SLV_Ex		20.27	-9.7	-176.22	82.954
139	139	871	SLU_ENV	Max	2.53	0.	0.	0.
139	139	886	SLU_ENV	Max	2.48	0.	0.	0.
139	139	887	SLU_ENV	Max	3.63	0.	0.	0.
139	139	872	SLU_ENV	Max	3.67	0.	0.	0.
139	139	871	SLU_ENV	Min	0.81	0.	0.	0.
139	139	886	SLU_ENV	Min	0.81	0.	0.	0.
139	139	887	SLU_ENV	Min	1.22	0.	0.	0.
139	139	872	SLU_ENV	Min	1.22	0.	0.	0.
139	139	871	SLV_Ex		20.41	-8.25	-169.68	82.677
139	139	886	SLV_Ex		18.45	-8.62	-168.75	83.338
139	139	887	SLV_Ex		18.89	-7.67	-168.67	83.214
139	139	872	SLV_Ex		20.85	-7.29	-169.61	82.558
140	140	872	SLU_ENV	Max	4.32	0.	0.	0.
140	140	887	SLU_ENV	Max	5.26	0.	0.	0.
140	140	888	SLU_ENV	Max	6.52	0.	0.	0.
140	140	873	SLU_ENV	Max	5.58	0.	0.	0.
140	140	872	SLU_ENV	Min	1.43	0.	0.	0.
140	140	887	SLU_ENV	Min	1.85	0.	0.	0.
140	140	888	SLU_ENV	Min	2.31	0.	0.	0.
140	140	873	SLU_ENV	Min	1.89	0.	0.	0.
140	140	872	SLV_Ex		20.89	-5.65	-162.11	82.257
140	140	887	SLV_Ex		18.97	-5.94	-160.72	82.904
140	140	888	SLV_Ex		18.44	-5.9	-160.56	83.102
140	140	873	SLV_Ex		20.35	-5.62	-161.93	82.452
141	141	873	SLU_ENV	Max	7.13	0.	0.	0.
141	141	888	SLU_ENV	Max	7.19	0.	0.	0.
141	141	889	SLU_ENV	Max	7.91	0.	0.	0.
141	141	874	SLU_ENV	Max	7.85	0.	0.	0.
141	141	873	SLU_ENV	Min	2.47	0.	0.	0.
141	141	888	SLU_ENV	Min	2.56	0.	0.	0.
141	141	889	SLU_ENV	Min	2.84	0.	0.	0.
141	141	874	SLU_ENV	Min	2.75	0.	0.	0.
141	141	873	SLV_Ex		19.35	-4.15	-153.67	82.501
141	141	888	SLV_Ex		18.53	-3.93	-151.52	82.726
141	141	889	SLV_Ex		18.46	-3.45	-151.39	82.775
141	141	874	SLV_Ex		19.27	-3.67	-153.54	82.549
142	142	874	SLU_ENV	Max	8.32	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
142	142	889	SLU_ENV	Max	8.95	0.	0.	0.
142	142	890	SLU_ENV	Max	9.89	0.	0.	0.
142	142	875	SLU_ENV	Max	9.26	0.	0.	0.
142	142	874	SLU_ENV	Min	2.93	0.	0.	0.
142	142	889	SLU_ENV	Min	3.25	0.	0.	0.
142	142	890	SLU_ENV	Min	3.66	0.	0.	0.
142	142	875	SLU_ENV	Min	3.34	0.	0.	0.
142	142	874	SLV_Ex		19.12	-1.76	-144.53	82.231
142	142	889	SLV_Ex		17.37	-1.78	-142.12	82.833
142	142	890	SLV_Ex		16.08	-2.52	-141.9	83.328
142	142	875	SLV_Ex		17.83	-2.52	-144.28	82.714
143	143	875	SLU_ENV	Max	10.12	0.	0.	0.
143	143	890	SLU_ENV	Max	9.86	0.	0.	0.
143	143	891	SLU_ENV	Max	9.17	0.	0.	0.
143	143	876	SLU_ENV	Max	9.43	0.	0.	0.
143	143	875	SLU_ENV	Min	3.73	0.	0.	0.
143	143	890	SLU_ENV	Min	3.74	0.	0.	0.
143	143	891	SLU_ENV	Min	3.55	0.	0.	0.
143	143	876	SLU_ENV	Min	3.55	0.	0.	0.
143	143	875	SLV_Ex		16.26	-0.97	-134.89	82.973
143	143	890	SLV_Ex		16.1	-0.41	-132.03	82.919
143	143	891	SLV_Ex		16.37	0.11	-132.	82.827
143	143	876	SLV_Ex		16.52	-0.46	-134.86	82.883
144	144	876	SLU_ENV	Max	8.73	0.	0.	0.
144	144	891	SLU_ENV	Max	8.83	0.	0.	0.
144	144	892	SLU_ENV	Max	8.59	0.	0.	0.
144	144	877	SLU_ENV	Max	8.49	0.	0.	0.
144	144	876	SLU_ENV	Min	3.42	0.	0.	0.
144	144	891	SLU_ENV	Min	3.54	0.	0.	0.
144	144	892	SLU_ENV	Min	3.71	0.	0.	0.
144	144	877	SLU_ENV	Min	3.59	0.	0.	0.
144	144	876	SLV_Ex		16.87	1.88	-124.53	82.26
144	144	891	SLV_Ex		15.42	1.81	-122.73	82.832
144	144	892	SLV_Ex		14.75	0.89	-122.74	83.095
144	144	877	SLV_Ex		16.2	0.94	-124.52	82.515
145	145	877	SLU_ENV	Max	6.7	0.	0.	0.
145	145	892	SLU_ENV	Max	6.99	0.	0.	0.
145	145	163	SLU_ENV	Max	4.98	0.	0.	0.
145	145	110	SLU_ENV	Max	4.69	0.	0.	0.
145	145	877	SLU_ENV	Min	3.19	0.	0.	0.
145	145	892	SLU_ENV	Min	3.43	0.	0.	0.
145	145	163	SLU_ENV	Min	2.81	0.	0.	0.
145	145	110	SLU_ENV	Min	2.57	0.	0.	0.
145	145	877	SLV_Ex		16.17	3.16	-114.27	82.009
145	145	892	SLV_Ex		16.04	3.42	-112.9	81.994
145	145	163	SLV_Ex		17.25	2.69	-113.48	81.359
145	145	110	SLV_Ex		17.38	2.43	-114.86	81.38
146	146	433	SLU_ENV	Max	-3.49	0.	0.	0.
146	146	451	SLU_ENV	Max	-3.58	0.	0.	0.
146	146	893	SLU_ENV	Max	-3.22	0.	0.	0.
146	146	878	SLU_ENV	Max	-3.14	0.	0.	0.
146	146	433	SLU_ENV	Min	-6.35	0.	0.	0.
146	146	451	SLU_ENV	Min	-6.5	0.	0.	0.
146	146	893	SLU_ENV	Min	-6.34	0.	0.	0.



Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
146	146	878	SLU_ENV	Min	-6.19	0.	0.	0.
146	146	433	SLV_Ex		7.89	34.73	-233.43	88.313
146	146	451	SLV_Ex		7.58	34.51	-234.4	88.385
146	146	893	SLV_Ex		9.82	19.8	-237.53	87.811
146	146	878	SLV_Ex		10.14	20.02	-236.58	87.734
147	147	878	SLU_ENV	Max	-3.51	0.	0.	0.
147	147	893	SLU_ENV	Max	-3.53	0.	0.	0.
147	147	894	SLU_ENV	Max	-4.05	0.	0.	0.
147	147	879	SLU_ENV	Max	-4.02	0.	0.	0.
147	147	878	SLU_ENV	Min	-7.93	0.	0.	0.
147	147	893	SLU_ENV	Min	-7.76	0.	0.	0.
147	147	894	SLU_ENV	Min	-9.47	0.	0.	0.
147	147	879	SLU_ENV	Min	-9.65	0.	0.	0.
147	147	878	SLV_Ex		9.32	22.85	-222.13	87.818
147	147	893	SLV_Ex		8.4	22.41	-223.93	88.044
147	147	894	SLV_Ex		5.74	5.67	-227.11	88.586
147	147	879	SLV_Ex		6.66	6.09	-225.29	88.349
148	148	879	SLU_ENV	Max	-4.1	0.	0.	0.
148	148	894	SLU_ENV	Max	-4.06	0.	0.	0.
148	148	895	SLU_ENV	Max	-3.9	0.	0.	0.
148	148	880	SLU_ENV	Max	-3.93	0.	0.	0.
148	148	879	SLU_ENV	Min	-10.1	0.	0.	0.
148	148	894	SLU_ENV	Min	-9.93	0.	0.	0.
148	148	895	SLU_ENV	Min	-9.77	0.	0.	0.
148	148	880	SLU_ENV	Min	-9.94	0.	0.	0.
148	148	879	SLV_Ex		5.99	8.56	-212.75	88.45
148	148	894	SLV_Ex		5.12	8.14	-214.59	88.681
148	148	895	SLV_Ex		5.34	-4.81	-217.2	88.559
148	148	880	SLV_Ex		6.2	-4.38	-215.37	88.316
149	149	880	SLU_ENV	Max	-3.9	0.	0.	0.
149	149	895	SLU_ENV	Max	-3.9	0.	0.	0.
149	149	896	SLU_ENV	Max	-3.85	0.	0.	0.
149	149	881	SLU_ENV	Max	-3.85	0.	0.	0.
149	149	880	SLU_ENV	Min	-10.05	0.	0.	0.
149	149	895	SLU_ENV	Min	-9.78	0.	0.	0.
149	149	896	SLU_ENV	Min	-9.74	0.	0.	0.
149	149	881	SLU_ENV	Min	-10.01	0.	0.	0.
149	149	880	SLV_Ex		6.06	-2.16	-204.24	88.28
149	149	895	SLV_Ex		3.74	-2.85	-207.03	88.95
149	149	896	SLV_Ex		3.04	-11.51	-208.74	89.117
149	149	881	SLV_Ex		5.36	-10.83	-205.93	88.425
150	150	881	SLU_ENV	Max	-3.48	0.	0.	0.
150	150	896	SLU_ENV	Max	-3.73	0.	0.	0.
150	150	897	SLU_ENV	Max	-3.38	0.	0.	0.
150	150	882	SLU_ENV	Max	-3.14	0.	0.	0.
150	150	881	SLU_ENV	Min	-9.04	0.	0.	0.
150	150	896	SLU_ENV	Min	-9.48	0.	0.	0.
150	150	897	SLU_ENV	Min	-8.57	0.	0.	0.
150	150	882	SLU_ENV	Min	-8.13	0.	0.	0.
150	150	881	SLV_Ex		6.12	-9.11	-197.66	88.138
150	150	896	SLV_Ex		2.72	-10.11	-201.67	89.186
150	150	897	SLV_Ex		3.39	-14.45	-202.56	88.967
150	150	882	SLV_Ex		6.79	-13.43	-198.58	87.896
151	151	882	SLU_ENV	Max	-2.9	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
151	151	897	SLU_ENV	Max	-2.85	0.	0.	0.
151	151	898	SLU_ENV	Max	-2.45	0.	0.	0.
151	151	883	SLU_ENV	Max	-2.5	0.	0.	0.
151	151	882	SLU_ENV	Min	-7.5	0.	0.	0.
151	151	897	SLU_ENV	Min	-7.24	0.	0.	0.
151	151	898	SLU_ENV	Min	-6.22	0.	0.	0.
151	151	883	SLU_ENV	Min	-6.47	0.	0.	0.
151	151	882	SLV_Ex		7.43	-12.03	-191.94	87.63
151	151	897	SLV_Ex		4.74	-13.13	-196.35	88.516
151	151	898	SLV_Ex		5.68	-14.64	-196.72	88.21
151	151	883	SLV_Ex		8.38	-13.51	-192.34	87.313
152	152	883	SLU_ENV	Max	-1.9	0.	0.	0.
152	152	898	SLU_ENV	Max	-2.12	0.	0.	0.
152	152	899	SLU_ENV	Max	-1.61	0.	0.	0.
152	152	884	SLU_ENV	Max	-1.4	0.	0.	0.
152	152	883	SLU_ENV	Min	-4.87	0.	0.	0.
152	152	898	SLU_ENV	Min	-5.35	0.	0.	0.
152	152	899	SLU_ENV	Min	-4.01	0.	0.	0.
152	152	884	SLU_ENV	Min	-3.53	0.	0.	0.
152	152	883	SLV_Ex		9.96	-12.16	-186.66	86.721
152	152	898	SLV_Ex		6.8	-13.25	-190.27	87.798
152	152	899	SLV_Ex		8.29	-13.8	-190.54	87.309
152	152	884	SLV_Ex		11.46	-12.65	-186.98	86.224
153	153	884	SLU_ENV	Max	-1.09	0.	0.	0.
153	153	899	SLU_ENV	Max	-0.94	0.	0.	0.
153	153	900	SLU_ENV	Max	-0.43	0.	0.	0.
153	153	885	SLU_ENV	Max	-0.58	0.	0.	0.
153	153	884	SLU_ENV	Min	-2.66	0.	0.	0.
153	153	899	SLU_ENV	Min	-2.29	0.	0.	0.
153	153	900	SLU_ENV	Min	-0.94	0.	0.	0.
153	153	885	SLU_ENV	Min	-1.31	0.	0.	0.
153	153	884	SLV_Ex		12.42	-11.28	-181.08	85.794
153	153	899	SLV_Ex		10.01	-12.25	-183.97	86.653
153	153	900	SLV_Ex		11.11	-11.91	-184.06	86.292
153	153	885	SLV_Ex		13.52	-10.91	-181.2	85.431
154	154	885	SLU_ENV	Max	0.39	0.	0.	0.
154	154	900	SLU_ENV	Max	5.992E-02	0.	0.	0.
154	154	901	SLU_ENV	Max	1.42	0.	0.	0.
154	154	886	SLU_ENV	Max	1.74	0.	0.	0.
154	154	885	SLU_ENV	Min	6.003E-02	0.	0.	0.
154	154	900	SLU_ENV	Min	-6.315E-02	0.	0.	0.
154	154	901	SLU_ENV	Min	0.45	0.	0.	0.
154	154	886	SLU_ENV	Min	0.57	0.	0.	0.
154	154	885	SLV_Ex		14.61	-9.4	-174.96	84.918
154	154	900	SLV_Ex		12.29	-10.24	-176.85	85.76
154	154	901	SLV_Ex		13.49	-10.01	-177.02	85.351
154	154	886	SLV_Ex		15.82	-9.13	-175.18	84.508
155	155	886	SLU_ENV	Max	2.62	0.	0.	0.
155	155	901	SLU_ENV	Max	3.15	0.	0.	0.
155	155	902	SLU_ENV	Max	4.51	0.	0.	0.
155	155	887	SLU_ENV	Max	3.98	0.	0.	0.
155	155	886	SLU_ENV	Min	0.89	0.	0.	0.
155	155	901	SLU_ENV	Min	1.13	0.	0.	0.
155	155	902	SLU_ENV	Min	1.65	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
155	155	887	SLU_ENV	Min	1.4	0.	0.	0.
155	155	886	SLV_Ex		16.46	-7.47	-167.98	84.081
155	155	901	SLV_Ex		14.58	-8.19	-169.32	84.786
155	155	902	SLV_Ex		14.99	-8.38	-169.45	84.636
155	155	887	SLV_Ex		16.87	-7.66	-168.12	83.931
156	156	887	SLU_ENV	Max	5.61	0.	0.	0.
156	156	902	SLU_ENV	Max	5.4	0.	0.	0.
156	156	903	SLU_ENV	Max	6.47	0.	0.	0.
156	156	888	SLU_ENV	Max	6.68	0.	0.	0.
156	156	887	SLU_ENV	Min	2.02	0.	0.	0.
156	156	902	SLU_ENV	Min	1.99	0.	0.	0.
156	156	903	SLU_ENV	Min	2.41	0.	0.	0.
156	156	888	SLU_ENV	Min	2.45	0.	0.	0.
156	156	887	SLV_Ex		16.95	-5.95	-160.15	83.649
156	156	902	SLV_Ex		15.75	-6.36	-160.62	84.109
156	156	903	SLV_Ex		16.35	-6.8	-160.87	83.873
156	156	888	SLV_Ex		17.55	-6.39	-160.41	83.412
157	157	888	SLU_ENV	Max	7.35	0.	0.	0.
157	157	903	SLU_ENV	Max	7.85	0.	0.	0.
157	157	904	SLU_ENV	Max	8.82	0.	0.	0.
157	157	889	SLU_ENV	Max	8.32	0.	0.	0.
157	157	888	SLU_ENV	Min	2.7	0.	0.	0.
157	157	903	SLU_ENV	Min	2.98	0.	0.	0.
157	157	904	SLU_ENV	Min	3.35	0.	0.	0.
157	157	889	SLU_ENV	Min	3.07	0.	0.	0.
157	157	888	SLV_Ex		17.65	-4.43	-151.36	83.049
157	157	903	SLV_Ex		16.46	-4.74	-151.24	83.507
157	157	904	SLV_Ex		15.65	-6.14	-151.32	83.776
157	157	889	SLV_Ex		16.84	-5.84	-151.43	83.313
158	158	889	SLU_ENV	Max	9.36	0.	0.	0.
158	158	904	SLU_ENV	Max	9.15	0.	0.	0.
158	158	905	SLU_ENV	Max	9.26	0.	0.	0.
158	158	890	SLU_ENV	Max	9.47	0.	0.	0.
158	158	889	SLU_ENV	Min	3.48	0.	0.	0.
158	158	904	SLU_ENV	Min	3.51	0.	0.	0.
158	158	905	SLU_ENV	Min	3.61	0.	0.	0.
158	158	890	SLU_ENV	Min	3.58	0.	0.	0.
158	158	889	SLV_Ex		15.75	-4.17	-142.16	83.402
158	158	904	SLV_Ex		15.6	-3.85	-140.45	83.4
158	158	905	SLV_Ex		15.66	-3.74	-140.45	83.378
158	158	890	SLV_Ex		15.82	-4.06	-142.15	83.379
159	159	890	SLU_ENV	Max	9.44	0.	0.	0.
159	159	905	SLU_ENV	Max	9.34	0.	0.	0.
159	159	906	SLU_ENV	Max	9.6	0.	0.	0.
159	159	891	SLU_ENV	Max	9.7	0.	0.	0.
159	159	890	SLU_ENV	Min	3.65	0.	0.	0.
159	159	905	SLU_ENV	Min	3.66	0.	0.	0.
159	159	906	SLU_ENV	Min	3.88	0.	0.	0.
159	159	891	SLU_ENV	Min	3.87	0.	0.	0.
159	159	890	SLV_Ex		15.83	-1.95	-132.28	82.969
159	159	905	SLV_Ex		14.24	-2.06	-130.69	83.602
159	159	906	SLV_Ex		13.19	-1.94	-130.4	84.073
159	159	891	SLV_Ex		14.78	-1.85	-131.96	83.433
160	160	891	SLU_ENV	Max	9.35	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
160	160	906	SLU_ENV	Max	9.24	0.	0.	0.
160	160	907	SLU_ENV	Max	7.63	0.	0.	0.
160	160	892	SLU_ENV	Max	7.75	0.	0.	0.
160	160	891	SLU_ENV	Min	3.86	0.	0.	0.
160	160	906	SLU_ENV	Min	3.92	0.	0.	0.
160	160	907	SLU_ENV	Min	3.47	0.	0.	0.
160	160	892	SLU_ENV	Min	3.41	0.	0.	0.
160	160	891	SLV_Ex		13.84	-0.14	-122.7	83.475
160	160	906	SLV_Ex		13.57	0.22	-120.65	83.511
160	160	907	SLV_Ex		14.29	2.57	-120.35	83.276
160	160	892	SLV_Ex		14.56	2.21	-122.4	83.245
161	161	892	SLU_ENV	Max	6.15	0.	0.	0.
161	161	907	SLU_ENV	Max	6.35	0.	0.	0.
161	161	190	SLU_ENV	Max	6.58	0.	0.	0.
161	161	163	SLU_ENV	Max	6.38	0.	0.	0.
161	161	892	SLU_ENV	Min	3.12	0.	0.	0.
161	161	907	SLU_ENV	Min	3.24	0.	0.	0.
161	161	190	SLU_ENV	Min	3.63	0.	0.	0.
161	161	163	SLU_ENV	Min	3.51	0.	0.	0.
161	161	892	SLV_Ex		15.84	4.73	-112.54	82.162
161	161	907	SLV_Ex		14.83	4.53	-111.94	82.625
161	161	190	SLV_Ex		15.08	5.24	-111.87	82.539
161	161	163	SLV_Ex		16.09	5.43	-112.47	82.079
162	162	451	SLU_ENV	Max	-3.02	0.	0.	0.
162	162	469	SLU_ENV	Max	-3.2	0.	0.	0.
162	162	908	SLU_ENV	Max	-3.84	0.	0.	0.
162	162	893	SLU_ENV	Max	-3.66	0.	0.	0.
162	162	451	SLU_ENV	Min	-5.38	0.	0.	0.
162	162	469	SLU_ENV	Min	-5.72	0.	0.	0.
162	162	908	SLU_ENV	Min	-7.49	0.	0.	0.
162	162	893	SLU_ENV	Min	-7.15	0.	0.	0.
162	162	451	SLV_Ex		10.65	37.01	-234.14	87.748
162	162	469	SLV_Ex		9.07	36.74	-234.83	88.086
162	162	908	SLV_Ex		5.32	17.32	-238.48	88.808
162	162	893	SLV_Ex		6.9	17.55	-237.76	88.451
163	163	893	SLU_ENV	Max	-3.97	0.	0.	0.
163	163	908	SLU_ENV	Max	-3.55	0.	0.	0.
163	163	909	SLU_ENV	Max	-3.36	0.	0.	0.
163	163	894	SLU_ENV	Max	-3.77	0.	0.	0.
163	163	893	SLU_ENV	Min	-8.57	0.	0.	0.
163	163	908	SLU_ENV	Min	-7.74	0.	0.	0.
163	163	909	SLU_ENV	Min	-7.86	0.	0.	0.
163	163	894	SLU_ENV	Min	-8.69	0.	0.	0.
163	163	893	SLV_Ex		5.48	20.19	-224.18	88.716
163	163	908	SLV_Ex		7.06	19.96	-225.84	88.352
163	163	909	SLV_Ex		7.61	2.64	-229.36	88.12
163	163	894	SLV_Ex		6.02	2.87	-227.69	88.504
164	164	894	SLU_ENV	Max	-3.78	0.	0.	0.
164	164	909	SLU_ENV	Max	-3.91	0.	0.	0.
164	164	910	SLU_ENV	Max	-4.09	0.	0.	0.
164	164	895	SLU_ENV	Max	-3.96	0.	0.	0.
164	164	894	SLU_ENV	Min	-9.15	0.	0.	0.
164	164	909	SLU_ENV	Min	-9.08	0.	0.	0.
164	164	910	SLU_ENV	Min	-9.69	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
164	164	895	SLU_ENV	Min	-9.76	0.	0.	0.
164	164	894	SLV_Ex		5.4	5.34	-215.17	88.597
164	164	909	SLV_Ex		2.14	5.17	-215.35	89.444
164	164	910	SLV_Ex		-0.19	-8.01	-217.96	-89.949
164	164	895	SLV_Ex		3.07	-7.91	-217.71	89.161
165	165	895	SLU_ENV	Max	-3.96	0.	0.	0.
165	165	910	SLU_ENV	Max	-4.15	0.	0.	0.
165	165	911	SLU_ENV	Max	-4.1	0.	0.	0.
165	165	896	SLU_ENV	Max	-3.92	0.	0.	0.
165	165	895	SLU_ENV	Min	-9.78	0.	0.	0.
165	165	910	SLU_ENV	Min	-9.94	0.	0.	0.
165	165	911	SLU_ENV	Min	-9.78	0.	0.	0.
165	165	896	SLU_ENV	Min	-9.62	0.	0.	0.
165	165	895	SLV_Ex		1.48	-5.92	-207.58	89.581
165	165	910	SLV_Ex		-2.34	-7.06	-213.37	-89.349
165	165	911	SLV_Ex		-3.81	-11.35	-214.28	-88.925
165	165	896	SLV_Ex		1.382E-02	-10.26	-208.43	89.996
166	166	896	SLU_ENV	Max	-3.79	0.	0.	0.
166	166	911	SLU_ENV	Max	-3.66	0.	0.	0.
166	166	912	SLU_ENV	Max	-3.32	0.	0.	0.
166	166	897	SLU_ENV	Max	-3.46	0.	0.	0.
166	166	896	SLU_ENV	Min	-9.35	0.	0.	0.
166	166	911	SLU_ENV	Min	-8.84	0.	0.	0.
166	166	912	SLU_ENV	Min	-8.11	0.	0.	0.
166	166	897	SLU_ENV	Min	-8.62	0.	0.	0.
166	166	896	SLV_Ex		-0.3	-8.85	-201.37	-89.91
166	166	911	SLV_Ex		-2.84	-10.34	-209.06	-89.18
166	166	912	SLV_Ex		-2.28	-12.18	-209.41	-89.336
166	166	897	SLV_Ex		0.26	-10.68	-201.73	89.923
167	167	897	SLU_ENV	Max	-2.92	0.	0.	0.
167	167	912	SLU_ENV	Max	-3.04	0.	0.	0.
167	167	913	SLU_ENV	Max	-2.58	0.	0.	0.
167	167	898	SLU_ENV	Max	-2.46	0.	0.	0.
167	167	897	SLU_ENV	Min	-7.29	0.	0.	0.
167	167	912	SLU_ENV	Min	-7.46	0.	0.	0.
167	167	913	SLU_ENV	Min	-6.31	0.	0.	0.
167	167	898	SLU_ENV	Min	-6.14	0.	0.	0.
167	167	897	SLV_Ex		1.61	-9.41	-195.48	89.504
167	167	912	SLV_Ex		-1.3	-10.83	-202.56	-89.612
167	167	913	SLV_Ex		0.12	-12.15	-202.81	89.964
167	167	898	SLV_Ex		3.03	-10.69	-195.78	89.062
168	168	898	SLU_ENV	Max	-2.13	0.	0.	0.
168	168	913	SLU_ENV	Max	-1.95	0.	0.	0.
168	168	914	SLU_ENV	Max	-1.44	0.	0.	0.
168	168	899	SLU_ENV	Max	-1.63	0.	0.	0.
168	168	898	SLU_ENV	Min	-5.28	0.	0.	0.
168	168	913	SLU_ENV	Min	-4.78	0.	0.	0.
168	168	914	SLU_ENV	Min	-3.52	0.	0.	0.
168	168	899	SLU_ENV	Min	-4.02	0.	0.	0.
168	168	898	SLV_Ex		4.14	-9.33	-189.29	88.681
168	168	913	SLV_Ex		2.13	-10.61	-195.25	89.339
168	168	914	SLV_Ex		3.61	-10.99	-195.38	88.877
168	168	899	SLV_Ex		5.62	-9.68	-189.46	88.207
169	169	899	SLU_ENV	Max	-0.96	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
169	169	914	SLU_ENV	Max	-1.09	0.	0.	0.
169	169	915	SLU_ENV	Max	-0.55	0.	0.	0.
169	169	900	SLU_ENV	Max	-0.42	0.	0.	0.
169	169	899	SLU_ENV	Min	-2.3	0.	0.	0.
169	169	914	SLU_ENV	Min	-2.6	0.	0.	0.
169	169	915	SLU_ENV	Min	-1.22	0.	0.	0.
169	169	900	SLU_ENV	Min	-0.92	0.	0.	0.
169	169	899	SLV_Ex		7.34	-8.2	-182.83	87.589
169	169	914	SLV_Ex		5.02	-9.3	-187.37	88.383
169	169	915	SLV_Ex		6.71	-9.85	-187.61	87.835
169	169	900	SLV_Ex		9.03	-8.69	-183.12	87.029
170	170	900	SLU_ENV	Max	8.655E-02	0.	0.	0.
170	170	915	SLU_ENV	Max	0.45	0.	0.	0.
170	170	916	SLU_ENV	Max	1.84	0.	0.	0.
170	170	901	SLU_ENV	Max	1.47	0.	0.	0.
170	170	900	SLU_ENV	Min	-4.772E-02	0.	0.	0.
170	170	915	SLU_ENV	Min	0.12	0.	0.	0.
170	170	916	SLU_ENV	Min	0.66	0.	0.	0.
170	170	901	SLU_ENV	Min	0.49	0.	0.	0.
170	170	900	SLV_Ex		10.2	-7.06	-175.86	86.528
170	170	915	SLV_Ex		8.4	-8.04	-179.54	87.188
170	170	916	SLV_Ex		9.58	-8.49	-179.78	86.788
170	170	901	SLV_Ex		11.38	-7.48	-176.13	86.121
171	171	901	SLU_ENV	Max	3.21	0.	0.	0.
171	171	916	SLU_ENV	Max	2.77	0.	0.	0.
171	171	917	SLU_ENV	Max	4.06	0.	0.	0.
171	171	902	SLU_ENV	Max	4.5	0.	0.	0.
171	171	901	SLU_ENV	Min	1.17	0.	0.	0.
171	171	916	SLU_ENV	Min	1.02	0.	0.	0.
171	171	917	SLU_ENV	Min	1.54	0.	0.	0.
171	171	902	SLU_ENV	Min	1.69	0.	0.	0.
171	171	901	SLV_Ex		12.47	-5.7	-168.38	85.59
171	171	916	SLV_Ex		10.8	-6.58	-171.25	86.23
171	171	917	SLV_Ex		12.14	-7.5	-171.66	85.747
171	171	902	SLV_Ex		13.81	-6.6	-168.82	85.099
172	172	902	SLU_ENV	Max	5.38	0.	0.	0.
172	172	917	SLU_ENV	Max	5.62	0.	0.	0.
172	172	918	SLU_ENV	Max	6.81	0.	0.	0.
172	172	903	SLU_ENV	Max	6.57	0.	0.	0.
172	172	902	SLU_ENV	Min	2.04	0.	0.	0.
172	172	917	SLU_ENV	Min	2.19	0.	0.	0.
172	172	918	SLU_ENV	Min	2.67	0.	0.	0.
172	172	903	SLU_ENV	Min	2.52	0.	0.	0.
172	172	902	SLV_Ex		14.57	-4.59	-159.97	84.596
172	172	917	SLV_Ex		13.27	-5.45	-162.76	85.142
172	172	918	SLV_Ex		13.66	-7.13	-163.19	84.957
172	172	903	SLV_Ex		14.96	-6.27	-160.41	84.405
173	173	903	SLU_ENV	Max	7.95	0.	0.	0.
173	173	918	SLU_ENV	Max	7.49	0.	0.	0.
173	173	919	SLU_ENV	Max	8.28	0.	0.	0.
173	173	904	SLU_ENV	Max	8.74	0.	0.	0.
173	173	903	SLU_ENV	Min	3.08	0.	0.	0.
173	173	918	SLU_ENV	Min	2.98	0.	0.	0.
173	173	919	SLU_ENV	Min	3.35	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
173	173	904	SLU_ENV	Min	3.45	0.	0.	0.
173	173	903	SLV_Ex		15.07	-4.22	-150.77	84.067
173	173	918	SLV_Ex		14.52	-4.81	-152.96	84.349
173	173	919	SLV_Ex		15.29	-6.88	-153.58	83.986
173	173	904	SLV_Ex		15.84	-6.28	-151.4	83.697
174	174	904	SLU_ENV	Max	9.07	0.	0.	0.
174	174	919	SLU_ENV	Max	9.28	0.	0.	0.
174	174	920	SLU_ENV	Max	9.53	0.	0.	0.
174	174	905	SLU_ENV	Max	9.32	0.	0.	0.
174	174	904	SLU_ENV	Min	3.61	0.	0.	0.
174	174	919	SLU_ENV	Min	3.83	0.	0.	0.
174	174	920	SLU_ENV	Min	3.92	0.	0.	0.
174	174	905	SLU_ENV	Min	3.71	0.	0.	0.
174	174	904	SLV_Ex		15.79	-3.98	-140.54	83.315
174	174	919	SLV_Ex		15.65	-4.35	-142.08	83.433
174	174	920	SLV_Ex		14.18	-7.13	-142.28	83.944
174	174	905	SLV_Ex		14.32	-6.76	-140.73	83.829
175	175	905	SLU_ENV	Max	9.4	0.	0.	0.
175	175	920	SLU_ENV	Max	9.37	0.	0.	0.
175	175	921	SLU_ENV	Max	8.86	0.	0.	0.
175	175	906	SLU_ENV	Max	8.88	0.	0.	0.
175	175	905	SLU_ENV	Min	3.75	0.	0.	0.
175	175	920	SLU_ENV	Min	3.91	0.	0.	0.
175	175	921	SLU_ENV	Min	3.79	0.	0.	0.
175	175	906	SLU_ENV	Min	3.63	0.	0.	0.
175	175	905	SLV_Ex		12.9	-5.07	-130.98	84.088
175	175	920	SLV_Ex		13.55	-4.47	-128.93	83.71
175	175	921	SLV_Ex		13.39	-2.41	-128.45	83.869
175	175	906	SLV_Ex		12.73	-3.	-130.51	84.24
176	176	906	SLU_ENV	Max	8.51	0.	0.	0.
176	176	921	SLU_ENV	Max	7.75	0.	0.	0.
176	176	922	SLU_ENV	Max	7.74	0.	0.	0.
176	176	907	SLU_ENV	Max	8.5	0.	0.	0.
176	176	906	SLU_ENV	Min	3.67	0.	0.	0.
176	176	921	SLU_ENV	Min	3.3	0.	0.	0.
176	176	922	SLU_ENV	Min	3.56	0.	0.	0.
176	176	907	SLU_ENV	Min	3.93	0.	0.	0.
176	176	906	SLV_Ex		13.11	-0.85	-120.75	83.683
176	176	921	SLV_Ex		10.61	-1.31	-120.1	84.853
176	176	922	SLV_Ex		10.92	2.77	-119.32	84.846
176	176	907	SLV_Ex		13.42	3.24	-119.97	83.708
177	177	907	SLU_ENV	Max	7.22	0.	0.	0.
177	177	922	SLU_ENV	Max	7.58	0.	0.	0.
177	177	217	SLU_ENV	Max	5.87	0.	0.	0.
177	177	190	SLU_ENV	Max	5.5	0.	0.	0.
177	177	907	SLU_ENV	Min	3.7	0.	0.	0.
177	177	922	SLU_ENV	Min	3.9	0.	0.	0.
177	177	217	SLU_ENV	Min	3.29	0.	0.	0.
177	177	190	SLU_ENV	Min	3.09	0.	0.	0.
177	177	907	SLV_Ex		13.96	5.18	-111.54	83.081
177	177	922	SLV_Ex		13.54	5.19	-110.95	83.26
177	177	217	SLV_Ex		13.36	10.98	-109.66	83.602
177	177	190	SLV_Ex		13.78	10.97	-110.26	83.429
178	178	469	SLU_ENV	Max	-4.24	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
178	178	487	SLU_ENV	Max	-3.58	0.	0.	0.
178	178	923	SLU_ENV	Max	-2.41	0.	0.	0.
178	178	908	SLU_ENV	Max	-3.06	0.	0.	0.
178	178	469	SLU_ENV	Min	-7.7	0.	0.	0.
178	178	487	SLU_ENV	Min	-6.67	0.	0.	0.
178	178	923	SLU_ENV	Min	-4.96	0.	0.	0.
178	178	908	SLU_ENV	Min	-6.	0.	0.	0.
178	178	469	SLV_Ex		2.25	43.9	-233.06	89.535
178	178	487	SLV_Ex		5.78	42.48	-240.73	88.83
178	178	923	SLV_Ex		12.49	15.61	-246.68	87.268
178	178	908	SLV_Ex		8.96	16.84	-238.82	87.991
179	179	908	SLU_ENV	Max	-2.78	0.	0.	0.
179	179	923	SLU_ENV	Max	-3.38	0.	0.	0.
179	179	924	SLU_ENV	Max	-3.92	0.	0.	0.
179	179	909	SLU_ENV	Max	-3.33	0.	0.	0.
179	179	908	SLU_ENV	Min	-6.25	0.	0.	0.
179	179	923	SLU_ENV	Min	-7.05	0.	0.	0.
179	179	924	SLU_ENV	Min	-8.49	0.	0.	0.
179	179	909	SLU_ENV	Min	-7.68	0.	0.	0.
179	179	908	SLV_Ex		10.7	19.54	-226.24	87.502
179	179	923	SLV_Ex		4.5	21.	-216.67	88.915
179	179	924	SLV_Ex		-0.3	-8.32	-222.43	-89.92
179	179	909	SLV_Ex		5.9	-10.	-231.78	88.474
180	180	909	SLU_ENV	Max	-3.88	0.	0.	0.
180	180	924	SLU_ENV	Max	-4.29	0.	0.	0.
180	180	925	SLU_ENV	Max	-4.8	0.	0.	0.
180	180	910	SLU_ENV	Max	-4.39	0.	0.	0.
180	180	909	SLU_ENV	Min	-8.9	0.	0.	0.
180	180	924	SLU_ENV	Min	-9.35	0.	0.	0.
180	180	925	SLU_ENV	Min	-10.32	0.	0.	0.
180	180	910	SLU_ENV	Min	-9.87	0.	0.	0.
180	180	909	SLV_Ex		0.44	-7.4	-217.84	89.881
180	180	924	SLV_Ex		-6.26	-9.35	-228.63	-88.364
180	180	925	SLV_Ex		-12.1	-10.39	-229.42	-86.827
180	180	910	SLV_Ex		-5.41	-8.8	-218.28	-88.52
181	181	910	SLU_ENV	Max	-4.45	0.	0.	0.
181	181	925	SLU_ENV	Max	-4.19	0.	0.	0.
181	181	926	SLU_ENV	Max	-3.81	0.	0.	0.
181	181	911	SLU_ENV	Max	-4.07	0.	0.	0.
181	181	910	SLU_ENV	Min	-10.12	0.	0.	0.
181	181	925	SLU_ENV	Min	-9.3	0.	0.	0.
181	181	926	SLU_ENV	Min	-8.69	0.	0.	0.
181	181	911	SLU_ENV	Min	-9.51	0.	0.	0.
181	181	910	SLV_Ex		-7.57	-7.74	-213.81	-87.895
181	181	925	SLV_Ex		-10.06	-10.42	-228.34	-87.352
181	181	926	SLV_Ex		-9.49	-10.12	-228.22	-87.503
181	181	911	SLV_Ex		-7.	-7.43	-213.7	-88.053
182	182	911	SLU_ENV	Max	-3.62	0.	0.	0.
182	182	926	SLU_ENV	Max	-3.56	0.	0.	0.
182	182	927	SLU_ENV	Max	-3.18	0.	0.	0.
182	182	912	SLU_ENV	Max	-3.24	0.	0.	0.
182	182	911	SLU_ENV	Min	-8.57	0.	0.	0.
182	182	926	SLU_ENV	Min	-8.27	0.	0.	0.
182	182	927	SLU_ENV	Min	-7.43	0.	0.	0.



Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
182	182	912	SLU_ENV	Min	-7.73	0.	0.	0.
182	182	911	SLV_Ex		-6.04	-6.45	-208.45	-88.285
182	182	926	SLV_Ex		-8.44	-8.69	-220.6	-87.716
182	182	927	SLV_Ex		-7.14	-9.68	-220.68	-88.061
182	182	912	SLV_Ex		-4.74	-7.41	-208.56	-88.65
183	183	912	SLU_ENV	Max	-2.96	0.	0.	0.
183	183	927	SLU_ENV	Max	-2.6	0.	0.	0.
183	183	928	SLU_ENV	Max	-2.12	0.	0.	0.
183	183	913	SLU_ENV	Max	-2.48	0.	0.	0.
183	183	912	SLU_ENV	Min	-7.09	0.	0.	0.
183	183	927	SLU_ENV	Min	-6.17	0.	0.	0.
183	183	928	SLU_ENV	Min	-5.12	0.	0.	0.
183	183	913	SLU_ENV	Min	-6.04	0.	0.	0.
183	183	912	SLV_Ex		-3.75	-6.08	-201.68	-88.901
183	183	927	SLV_Ex		-4.84	-7.88	-210.94	-88.635
183	183	928	SLV_Ex		-3.1	-8.57	-211.	-89.122
183	183	913	SLV_Ex		-2.02	-6.76	-201.75	-89.408
184	184	913	SLU_ENV	Max	-1.85	0.	0.	0.
184	184	928	SLU_ENV	Max	-1.86	0.	0.	0.
184	184	929	SLU_ENV	Max	-1.38	0.	0.	0.
184	184	914	SLU_ENV	Max	-1.37	0.	0.	0.
184	184	913	SLU_ENV	Min	-4.51	0.	0.	0.
184	184	928	SLU_ENV	Min	-4.48	0.	0.	0.
184	184	929	SLU_ENV	Min	-3.3	0.	0.	0.
184	184	914	SLU_ENV	Min	-3.33	0.	0.	0.
184	184	913	SLV_Ex		-5.843E-03	-5.26	-194.15	-89.998
184	184	928	SLV_Ex		-1.73	-6.59	-200.91	-89.489
184	184	929	SLV_Ex		0.1	-7.87	-201.15	89.969
184	184	914	SLV_Ex		1.83	-6.5	-194.42	89.442
185	185	914	SLU_ENV	Max	-1.02	0.	0.	0.
185	185	929	SLU_ENV	Max	-0.8	0.	0.	0.
185	185	930	SLU_ENV	Max	-0.31	0.	0.	0.
185	185	915	SLU_ENV	Max	-0.53	0.	0.	0.
185	185	914	SLU_ENV	Min	-2.41	0.	0.	0.
185	185	929	SLU_ENV	Min	-1.89	0.	0.	0.
185	185	930	SLU_ENV	Min	-0.67	0.	0.	0.
185	185	915	SLU_ENV	Min	-1.19	0.	0.	0.
185	185	914	SLV_Ex		3.24	-4.84	-186.37	88.977
185	185	929	SLV_Ex		1.97	-5.9	-191.45	89.39
185	185	930	SLV_Ex		3.52	-6.78	-191.68	88.91
185	185	915	SLV_Ex		4.78	-5.69	-186.62	88.485
186	186	915	SLU_ENV	Max	0.49	0.	0.	0.
186	186	930	SLU_ENV	Max	5.952E-02	0.	0.	0.
186	186	931	SLU_ENV	Max	1.29	0.	0.	0.
186	186	916	SLU_ENV	Max	1.72	0.	0.	0.
186	186	915	SLU_ENV	Min	0.14	0.	0.	0.
186	186	930	SLU_ENV	Min	-3.405E-02	0.	0.	0.
186	186	931	SLU_ENV	Min	0.46	0.	0.	0.
186	186	916	SLU_ENV	Min	0.63	0.	0.	0.
186	186	915	SLV_Ex		6.48	-3.93	-178.51	87.873
186	186	930	SLV_Ex		4.74	-4.85	-182.39	88.469
186	186	931	SLV_Ex		6.37	-6.12	-182.77	87.932
186	186	916	SLV_Ex		8.11	-5.17	-178.93	87.323
187	187	916	SLU_ENV	Max	2.65	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
187	187	931	SLU_ENV	Max	2.71	0.	0.	0.
187	187	932	SLU_ENV	Max	3.91	0.	0.	0.
187	187	917	SLU_ENV	Max	3.85	0.	0.	0.
187	187	916	SLU_ENV	Min	0.99	0.	0.	0.
187	187	931	SLU_ENV	Min	1.04	0.	0.	0.
187	187	932	SLU_ENV	Min	1.53	0.	0.	0.
187	187	917	SLU_ENV	Min	1.48	0.	0.	0.
187	187	916	SLV_Ex		9.33	-3.29	-170.36	86.795
187	187	931	SLV_Ex		7.82	-4.22	-174.05	87.359
187	187	932	SLV_Ex		8.95	-5.62	-174.47	86.957
187	187	917	SLV_Ex		10.46	-4.66	-170.8	86.382
188	188	917	SLU_ENV	Max	5.41	0.	0.	0.
188	188	932	SLU_ENV	Max	4.57	0.	0.	0.
188	188	933	SLU_ENV	Max	5.65	0.	0.	0.
188	188	918	SLU_ENV	Max	6.49	0.	0.	0.
188	188	917	SLU_ENV	Min	2.13	0.	0.	0.
188	188	932	SLU_ENV	Min	1.81	0.	0.	0.
188	188	933	SLU_ENV	Min	2.3	0.	0.	0.
188	188	918	SLU_ENV	Min	2.62	0.	0.	0.
188	188	917	SLV_Ex		11.6	-2.65	-161.86	85.812
188	188	932	SLV_Ex		10.08	-3.7	-165.77	86.428
188	188	933	SLV_Ex		11.57	-5.74	-166.43	85.859
188	188	918	SLV_Ex		13.09	-4.66	-162.56	85.228
189	189	918	SLU_ENV	Max	7.18	0.	0.	0.
189	189	933	SLU_ENV	Max	6.95	0.	0.	0.
189	189	934	SLU_ENV	Max	7.84	0.	0.	0.
189	189	919	SLU_ENV	Max	8.07	0.	0.	0.
189	189	918	SLU_ENV	Min	2.93	0.	0.	0.
189	189	933	SLU_ENV	Min	2.9	0.	0.	0.
189	189	934	SLU_ENV	Min	3.31	0.	0.	0.
189	189	919	SLU_ENV	Min	3.34	0.	0.	0.
189	189	918	SLV_Ex		13.94	-2.36	-152.31	84.641
189	189	933	SLV_Ex		12.91	-3.69	-157.69	85.173
189	189	934	SLV_Ex		13.5	-6.64	-158.43	84.876
189	189	919	SLV_Ex		14.53	-5.29	-153.06	84.328
190	190	919	SLU_ENV	Max	9.07	0.	0.	0.
190	190	934	SLU_ENV	Max	8.3	0.	0.	0.
190	190	935	SLU_ENV	Max	8.98	0.	0.	0.
190	190	920	SLU_ENV	Max	9.75	0.	0.	0.
190	190	919	SLU_ENV	Min	3.82	0.	0.	0.
190	190	934	SLU_ENV	Min	3.59	0.	0.	0.
190	190	935	SLU_ENV	Min	4.01	0.	0.	0.
190	190	920	SLU_ENV	Min	4.24	0.	0.	0.
190	190	919	SLV_Ex		14.9	-2.78	-141.55	83.802
190	190	934	SLV_Ex		14.63	-4.2	-147.99	84.129
190	190	935	SLV_Ex		15.79	-8.19	-149.14	83.525
190	190	920	SLV_Ex		16.06	-6.75	-142.71	83.169
191	191	920	SLU_ENV	Max	9.59	0.	0.	0.
191	191	935	SLU_ENV	Max	10.06	0.	0.	0.
191	191	936	SLU_ENV	Max	9.2	0.	0.	0.
191	191	921	SLU_ENV	Max	8.73	0.	0.	0.
191	191	920	SLU_ENV	Min	4.23	0.	0.	0.
191	191	935	SLU_ENV	Min	4.65	0.	0.	0.
191	191	936	SLU_ENV	Min	4.21	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
191	191	921	SLU_ENV	Min	3.79	0.	0.	0.
191	191	920	SLV_Ex		15.43	-4.07	-129.38	82.87
191	191	935	SLV_Ex		17.32	-4.73	-135.14	82.297
191	191	936	SLV_Ex		14.	-9.53	-135.18	83.562
191	191	921	SLV_Ex		12.11	-8.81	-129.48	84.21
192	192	921	SLU_ENV	Max	7.63	0.	0.	0.
192	192	936	SLU_ENV	Max	8.46	0.	0.	0.
192	192	937	SLU_ENV	Max	7.12	0.	0.	0.
192	192	922	SLU_ENV	Max	6.3	0.	0.	0.
192	192	921	SLU_ENV	Min	3.3	0.	0.	0.
192	192	936	SLU_ENV	Min	3.91	0.	0.	0.
192	192	937	SLU_ENV	Min	3.42	0.	0.	0.
192	192	922	SLU_ENV	Min	2.81	0.	0.	0.
192	192	921	SLV_Ex		9.34	-7.69	-121.16	85.263
192	192	936	SLV_Ex		11.57	-6.02	-115.56	83.904
192	192	937	SLV_Ex		10.47	5.83	-112.83	84.919
192	192	922	SLV_Ex		8.24	4.24	-118.51	86.142
193	193	922	SLU_ENV	Max	6.14	0.	0.	0.
193	193	937	SLU_ENV	Max	5.15	0.	0.	0.
193	193	244	SLU_ENV	Max	6.87	0.	0.	0.
193	193	217	SLU_ENV	Max	7.86	0.	0.	0.
193	193	922	SLU_ENV	Min	3.15	0.	0.	0.
193	193	937	SLU_ENV	Min	2.52	0.	0.	0.
193	193	244	SLU_ENV	Min	3.7	0.	0.	0.
193	193	217	SLU_ENV	Min	4.33	0.	0.	0.
193	193	922	SLV_Ex		10.85	6.5	-109.99	84.631
193	193	937	SLV_Ex		7.08	5.02	-113.82	86.576
193	193	244	SLV_Ex		10.7	18.49	-111.68	85.268
193	193	217	SLV_Ex		14.47	20.14	-108.02	83.476
194	194	487	SLU_ENV	Max	-0.27	0.	0.	0.
194	194	505	SLU_ENV	Max	-1.36	0.	0.	0.
194	194	938	SLU_ENV	Max	-4.28	0.	0.	0.
194	194	923	SLU_ENV	Max	-3.25	0.	0.	0.
194	194	487	SLU_ENV	Min	-1.11	0.	0.	0.
194	194	505	SLU_ENV	Min	-2.91	0.	0.	0.
194	194	938	SLU_ENV	Min	-8.26	0.	0.	0.
194	194	923	SLU_ENV	Min	-6.41	0.	0.	0.
194	194	487	SLV_Ex		25.98	80.71	-235.52	85.271
194	194	505	SLV_Ex		16.77	88.81	-188.26	86.523
194	194	938	SLV_Ex		-3.49	-9.15	-206.7	-88.988
194	194	923	SLV_Ex		5.72	-18.29	-252.91	88.603
195	195	923	SLU_ENV	Max	-4.21	0.	0.	0.
195	195	938	SLU_ENV	Max	-5.05	0.	0.	0.
195	195	939	SLU_ENV	Max	-5.97	0.	0.	0.
195	195	924	SLU_ENV	Max	-5.13	0.	0.	0.
195	195	923	SLU_ENV	Min	-8.5	0.	0.	0.
195	195	938	SLU_ENV	Min	-9.62	0.	0.	0.
195	195	939	SLU_ENV	Min	-11.36	0.	0.	0.
195	195	924	SLU_ENV	Min	-10.23	0.	0.	0.
195	195	923	SLV_Ex		-2.27	-12.51	-223.3	-89.383
195	195	938	SLV_Ex		-14.28	-19.69	-264.09	-86.643
195	195	939	SLV_Ex		-24.86	-13.97	-264.93	-84.287
195	195	924	SLV_Ex		-12.84	-7.7	-223.23	-86.578
196	196	924	SLU_ENV	Max	-5.5	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
196	196	939	SLU_ENV	Max	-4.61	0.	0.	0.
196	196	940	SLU_ENV	Max	-3.73	0.	0.	0.
196	196	925	SLU_ENV	Max	-4.62	0.	0.	0.
196	196	924	SLU_ENV	Min	-11.1	0.	0.	0.
196	196	939	SLU_ENV	Min	-9.07	0.	0.	0.
196	196	940	SLU_ENV	Min	-7.69	0.	0.	0.
196	196	925	SLU_ENV	Min	-9.71	0.	0.	0.
196	196	924	SLV_Ex		-18.8	-8.06	-230.08	-85.124
196	196	939	SLV_Ex		-18.58	-15.74	-267.15	-85.75
196	196	940	SLV_Ex		-15.69	-10.53	-265.61	-86.467
196	196	925	SLV_Ex		-15.91	-2.91	-228.48	-85.945
197	197	925	SLU_ENV	Max	-4.02	0.	0.	0.
197	197	940	SLU_ENV	Max	-3.49	0.	0.	0.
197	197	941	SLU_ENV	Max	-3.02	0.	0.	0.
197	197	926	SLU_ENV	Max	-3.54	0.	0.	0.
197	197	925	SLU_ENV	Min	-8.69	0.	0.	0.
197	197	940	SLU_ENV	Min	-7.41	0.	0.	0.
197	197	941	SLU_ENV	Min	-6.59	0.	0.	0.
197	197	926	SLU_ENV	Min	-7.87	0.	0.	0.
197	197	925	SLV_Ex		-13.86	-3.	-227.33	-86.45
197	197	940	SLV_Ex		-14.01	-7.58	-249.96	-86.682
197	197	941	SLV_Ex		-11.46	-8.26	-249.78	-87.278
197	197	926	SLV_Ex		-11.32	-3.7	-227.13	-87.093
198	198	926	SLU_ENV	Max	-3.29	0.	0.	0.
198	198	941	SLU_ENV	Max	-2.48	0.	0.	0.
198	198	942	SLU_ENV	Max	-2.02	0.	0.	0.
198	198	927	SLU_ENV	Max	-2.83	0.	0.	0.
198	198	926	SLU_ENV	Min	-7.46	0.	0.	0.
198	198	941	SLU_ENV	Min	-5.58	0.	0.	0.
198	198	942	SLU_ENV	Min	-4.71	0.	0.	0.
198	198	927	SLU_ENV	Min	-6.59	0.	0.	0.
198	198	926	SLV_Ex		-10.26	-2.28	-219.49	-87.289
198	198	941	SLV_Ex		-8.93	-5.2	-233.31	-87.755
198	198	942	SLV_Ex		-6.7	-6.18	-233.33	-88.309
198	198	927	SLV_Ex		-8.03	-3.29	-219.47	-87.87
199	199	927	SLU_ENV	Max	-2.24	0.	0.	0.
199	199	942	SLU_ENV	Max	-1.92	0.	0.	0.
199	199	943	SLU_ENV	Max	-1.55	0.	0.	0.
199	199	928	SLU_ENV	Max	-1.87	0.	0.	0.
199	199	927	SLU_ENV	Min	-5.33	0.	0.	0.
199	199	942	SLU_ENV	Min	-4.52	0.	0.	0.
199	199	943	SLU_ENV	Min	-3.68	0.	0.	0.
199	199	928	SLU_ENV	Min	-4.48	0.	0.	0.
199	199	927	SLV_Ex		-5.73	-1.51	-209.72	-88.422
199	199	942	SLV_Ex		-5.8	-3.24	-218.35	-88.454
199	199	943	SLV_Ex		-3.97	-5.4	-218.68	-88.933
199	199	928	SLV_Ex		-3.9	-3.68	-210.05	-88.917
200	200	928	SLU_ENV	Max	-1.6	0.	0.	0.
200	200	943	SLU_ENV	Max	-1.14	0.	0.	0.
200	200	944	SLU_ENV	Max	-0.76	0.	0.	0.
200	200	929	SLU_ENV	Max	-1.23	0.	0.	0.
200	200	928	SLU_ENV	Min	-3.84	0.	0.	0.
200	200	943	SLU_ENV	Min	-2.74	0.	0.	0.
200	200	944	SLU_ENV	Min	-1.85	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
200	200	929	SLU_ENV	Min	-2.95	0.	0.	0.
200	200	928	SLV_Ex		-2.53	-1.71	-199.95	-89.269
200	200	943	SLV_Ex		-2.42	-2.79	-205.35	-89.315
200	200	944	SLV_Ex		-0.89	-4.35	-205.63	-89.748
200	200	929	SLV_Ex		-0.99	-3.27	-200.23	-89.712
201	201	929	SLU_ENV	Max	-0.65	0.	0.	0.
201	201	944	SLU_ENV	Max	-0.67	0.	0.	0.
201	201	945	SLU_ENV	Max	-0.31	0.	0.	0.
201	201	930	SLU_ENV	Max	-0.28	0.	0.	0.
201	201	929	SLU_ENV	Min	-1.54	0.	0.	0.
201	201	944	SLU_ENV	Min	-1.6	0.	0.	0.
201	201	945	SLU_ENV	Min	-0.67	0.	0.	0.
201	201	930	SLU_ENV	Min	-0.62	0.	0.	0.
201	201	929	SLV_Ex		0.88	-1.32	-190.52	89.734
201	201	944	SLV_Ex		-0.19	-2.	-193.9	-89.944
201	201	945	SLV_Ex		1.26	-3.91	-194.29	89.62
201	201	930	SLV_Ex		2.33	-3.21	-190.93	89.288
202	202	930	SLU_ENV	Max	0.11	0.	0.	0.
202	202	945	SLU_ENV	Max	0.29	0.	0.	0.
202	202	946	SLU_ENV	Max	1.22	0.	0.	0.
202	202	931	SLU_ENV	Max	1.03	0.	0.	0.
202	202	930	SLU_ENV	Min	-6.431E-03	0.	0.	0.
202	202	945	SLU_ENV	Min	8.937E-02	0.	0.	0.
202	202	946	SLU_ENV	Min	0.46	0.	0.	0.
202	202	931	SLU_ENV	Min	0.36	0.	0.	0.
202	202	930	SLV_Ex		3.56	-1.3	-181.62	88.869
202	202	945	SLV_Ex		2.37	-1.84	-184.09	89.255
202	202	946	SLV_Ex		3.53	-3.32	-184.43	88.882
202	202	931	SLV_Ex		4.72	-2.76	-181.97	88.49
203	203	931	SLU_ENV	Max	2.45	0.	0.	0.
203	203	946	SLU_ENV	Max	1.48	0.	0.	0.
203	203	947	SLU_ENV	Max	2.38	0.	0.	0.
203	203	932	SLU_ENV	Max	3.35	0.	0.	0.
203	203	931	SLU_ENV	Min	0.95	0.	0.	0.
203	203	946	SLU_ENV	Min	0.55	0.	0.	0.
203	203	947	SLU_ENV	Min	0.93	0.	0.	0.
203	203	932	SLU_ENV	Min	1.33	0.	0.	0.
203	203	931	SLV_Ex		6.17	-0.89	-173.22	87.948
203	203	946	SLV_Ex		4.17	-1.5	-175.51	88.627
203	203	947	SLV_Ex		5.5	-3.25	-175.95	88.175
203	203	932	SLV_Ex		7.5	-2.62	-173.69	87.486
204	204	932	SLU_ENV	Max	4.02	0.	0.	0.
204	204	947	SLU_ENV	Max	3.32	0.	0.	0.
204	204	948	SLU_ENV	Max	4.19	0.	0.	0.
204	204	933	SLU_ENV	Max	4.88	0.	0.	0.
204	204	932	SLU_ENV	Min	1.61	0.	0.	0.
204	204	947	SLU_ENV	Min	1.35	0.	0.	0.
204	204	948	SLU_ENV	Min	1.73	0.	0.	0.
204	204	933	SLU_ENV	Min	1.99	0.	0.	0.
204	204	932	SLV_Ex		8.62	-0.72	-164.97	86.987
204	204	947	SLV_Ex		6.47	-1.66	-168.43	87.777
204	204	948	SLV_Ex		7.56	-3.39	-168.89	87.379
204	204	933	SLV_Ex		9.72	-2.42	-165.46	86.577
205	205	933	SLU_ENV	Max	6.18	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
205	205	948	SLU_ENV	Max	4.39	0.	0.	0.
205	205	949	SLU_ENV	Max	5.3	0.	0.	0.
205	205	934	SLU_ENV	Max	7.08	0.	0.	0.
205	205	933	SLU_ENV	Min	2.59	0.	0.	0.
205	205	948	SLU_ENV	Min	1.84	0.	0.	0.
205	205	949	SLU_ENV	Min	2.32	0.	0.	0.
205	205	934	SLU_ENV	Min	3.08	0.	0.	0.
205	205	933	SLV_Ex		11.06	-0.42	-156.67	85.931
205	205	948	SLV_Ex		8.36	-1.99	-162.45	87.009
205	205	949	SLV_Ex		10.15	-4.43	-163.19	86.327
205	205	934	SLV_Ex		12.85	-2.78	-157.49	85.22
206	206	934	SLU_ENV	Max	7.54	0.	0.	0.
206	206	949	SLU_ENV	Max	6.33	0.	0.	0.
206	206	950	SLU_ENV	Max	7.19	0.	0.	0.
206	206	935	SLU_ENV	Max	8.4	0.	0.	0.
206	206	934	SLU_ENV	Min	3.35	0.	0.	0.
206	206	949	SLU_ENV	Min	2.87	0.	0.	0.
206	206	950	SLU_ENV	Min	3.37	0.	0.	0.
206	206	935	SLU_ENV	Min	3.85	0.	0.	0.
206	206	934	SLV_Ex		13.98	-0.37	-147.03	84.507
206	206	949	SLV_Ex		11.67	-3.14	-158.15	85.67
206	206	950	SLV_Ex		13.37	-6.31	-159.13	84.96
206	206	935	SLV_Ex		15.68	-3.45	-148.1	83.739
207	207	935	SLU_ENV	Max	9.48	0.	0.	0.
207	207	950	SLU_ENV	Max	7.49	0.	0.	0.
207	207	951	SLU_ENV	Max	8.94	0.	0.	0.
207	207	936	SLU_ENV	Max	10.93	0.	0.	0.
207	207	935	SLU_ENV	Min	4.49	0.	0.	0.
207	207	950	SLU_ENV	Min	3.62	0.	0.	0.
207	207	951	SLU_ENV	Min	4.53	0.	0.	0.
207	207	936	SLU_ENV	Min	5.41	0.	0.	0.
207	207	935	SLV_Ex		17.21	-1.336E-02	-134.08	82.562
207	207	950	SLV_Ex		15.	-4.85	-153.94	84.194
207	207	951	SLV_Ex		17.78	-11.33	-156.07	82.89
207	207	936	SLV_Ex		19.98	-6.29	-136.41	81.057
208	208	936	SLU_ENV	Max	10.18	0.	0.	0.
208	208	951	SLU_ENV	Max	11.26	0.	0.	0.
208	208	952	SLU_ENV	Max	9.66	0.	0.	0.
208	208	937	SLU_ENV	Max	8.58	0.	0.	0.
208	208	936	SLU_ENV	Min	5.11	0.	0.	0.
208	208	951	SLU_ENV	Min	5.92	0.	0.	0.
208	208	952	SLU_ENV	Min	5.08	0.	0.	0.
208	208	937	SLU_ENV	Min	4.26	0.	0.	0.
208	208	936	SLV_Ex		17.55	-2.81	-116.76	81.031
208	208	951	SLV_Ex		21.97	-6.7	-141.65	80.501
208	208	952	SLV_Ex		16.64	-14.15	-141.39	82.42
208	208	937	SLV_Ex		12.22	-10.15	-116.61	83.364
209	209	937	SLU_ENV	Max	6.61	0.	0.	0.
209	209	952	SLU_ENV	Max	8.43	0.	0.	0.
209	209	271	SLU_ENV	Max	3.18	0.	0.	0.
209	209	244	SLU_ENV	Max	1.36	0.	0.	0.
209	209	937	SLU_ENV	Min	3.37	0.	0.	0.
209	209	952	SLU_ENV	Min	4.38	0.	0.	0.
209	209	271	SLU_ENV	Min	1.52	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
209	209	244	SLU_ENV	Min	0.51	0.	0.	0.
209	209	937	SLV_Ex		8.84	-11.13	-117.43	85.215
209	209	952	SLV_Ex		11.66	-5.53	-94.33	82.389
209	209	271	SLV_Ex		1.37	45.96	-82.18	89.389
209	209	244	SLV_Ex		-1.46	41.18	-106.1	-89.434
210	210	505	SLU_ENV	Max	-9.35	0.	0.	0.
210	210	523	SLU_ENV	Max	-11.81	0.	0.	0.
210	210	953	SLU_ENV	Max	-7.4	0.	0.	0.
210	210	938	SLU_ENV	Max	-4.95	0.	0.	0.
210	210	505	SLU_ENV	Min	-16.83	0.	0.	0.
210	210	523	SLU_ENV	Min	-21.14	0.	0.	0.
210	210	953	SLU_ENV	Min	-13.39	0.	0.	0.
210	210	938	SLU_ENV	Min	-9.09	0.	0.	0.
210	210	505	SLV_Ex		-40.5	88.06	-194.3	-81.665
210	210	523	SLV_Ex		-56.03	26.04	-504.71	-83.905
210	210	953	SLV_Ex		-32.29	-54.43	-516.35	-85.982
210	210	938	SLV_Ex		-16.75	6.7	-205.06	-85.448
211	211	938	SLU_ENV	Max	-5.72	0.	0.	0.
211	211	953	SLU_ENV	Max	-4.74	0.	0.	0.
211	211	954	SLU_ENV	Max	-3.27	0.	0.	0.
211	211	939	SLU_ENV	Max	-4.24	0.	0.	0.
211	211	938	SLU_ENV	Min	-10.45	0.	0.	0.
211	211	953	SLU_ENV	Min	-8.47	0.	0.	0.
211	211	954	SLU_ENV	Min	-5.88	0.	0.	0.
211	211	939	SLU_ENV	Min	-7.86	0.	0.	0.
211	211	938	SLV_Ex		-27.55	-3.	-263.29	-83.889
211	211	953	SLV_Ex		-27.72	-26.02	-374.01	-85.416
211	211	954	SLV_Ex		-21.53	-17.72	-371.26	-86.501
211	211	939	SLV_Ex		-21.36	4.99	-260.23	-85.365
212	212	939	SLU_ENV	Max	-2.88	0.	0.	0.
212	212	954	SLU_ENV	Max	-2.42	0.	0.	0.
212	212	955	SLU_ENV	Max	-1.87	0.	0.	0.
212	212	940	SLU_ENV	Max	-2.33	0.	0.	0.
212	212	939	SLU_ENV	Min	-5.58	0.	0.	0.
212	212	954	SLU_ENV	Min	-4.59	0.	0.	0.
212	212	955	SLU_ENV	Min	-3.7	0.	0.	0.
212	212	940	SLU_ENV	Min	-4.68	0.	0.	0.
212	212	939	SLV_Ex		-15.09	3.45	-262.68	-86.745
212	212	954	SLV_Ex		-13.54	-4.64	-301.68	-87.384
212	212	955	SLV_Ex		-9.37	-9.34	-302.24	-88.165
212	212	940	SLV_Ex		-10.91	-1.34	-263.16	-87.609
213	213	940	SLU_ENV	Max	-2.09	0.	0.	0.
213	213	955	SLU_ENV	Max	-1.26	0.	0.	0.
213	213	956	SLU_ENV	Max	-1.01	0.	0.	0.
213	213	941	SLU_ENV	Max	-1.84	0.	0.	0.
213	213	940	SLU_ENV	Min	-4.41	0.	0.	0.
213	213	955	SLU_ENV	Min	-2.62	0.	0.	0.
213	213	956	SLU_ENV	Min	-2.21	0.	0.	0.
213	213	941	SLU_ENV	Min	-4.	0.	0.	0.
213	213	940	SLV_Ex		-9.23	1.64	-247.55	-87.876
213	213	955	SLV_Ex		-6.47	-2.16	-265.47	-88.591
213	213	956	SLV_Ex		-5.05	-5.05	-265.97	-88.892
213	213	941	SLV_Ex		-7.8	-1.28	-248.02	-88.187
214	214	941	SLU_ENV	Max	-1.31	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
214	214	956	SLU_ENV	Max	-1.02	0.	0.	0.
214	214	957	SLU_ENV	Max	-0.89	0.	0.	0.
214	214	942	SLU_ENV	Max	-1.18	0.	0.	0.
214	214	941	SLU_ENV	Min	-2.99	0.	0.	0.
214	214	956	SLU_ENV	Min	-2.3	0.	0.	0.
214	214	957	SLU_ENV	Min	-2.04	0.	0.	0.
214	214	942	SLU_ENV	Min	-2.73	0.	0.	0.
214	214	941	SLV_Ex		-5.28	1.85	-231.63	-88.705
214	214	956	SLV_Ex		-4.39	3.267E-02	-240.48	-88.953
214	214	957	SLV_Ex		-3.5	-3.86	-241.22	-89.154
214	214	942	SLV_Ex		-4.39	-2.05	-232.36	-88.908
215	215	942	SLU_ENV	Max	-1.08	0.	0.	0.
215	215	957	SLU_ENV	Max	-0.57	0.	0.	0.
215	215	958	SLU_ENV	Max	-0.46	0.	0.	0.
215	215	943	SLU_ENV	Max	-0.96	0.	0.	0.
215	215	942	SLU_ENV	Min	-2.54	0.	0.	0.
215	215	957	SLU_ENV	Min	-1.38	0.	0.	0.
215	215	958	SLU_ENV	Min	-1.13	0.	0.	0.
215	215	943	SLU_ENV	Min	-2.29	0.	0.	0.
215	215	942	SLV_Ex		-3.49	0.91	-217.4	-89.083
215	215	957	SLV_Ex		-2.18	8.392E-02	-221.31	-89.435
215	215	958	SLV_Ex		-1.57	-2.55	-221.83	-89.59
215	215	943	SLV_Ex		-2.88	-1.73	-217.9	-89.237
216	216	943	SLU_ENV	Max	-0.55	0.	0.	0.
216	216	958	SLU_ENV	Max	-0.5	0.	0.	0.
216	216	959	SLU_ENV	Max	-0.39	0.	0.	0.
216	216	944	SLU_ENV	Max	-0.45	0.	0.	0.
216	216	943	SLU_ENV	Min	-1.36	0.	0.	0.
216	216	958	SLU_ENV	Min	-1.2	0.	0.	0.
216	216	959	SLU_ENV	Min	-0.95	0.	0.	0.
216	216	944	SLU_ENV	Min	-1.1	0.	0.	0.
216	216	943	SLV_Ex		-1.33	0.9	-204.59	-89.628
216	216	958	SLV_Ex		-1.34	0.67	-205.7	-89.627
216	216	959	SLV_Ex		-0.84	-2.19	-206.27	-89.763
216	216	944	SLV_Ex		-0.83	-1.97	-205.16	-89.766
217	217	944	SLU_ENV	Max	-0.36	0.	0.	0.
217	217	959	SLU_ENV	Max	-0.12	0.	0.	0.
217	217	960	SLU_ENV	Max	-2.026E-02	0.	0.	0.
217	217	945	SLU_ENV	Max	-0.26	0.	0.	0.
217	217	944	SLU_ENV	Min	-0.85	0.	0.	0.
217	217	959	SLU_ENV	Min	-0.3	0.	0.	0.
217	217	960	SLU_ENV	Min	-4.444E-02	0.	0.	0.
217	217	945	SLU_ENV	Min	-0.59	0.	0.	0.
217	217	944	SLV_Ex		-0.13	0.37	-193.42	-89.96
217	217	959	SLV_Ex		-2.821E-02	0.46	-193.01	-89.992
217	217	960	SLV_Ex		0.36	-1.54	-193.41	89.892
217	217	945	SLV_Ex		0.26	-1.63	-193.82	89.924
218	218	945	SLU_ENV	Max	0.37	0.	0.	0.
218	218	960	SLU_ENV	Max	-5.646E-02	0.	0.	0.
218	218	961	SLU_ENV	Max	0.17	0.	0.	0.
218	218	946	SLU_ENV	Max	0.63	0.	0.	0.
218	218	945	SLU_ENV	Min	0.14	0.	0.	0.
218	218	960	SLU_ENV	Min	-9.072E-02	0.	0.	0.
218	218	961	SLU_ENV	Min	4.614E-02	0.	0.	0.



Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
218	218	946	SLU_ENV	Min	0.24	0.	0.	0.
218	218	945	SLV_Ex		1.36	0.43	-183.61	89.576
218	218	960	SLV_Ex		0.57	0.64	-182.51	89.821
218	218	961	SLV_Ex		0.97	-1.42	-182.93	89.694
218	218	946	SLV_Ex		1.76	-1.63	-184.03	89.447
219	219	946	SLU_ENV	Max	0.89	0.	0.	0.
219	219	961	SLU_ENV	Max	0.82	0.	0.	0.
219	219	962	SLU_ENV	Max	1.07	0.	0.	0.
219	219	947	SLU_ENV	Max	1.15	0.	0.	0.
219	219	946	SLU_ENV	Min	0.33	0.	0.	0.
219	219	961	SLU_ENV	Min	0.32	0.	0.	0.
219	219	962	SLU_ENV	Min	0.42	0.	0.	0.
219	219	947	SLU_ENV	Min	0.44	0.	0.	0.
219	219	946	SLV_Ex		2.4	0.18	-175.09	89.217
219	219	961	SLV_Ex		1.56	0.33	-174.21	89.486
219	219	962	SLV_Ex		1.88	-1.13	-174.51	89.377
219	219	947	SLV_Ex		2.72	-1.28	-175.4	89.106
220	220	947	SLU_ENV	Max	2.1	0.	0.	0.
220	220	962	SLU_ENV	Max	1.	0.	0.	0.
220	220	963	SLU_ENV	Max	1.26	0.	0.	0.
220	220	948	SLU_ENV	Max	2.35	0.	0.	0.
220	220	947	SLU_ENV	Min	0.85	0.	0.	0.
220	220	962	SLU_ENV	Min	0.39	0.	0.	0.
220	220	963	SLU_ENV	Min	0.51	0.	0.	0.
220	220	948	SLU_ENV	Min	0.97	0.	0.	0.
220	220	947	SLV_Ex		3.68	0.28	-167.83	88.744
220	220	962	SLV_Ex		2.15	0.22	-167.82	89.266
220	220	963	SLV_Ex		2.63	-1.29	-168.14	89.098
220	220	948	SLV_Ex		4.16	-1.22	-168.16	88.573
221	221	948	SLU_ENV	Max	2.56	0.	0.	0.
221	221	963	SLU_ENV	Max	1.93	0.	0.	0.
221	221	964	SLU_ENV	Max	2.19	0.	0.	0.
221	221	949	SLU_ENV	Max	2.82	0.	0.	0.
221	221	948	SLU_ENV	Min	1.08	0.	0.	0.
221	221	963	SLU_ENV	Min	0.83	0.	0.	0.
221	221	964	SLU_ENV	Min	0.96	0.	0.	0.
221	221	949	SLU_ENV	Min	1.21	0.	0.	0.
221	221	948	SLV_Ex		4.96	0.14	-161.68	88.244
221	221	963	SLV_Ex		3.33	-0.44	-164.09	88.833
221	221	964	SLV_Ex		3.86	-1.39	-164.3	88.642
221	221	949	SLV_Ex		5.48	-0.79	-161.91	88.048
222	222	949	SLU_ENV	Max	3.85	0.	0.	0.
222	222	964	SLU_ENV	Max	2.12	0.	0.	0.
222	222	965	SLU_ENV	Max	2.53	0.	0.	0.
222	222	950	SLU_ENV	Max	4.27	0.	0.	0.
222	222	949	SLU_ENV	Min	1.76	0.	0.	0.
222	222	964	SLU_ENV	Min	0.95	0.	0.	0.
222	222	965	SLU_ENV	Min	1.21	0.	0.	0.
222	222	950	SLU_ENV	Min	2.02	0.	0.	0.
222	222	949	SLV_Ex		7.01	0.39	-156.76	87.442
222	222	964	SLV_Ex		4.54	-1.26	-163.87	88.401
222	222	965	SLV_Ex		5.61	-2.56	-164.21	88.011
222	222	950	SLV_Ex		8.08	-0.88	-157.14	87.033
223	223	950	SLU_ENV	Max	4.58	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
223	223	965	SLU_ENV	Max	3.62	0.	0.	0.
223	223	966	SLU_ENV	Max	4.51	0.	0.	0.
223	223	951	SLU_ENV	Max	5.46	0.	0.	0.
223	223	950	SLU_ENV	Min	2.26	0.	0.	0.
223	223	965	SLU_ENV	Min	1.83	0.	0.	0.
223	223	966	SLU_ENV	Min	2.38	0.	0.	0.
223	223	951	SLU_ENV	Min	2.81	0.	0.	0.
223	223	950	SLV_Ex		9.71	0.43	-151.8	86.336
223	223	965	SLV_Ex		7.35	-3.88	-171.55	87.485
223	223	966	SLV_Ex		10.04	-4.08	-171.92	86.566
223	223	951	SLV_Ex		12.39	0.34	-152.29	85.327
224	224	951	SLU_ENV	Max	7.79	0.	0.	0.
224	224	966	SLU_ENV	Max	5.77	0.	0.	0.
224	224	967	SLU_ENV	Max	8.37	0.	0.	0.
224	224	952	SLU_ENV	Max	10.39	0.	0.	0.
224	224	951	SLU_ENV	Min	4.2	0.	0.	0.
224	224	966	SLU_ENV	Min	3.2	0.	0.	0.
224	224	967	SLU_ENV	Min	4.69	0.	0.	0.
224	224	952	SLU_ENV	Min	5.68	0.	0.	0.
224	224	951	SLV_Ex		16.58	4.46	-137.37	83.239
224	224	966	SLV_Ex		15.48	-9.01	-200.49	85.349
224	224	967	SLV_Ex		19.71	-16.76	-203.06	83.893
224	224	952	SLV_Ex		20.81	-2.88	-140.35	81.187
225	225	952	SLU_ENV	Max	9.15	0.	0.	0.
225	225	967	SLU_ENV	Max	13.41	0.	0.	0.
225	225	298	SLU_ENV	Max	21.09	0.	0.	0.
225	225	271	SLU_ENV	Max	16.83	0.	0.	0.
225	225	952	SLU_ENV	Min	4.99	0.	0.	0.
225	225	967	SLU_ENV	Min	7.41	0.	0.	0.
225	225	298	SLU_ENV	Min	11.79	0.	0.	0.
225	225	271	SLU_ENV	Min	9.36	0.	0.	0.
225	225	952	SLV_Ex		15.83	5.77	-93.32	80.681
225	225	967	SLV_Ex		22.71	-31.63	-277.45	84.677
225	225	298	SLV_Ex		36.92	16.79	-271.01	82.568
225	225	271	SLV_Ex		30.04	55.48	-88.16	77.637
227	227	767	SLU_ENV	Max	24.64	0.	0.	0.
227	227	766	SLU_ENV	Max	13.52	0.	0.	0.
227	227	968	SLU_ENV	Max	21.29	0.	0.	0.
227	227	969	SLU_ENV	Max	32.41	0.	0.	0.
227	227	767	SLU_ENV	Min	9.54	0.	0.	0.
227	227	766	SLU_ENV	Min	5.8	0.	0.	0.
227	227	968	SLU_ENV	Min	8.86	0.	0.	0.
227	227	969	SLU_ENV	Min	12.6	0.	0.	0.
227	227	767	SLV_Ex		55.75	-131.41	-690.74	84.251
227	227	766	SLV_Ex		34.03	-97.49	-504.64	85.188
227	227	968	SLV_Ex		51.58	22.34	-483.61	84.118
227	227	969	SLV_Ex		73.29	-11.38	-669.92	83.569
228	228	969	SLU_ENV	Max	6.04	0.	0.	0.
228	228	968	SLU_ENV	Max	19.27	0.	0.	0.
228	228	970	SLU_ENV	Max	14.33	0.	0.	0.
228	228	971	SLU_ENV	Max	1.1	0.	0.	0.
228	228	969	SLU_ENV	Min	2.46	0.	0.	0.
228	228	968	SLU_ENV	Min	7.39	0.	0.	0.
228	228	970	SLU_ENV	Min	5.35	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
228	228	971	SLU_ENV	Min	0.42	0.	0.	0.
228	228	969	SLV_Ex		12.92	7.69	-526.87	88.615
228	228	968	SLV_Ex		42.28	18.42	-492.5	85.236
228	228	970	SLV_Ex		30.1	1.43	-493.87	86.51
228	228	971	SLV_Ex		0.74	-7.93	-529.62	89.919
229	229	971	SLU_ENV	Max	9.1	0.	0.	0.
229	229	970	SLU_ENV	Max	11.62	0.	0.	0.
229	229	972	SLU_ENV	Max	13.15	0.	0.	0.
229	229	973	SLU_ENV	Max	10.63	0.	0.	0.
229	229	971	SLU_ENV	Min	3.24	0.	0.	0.
229	229	970	SLU_ENV	Min	4.23	0.	0.	0.
229	229	972	SLU_ENV	Min	4.76	0.	0.	0.
229	229	973	SLU_ENV	Min	3.77	0.	0.	0.
229	229	971	SLV_Ex		17.94	3.3	-477.5	87.86
229	229	970	SLV_Ex		23.82	16.28	-416.49	86.84
229	229	972	SLV_Ex		27.46	-1.15	-420.56	86.238
229	229	973	SLV_Ex		21.58	-14.29	-481.41	87.349
230	230	973	SLU_ENV	Max	7.67	0.	0.	0.
230	230	972	SLU_ENV	Max	11.37	0.	0.	0.
230	230	974	SLU_ENV	Max	9.66	0.	0.	0.
230	230	975	SLU_ENV	Max	5.96	0.	0.	0.
230	230	973	SLU_ENV	Min	2.72	0.	0.	0.
230	230	972	SLU_ENV	Min	4.08	0.	0.	0.
230	230	974	SLU_ENV	Min	3.46	0.	0.	0.
230	230	975	SLU_ENV	Min	2.11	0.	0.	0.
230	230	973	SLV_Ex		15.76	-1.21	-413.65	87.809
230	230	972	SLV_Ex		25.72	8.09	-373.98	86.131
230	230	974	SLV_Ex		22.87	-1.17	-375.43	86.49
230	230	975	SLV_Ex		12.9	-10.33	-415.25	88.173
231	231	975	SLU_ENV	Max	4.96	0.	0.	0.
231	231	974	SLU_ENV	Max	7.62	0.	0.	0.
231	231	976	SLU_ENV	Max	6.85	0.	0.	0.
231	231	977	SLU_ENV	Max	4.2	0.	0.	0.
231	231	975	SLU_ENV	Min	1.75	0.	0.	0.
231	231	974	SLU_ENV	Min	2.71	0.	0.	0.
231	231	976	SLU_ENV	Min	2.44	0.	0.	0.
231	231	977	SLU_ENV	Min	1.47	0.	0.	0.
231	231	975	SLV_Ex		12.25	0.71	-360.12	88.053
231	231	974	SLV_Ex		18.81	6.64	-334.19	86.831
231	231	976	SLV_Ex		17.75	-2.23	-335.85	86.946
231	231	977	SLV_Ex		11.19	-8.13	-361.81	88.186
232	232	977	SLU_ENV	Max	3.54	0.	0.	0.
232	232	976	SLU_ENV	Max	4.82	0.	0.	0.
232	232	978	SLU_ENV	Max	4.03	0.	0.	0.
232	232	979	SLU_ENV	Max	2.75	0.	0.	0.
232	232	977	SLU_ENV	Min	1.25	0.	0.	0.
232	232	976	SLU_ENV	Min	1.7	0.	0.	0.
232	232	978	SLU_ENV	Min	1.41	0.	0.	0.
232	232	979	SLU_ENV	Min	0.96	0.	0.	0.
232	232	977	SLV_Ex		9.5	0.9	-316.26	88.282
232	232	976	SLV_Ex		15.3	4.68	-300.26	87.119
232	232	978	SLV_Ex		14.08	-2.31	-301.53	87.301
232	232	979	SLV_Ex		8.27	-6.05	-317.57	88.478
233	233	979	SLU_ENV	Max	1.69	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
233	233	978	SLU_ENV	Max	3.04	0.	0.	0.
233	233	980	SLU_ENV	Max	2.48	0.	0.	0.
233	233	981	SLU_ENV	Max	1.13	0.	0.	0.
233	233	979	SLU_ENV	Min	0.58	0.	0.	0.
233	233	978	SLU_ENV	Min	1.07	0.	0.	0.
233	233	980	SLU_ENV	Min	0.87	0.	0.	0.
233	233	981	SLU_ENV	Min	0.39	0.	0.	0.
233	233	979	SLV_Ex		7.38	1.45	-279.88	88.495
233	233	978	SLV_Ex		12.17	3.93	-269.62	87.448
233	233	980	SLV_Ex		11.51	-2.34	-270.81	87.541
233	233	981	SLV_Ex		6.72	-4.8	-281.1	88.605
234	234	981	SLU_ENV	Max	0.99	0.	0.	0.
234	234	980	SLU_ENV	Max	0.83	0.	0.	0.
234	234	982	SLU_ENV	Max	0.3	0.	0.	0.
234	234	983	SLU_ENV	Max	0.46	0.	0.	0.
234	234	981	SLU_ENV	Min	0.35	0.	0.	0.
234	234	980	SLU_ENV	Min	0.28	0.	0.	0.
234	234	982	SLU_ENV	Min	9.209E-02	0.	0.	0.
234	234	983	SLU_ENV	Min	0.16	0.	0.	0.
234	234	981	SLV_Ex		6.09	1.72	-248.4	88.603
234	234	980	SLV_Ex		10.08	3.27	-242.28	87.645
234	234	982	SLV_Ex		9.52	-2.31	-243.35	87.734
234	234	983	SLV_Ex		5.53	-3.84	-249.48	88.709
235	235	983	SLU_ENV	Max	-0.19	0.	0.	0.
235	235	982	SLU_ENV	Max	-0.14	0.	0.	0.
235	235	984	SLU_ENV	Max	-0.33	0.	0.	0.
235	235	985	SLU_ENV	Max	-0.37	0.	0.	0.
235	235	983	SLU_ENV	Min	-0.51	0.	0.	0.
235	235	982	SLU_ENV	Min	-0.39	0.	0.	0.
235	235	984	SLU_ENV	Min	-0.92	0.	0.	0.
235	235	985	SLU_ENV	Min	-1.04	0.	0.	0.
235	235	983	SLV_Ex		5.08	1.96	-220.4	88.69
235	235	982	SLV_Ex		8.63	2.91	-216.98	87.749
235	235	984	SLV_Ex		8.35	-2.23	-217.99	87.781
235	235	985	SLV_Ex		4.8	-3.17	-221.41	88.739
236	236	985	SLU_ENV	Max	-0.41	0.	0.	0.
236	236	984	SLU_ENV	Max	-0.92	0.	0.	0.
236	236	986	SLU_ENV	Max	-1.12	0.	0.	0.
236	236	987	SLU_ENV	Max	-0.61	0.	0.	0.
236	236	985	SLU_ENV	Min	-1.19	0.	0.	0.
236	236	984	SLU_ENV	Min	-2.58	0.	0.	0.
236	236	986	SLU_ENV	Min	-3.14	0.	0.	0.
236	236	987	SLU_ENV	Min	-1.74	0.	0.	0.
236	236	985	SLV_Ex		4.55	2.23	-194.41	88.674
236	236	984	SLV_Ex		7.8	2.7	-193.29	87.717
236	236	986	SLV_Ex		7.6	-2.18	-194.25	87.73
236	236	987	SLV_Ex		4.35	-2.64	-195.37	88.707
237	237	987	SLU_ENV	Max	-0.99	0.	0.	0.
237	237	986	SLU_ENV	Max	-1.48	0.	0.	0.
237	237	988	SLU_ENV	Max	-1.76	0.	0.	0.
237	237	989	SLU_ENV	Max	-1.27	0.	0.	0.
237	237	987	SLU_ENV	Min	-2.8	0.	0.	0.
237	237	986	SLU_ENV	Min	-4.14	0.	0.	0.
237	237	988	SLU_ENV	Min	-4.94	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
237	237	989	SLU_ENV	Min	-3.6	0.	0.	0.
237	237	987	SLV_Ex		4.29	2.54	-169.53	88.571
237	237	986	SLV_Ex		7.34	2.63	-170.3	87.565
237	237	988	SLV_Ex		7.38	-2.13	-171.27	87.496
237	237	989	SLV_Ex		4.33	-2.23	-170.49	88.524
238	238	989	SLU_ENV	Max	-1.51	0.	0.	0.
238	238	988	SLU_ENV	Max	-2.5	0.	0.	0.
238	238	990	SLU_ENV	Max	-2.78	0.	0.	0.
238	238	991	SLU_ENV	Max	-1.79	0.	0.	0.
238	238	989	SLU_ENV	Min	-4.27	0.	0.	0.
238	238	988	SLU_ENV	Min	-6.98	0.	0.	0.
238	238	990	SLU_ENV	Min	-7.75	0.	0.	0.
238	238	991	SLU_ENV	Min	-5.04	0.	0.	0.
238	238	989	SLV_Ex		4.37	2.97	-144.57	88.301
238	238	988	SLV_Ex		7.54	2.64	-147.73	87.122
238	238	990	SLV_Ex		7.61	-2.17	-148.72	87.021
238	238	991	SLV_Ex		4.44	-1.85	-145.54	88.229
239	239	991	SLU_ENV	Max	-2.15	0.	0.	0.
239	239	990	SLU_ENV	Max	-3.57	0.	0.	0.
239	239	992	SLU_ENV	Max	-4.19	0.	0.	0.
239	239	993	SLU_ENV	Max	-2.77	0.	0.	0.
239	239	991	SLU_ENV	Min	-6.03	0.	0.	0.
239	239	990	SLU_ENV	Min	-9.85	0.	0.	0.
239	239	992	SLU_ENV	Min	-11.58	0.	0.	0.
239	239	993	SLU_ENV	Min	-7.76	0.	0.	0.
239	239	991	SLV_Ex		4.67	3.55	-118.79	87.809
239	239	990	SLV_Ex		8.04	2.76	-124.74	86.376
239	239	992	SLV_Ex		8.34	-2.23	-125.81	86.124
239	239	993	SLV_Ex		4.97	-1.46	-119.83	87.593
240	240	993	SLU_ENV	Max	-3.84	0.	0.	0.
240	240	992	SLU_ENV	Max	-4.9	0.	0.	0.
240	240	994	SLU_ENV	Max	-4.4	0.	0.	0.
240	240	995	SLU_ENV	Max	-3.34	0.	0.	0.
240	240	993	SLU_ENV	Min	-10.76	0.	0.	0.
240	240	992	SLU_ENV	Min	-13.4	0.	0.	0.
240	240	994	SLU_ENV	Min	-11.92	0.	0.	0.
240	240	995	SLU_ENV	Min	-9.28	0.	0.	0.
240	240	993	SLV_Ex		5.13	4.	-92.93	86.961
240	240	992	SLV_Ex		8.65	3.22	-99.57	85.154
240	240	994	SLV_Ex		7.89	-4.32	-100.97	85.301
240	240	995	SLV_Ex		4.37	-3.53	-94.36	87.24
241	241	995	SLU_ENV	Max	-0.55	0.	0.	0.
241	241	994	SLU_ENV	Max	-5.65	0.	0.	0.
241	241	996	SLU_ENV	Max	-7.87	0.	0.	0.
241	241	997	SLU_ENV	Max	-2.77	0.	0.	0.
241	241	995	SLU_ENV	Min	-1.33	0.	0.	0.
241	241	994	SLU_ENV	Min	-14.85	0.	0.	0.
241	241	996	SLU_ENV	Min	-20.12	0.	0.	0.
241	241	997	SLU_ENV	Min	-6.59	0.	0.	0.
241	241	995	SLV_Ex		2.5	0.81	-71.94	88.028
241	241	994	SLV_Ex		8.8	2.32	-70.33	82.989
241	241	996	SLV_Ex		9.42	2.61	-70.46	82.529
241	241	997	SLV_Ex		3.12	0.99	-71.97	87.546
242	242	997	SLU_ENV	Max	-13.4	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12	FMax	FMin	FAngle
					KN/m	KN/m	KN/m	Degrees
242	242	996	SLU_ENV	Max	-9.81	0.	0.	0.
242	242	599	SLU_ENV	Max	-6.51	0.	0.	0.
242	242	600	SLU_ENV	Max	-10.1	0.	0.	0.
242	242	997	SLU_ENV	Min	-33.84	0.	0.	0.
242	242	996	SLU_ENV	Min	-22.97	0.	0.	0.
242	242	599	SLU_ENV	Min	-14.78	0.	0.	0.
242	242	600	SLU_ENV	Min	-25.65	0.	0.	0.
242	242	997	SLV_Ex		7.15	8.14	-41.68	81.66
242	242	996	SLV_Ex		10.02	7.2	-50.83	79.898
242	242	599	SLV_Ex		7.61	-9.1	-53.56	79.996
242	242	600	SLV_Ex		4.74	-8.13	-44.43	82.437
243	243	766	SLU_ENV	Max	13.52	0.	0.	0.
243	243	765	SLU_ENV	Max	7.48	0.	0.	0.
243	243	774	SLU_ENV	Max	22.61	0.	0.	0.
243	243	968	SLU_ENV	Max	28.65	0.	0.	0.
243	243	766	SLU_ENV	Min	5.8	0.	0.	0.
243	243	765	SLU_ENV	Min	4.44	0.	0.	0.
243	243	774	SLU_ENV	Min	10.61	0.	0.	0.
243	243	968	SLU_ENV	Min	11.97	0.	0.	0.
243	243	766	SLV_Ex		34.03	-97.49	-504.64	85.188
243	243	765	SLV_Ex		31.35	-91.08	-471.01	85.251
243	243	774	SLV_Ex		67.22	0.94	-461.47	81.548
243	243	968	SLV_Ex		69.91	-5.53	-495.05	81.702
244	244	968	SLU_ENV	Max	26.64	0.	0.	0.
244	244	774	SLU_ENV	Max	36.64	0.	0.	0.
244	244	776	SLU_ENV	Max	38.38	0.	0.	0.
244	244	970	SLU_ENV	Max	28.38	0.	0.	0.
244	244	968	SLU_ENV	Min	10.51	0.	0.	0.
244	244	774	SLU_ENV	Min	14.34	0.	0.	0.
244	244	776	SLU_ENV	Min	14.5	0.	0.	0.
244	244	970	SLU_ENV	Min	10.67	0.	0.	0.
244	244	968	SLV_Ex		60.61	-10.29	-503.1	82.88
244	244	774	SLV_Ex		83.34	24.1	-390.64	78.151
244	244	776	SLV_Ex		84.43	22.18	-391.66	77.959
244	244	970	SLV_Ex		61.7	-12.44	-503.89	82.729
245	245	970	SLU_ENV	Max	25.67	0.	0.	0.
245	245	776	SLU_ENV	Max	29.65	0.	0.	0.
245	245	778	SLU_ENV	Max	23.6	0.	0.	0.
245	245	972	SLU_ENV	Max	19.62	0.	0.	0.
245	245	970	SLU_ENV	Min	9.54	0.	0.	0.
245	245	776	SLU_ENV	Min	11.22	0.	0.	0.
245	245	778	SLU_ENV	Min	8.86	0.	0.	0.
245	245	972	SLU_ENV	Min	7.19	0.	0.	0.
245	245	970	SLV_Ex		55.42	2.35	-426.44	82.51
245	245	776	SLV_Ex		68.85	21.47	-363.54	79.522
245	245	778	SLV_Ex		56.91	2.54	-362.95	80.927
245	245	972	SLV_Ex		43.48	-15.56	-426.86	83.896
246	246	972	SLU_ENV	Max	17.84	0.	0.	0.
246	246	778	SLU_ENV	Max	21.75	0.	0.	0.
246	246	780	SLU_ENV	Max	19.81	0.	0.	0.
246	246	974	SLU_ENV	Max	15.9	0.	0.	0.
246	246	972	SLU_ENV	Min	6.51	0.	0.	0.
246	246	778	SLU_ENV	Min	7.99	0.	0.	0.
246	246	780	SLU_ENV	Min	7.22	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
246	246	974	SLU_ENV	Min	5.74	0.	0.	0.
246	246	972	SLV_Ex		41.75	-6.19	-380.41	83.554
246	246	778	SLV_Ex		52.24	7.52	-332.85	81.062
246	246	780	SLV_Ex		49.48	1.41	-333.2	81.399
246	246	974	SLV_Ex		38.99	-12.12	-380.94	83.897
247	247	974	SLU_ENV	Max	13.86	0.	0.	0.
247	247	780	SLU_ENV	Max	16.33	0.	0.	0.
247	247	782	SLU_ENV	Max	13.22	0.	0.	0.
247	247	976	SLU_ENV	Max	10.75	0.	0.	0.
247	247	974	SLU_ENV	Min	4.99	0.	0.	0.
247	247	780	SLU_ENV	Min	5.91	0.	0.	0.
247	247	782	SLU_ENV	Min	4.76	0.	0.	0.
247	247	976	SLU_ENV	Min	3.84	0.	0.	0.
247	247	974	SLV_Ex		34.93	-4.43	-339.58	83.984
247	247	780	SLV_Ex		44.34	5.23	-307.65	81.767
247	247	782	SLV_Ex		39.14	-0.6	-307.22	82.604
247	247	976	SLV_Ex		29.73	-9.91	-339.5	84.803
248	248	976	SLU_ENV	Max	8.72	0.	0.	0.
248	248	782	SLU_ENV	Max	11.16	0.	0.	0.
248	248	784	SLU_ENV	Max	9.07	0.	0.	0.
248	248	978	SLU_ENV	Max	6.63	0.	0.	0.
248	248	976	SLU_ENV	Min	3.1	0.	0.	0.
248	248	782	SLU_ENV	Min	3.99	0.	0.	0.
248	248	784	SLU_ENV	Min	3.24	0.	0.	0.
248	248	978	SLU_ENV	Min	2.34	0.	0.	0.
248	248	976	SLV_Ex		27.29	-3.04	-303.87	84.774
248	248	782	SLV_Ex		35.43	3.74	-281.8	82.815
248	248	784	SLV_Ex		32.59	-1.03	-281.99	83.292
248	248	978	SLV_Ex		24.45	-7.64	-304.23	85.256
249	249	978	SLU_ENV	Max	5.65	0.	0.	0.
249	249	784	SLU_ENV	Max	6.34	0.	0.	0.
249	249	786	SLU_ENV	Max	4.35	0.	0.	0.
249	249	980	SLU_ENV	Max	3.65	0.	0.	0.
249	249	978	SLU_ENV	Min	2.	0.	0.	0.
249	249	784	SLU_ENV	Min	2.24	0.	0.	0.
249	249	786	SLU_ENV	Min	1.52	0.	0.	0.
249	249	980	SLU_ENV	Min	1.28	0.	0.	0.
249	249	978	SLV_Ex		22.54	-1.42	-272.3	85.21
249	249	784	SLV_Ex		29.35	3.21	-257.85	83.502
249	249	786	SLV_Ex		26.69	-1.43	-258.13	83.998
249	249	980	SLV_Ex		19.88	-5.92	-272.72	85.714
250	250	980	SLU_ENV	Max	2.	0.	0.	0.
250	250	786	SLU_ENV	Max	2.82	0.	0.	0.
250	250	788	SLU_ENV	Max	1.08	0.	0.	0.
250	250	982	SLU_ENV	Max	0.25	0.	0.	0.
250	250	980	SLU_ENV	Min	0.69	0.	0.	0.
250	250	786	SLU_ENV	Min	0.99	0.	0.	0.
250	250	788	SLU_ENV	Min	0.37	0.	0.	0.
250	250	982	SLU_ENV	Min	6.690E-02	0.	0.	0.
250	250	980	SLV_Ex		18.46	-0.32	-244.18	85.647
250	250	786	SLV_Ex		24.57	2.95	-234.82	84.036
250	250	788	SLV_Ex		23.01	-1.27	-235.33	84.331
250	250	982	SLV_Ex		16.89	-4.46	-244.76	85.959
251	251	982	SLU_ENV	Max	-0.17	0.	0.	0.

Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
251	251	788	SLU_ENV	Max	-0.51	0.	0.	0.
251	251	790	SLU_ENV	Max	-1.13	0.	0.	0.
251	251	984	SLU_ENV	Max	-0.78	0.	0.	0.
251	251	982	SLU_ENV	Min	-0.44	0.	0.	0.
251	251	788	SLU_ENV	Min	-1.35	0.	0.	0.
251	251	790	SLU_ENV	Min	-3.1	0.	0.	0.
251	251	984	SLU_ENV	Min	-2.18	0.	0.	0.
251	251	982	SLV_Ex		16.	0.78	-218.41	85.803
251	251	788	SLV_Ex		21.36	2.98	-213.16	84.301
251	251	790	SLV_Ex		20.13	-1.08	-213.73	84.544
251	251	984	SLV_Ex		14.77	-3.23	-219.02	86.067
252	252	984	SLU_ENV	Max	-1.38	0.	0.	0.
252	252	790	SLU_ENV	Max	-1.68	0.	0.	0.
252	252	792	SLU_ENV	Max	-2.4	0.	0.	0.
252	252	986	SLU_ENV	Max	-2.11	0.	0.	0.
252	252	984	SLU_ENV	Min	-3.84	0.	0.	0.
252	252	790	SLU_ENV	Min	-4.63	0.	0.	0.
252	252	792	SLU_ENV	Min	-6.64	0.	0.	0.
252	252	986	SLU_ENV	Min	-5.85	0.	0.	0.
252	252	984	SLV_Ex		14.22	1.73	-194.36	85.83
252	252	790	SLV_Ex		19.12	3.16	-192.28	84.36
252	252	792	SLV_Ex		18.65	-0.66	-192.97	84.41
252	252	986	SLV_Ex		13.75	-2.08	-195.05	85.904
253	253	986	SLU_ENV	Max	-2.46	0.	0.	0.
253	253	792	SLU_ENV	Max	-3.41	0.	0.	0.
253	253	794	SLU_ENV	Max	-4.17	0.	0.	0.
253	253	988	SLU_ENV	Max	-3.23	0.	0.	0.
253	253	986	SLU_ENV	Min	-6.86	0.	0.	0.
253	253	792	SLU_ENV	Min	-9.39	0.	0.	0.
253	253	794	SLU_ENV	Min	-11.49	0.	0.	0.
253	253	988	SLU_ENV	Min	-8.96	0.	0.	0.
253	253	986	SLV_Ex		13.49	2.78	-171.16	85.538
253	253	792	SLV_Ex		18.29	3.57	-172.4	84.003
253	253	794	SLV_Ex		18.02	-7.135E-02	-173.1	83.988
253	253	988	SLV_Ex		13.23	-0.87	-171.86	85.55
254	254	988	SLU_ENV	Max	-3.97	0.	0.	0.
254	254	794	SLU_ENV	Max	-4.97	0.	0.	0.
254	254	796	SLU_ENV	Max	-6.15	0.	0.	0.
254	254	990	SLU_ENV	Max	-5.15	0.	0.	0.
254	254	988	SLU_ENV	Min	-10.99	0.	0.	0.
254	254	794	SLU_ENV	Min	-13.61	0.	0.	0.
254	254	796	SLU_ENV	Min	-16.78	0.	0.	0.
254	254	990	SLU_ENV	Min	-14.16	0.	0.	0.
254	254	988	SLV_Ex		13.38	4.01	-148.43	84.943
254	254	794	SLV_Ex		18.02	4.24	-152.75	83.364
254	254	796	SLV_Ex		18.63	0.69	-153.68	83.017
254	254	990	SLV_Ex		13.99	0.41	-149.31	84.614
255	255	990	SLU_ENV	Max	-5.93	0.	0.	0.
255	255	796	SLU_ENV	Max	-7.5	0.	0.	0.
255	255	798	SLU_ENV	Max	-8.32	0.	0.	0.
255	255	992	SLU_ENV	Max	-6.76	0.	0.	0.
255	255	990	SLU_ENV	Min	-16.27	0.	0.	0.
255	255	796	SLU_ENV	Min	-20.32	0.	0.	0.
255	255	798	SLU_ENV	Min	-22.35	0.	0.	0.



Table: Element Forces - Area Shells, Part 2 of 5

Area	AreaElem	Joint	OutputCase	StepType	F12 KN/m	FMax KN/m	FMin KN/m	FAngle Degrees
255	255	992	SLU_ENV	Min	-18.3	0.	0.	0.
255	255	990	SLV_Ex		14.43	5.52	-125.51	83.639
255	255	796	SLV_Ex		19.26	5.23	-133.63	81.95
255	255	798	SLV_Ex		19.64	1.39	-134.61	81.608
255	255	992	SLV_Ex		14.81	1.63	-126.44	83.315
256	256	992	SLU_ENV	Max	-7.46	0.	0.	0.
256	256	798	SLU_ENV	Max	-9.33	0.	0.	0.
256	256	800	SLU_ENV	Max	-11.8	0.	0.	0.
256	256	994	SLU_ENV	Max	-9.94	0.	0.	0.
256	256	992	SLU_ENV	Min	-20.11	0.	0.	0.
256	256	798	SLU_ENV	Min	-24.45	0.	0.	0.
256	256	800	SLU_ENV	Min	-30.7	0.	0.	0.
256	256	994	SLU_ENV	Min	-26.37	0.	0.	0.
256	256	992	SLV_Ex		15.12	7.35	-100.46	81.853
256	256	798	SLV_Ex		21.5	6.85	-113.72	79.553
256	256	800	SLV_Ex		23.88	0.92	-116.26	77.971
256	256	994	SLV_Ex		17.51	1.16	-102.75	80.153
257	257	994	SLU_ENV	Max	-11.18	0.	0.	0.
257	257	800	SLU_ENV	Max	-15.14	0.	0.	0.
257	257	802	SLU_ENV	Max	-15.29	0.	0.	0.
257	257	996	SLU_ENV	Max	-11.34	0.	0.	0.
257	257	994	SLU_ENV	Min	-29.31	0.	0.	0.
257	257	800	SLU_ENV	Min	-39.53	0.	0.	0.
257	257	802	SLU_ENV	Min	-38.33	0.	0.	0.
257	257	996	SLU_ENV	Min	-28.11	0.	0.	0.
257	257	994	SLV_Ex		18.42	8.73	-73.02	76.607
257	257	800	SLV_Ex		25.34	8.29	-90.72	74.608
257	257	802	SLV_Ex		25.6	5.4	-91.69	74.087
257	257	996	SLV_Ex		18.68	5.77	-73.93	76.022
258	258	996	SLU_ENV	Max	-13.27	0.	0.	0.
258	258	802	SLU_ENV	Max	-12.25	0.	0.	0.
258	258	598	SLU_ENV	Max	-5.49	0.	0.	0.
258	258	599	SLU_ENV	Max	-6.51	0.	0.	0.
258	258	996	SLU_ENV	Min	-30.95	0.	0.	0.
258	258	802	SLU_ENV	Min	-25.53	0.	0.	0.
258	258	598	SLU_ENV	Min	-9.35	0.	0.	0.
258	258	599	SLU_ENV	Min	-14.78	0.	0.	0.
258	258	996	SLV_Ex		19.28	11.31	-55.25	72.298
258	258	802	SLV_Ex		37.9	39.29	-40.86	54.469
258	258	598	SLV_Ex		26.23	16.94	-37.23	52.231
258	258	599	SLV_Ex		7.61	-9.1	-53.56	79.996

Table: Element Forces - Area Shells, Part 3 of 5

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
1	1	579	SLU_ENV	Max	0.	-1.5281	162.3357	59.1221
1	1	561	SLU_ENV	Max	0.	15.2491	77.6642	40.7902
1	1	596	SLU_ENV	Max	0.	19.7717	229.873	-15.245
1	1	597	SLU_ENV	Max	0.	3.2975	312.9927	-8.3327
1	1	579	SLU_ENV	Min	0.	-3.7387	61.2469	22.6908
1	1	561	SLU_ENV	Min	0.	5.64	28.7785	15.7784

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
1	1	596	SLU_ENV	Min	0.	7.3566	86.2345	-40.1544
1	1	597	SLU_ENV	Min	0.	1.1387	118.116	-21.8225
1	1	579	SLV_Ex		1590.73	2.5678	-141.1213	-47.3054
1	1	561	SLV_Ex		1490.92	-9.6587	-72.9296	-35.7254
1	1	596	SLV_Ex		1192.67	-13.429	-174.9691	28.8952
1	1	597	SLV_Ex		1441.39	-3.2616	-241.9113	17.3152
2	2	561	SLU_ENV	Max	0.	17.7236	77.4377	-16.672
2	2	543	SLU_ENV	Max	0.	-0.8449	168.2676	-24.7044
2	2	595	SLU_ENV	Max	0.	3.1355	318.0649	23.002
2	2	596	SLU_ENV	Max	0.	19.2129	230.4826	42.7308
2	2	561	SLU_ENV	Min	0.	7.028	28.7178	-43.2726
2	2	543	SLU_ENV	Min	0.	-3.2037	64.0823	-63.0014
2	2	595	SLU_ENV	Min	0.	0.7993	120.523	8.7137
2	2	596	SLU_ENV	Min	0.	6.7497	86.4513	16.7461
2	2	561	SLV_Ex		1333.88	-5.5222	-77.5887	27.8082
2	2	543	SLV_Ex		1817.51	-9.1952	-146.3045	42.0496
2	2	595	SLV_Ex		1916.38	-9.4875	-233.7991	-19.5559
2	2	596	SLV_Ex		1135.15	-2.6211	-167.3211	-33.7973
3	3	597	SLU_ENV	Max	0.	-5.1304	136.48	-17.8425
3	3	596	SLU_ENV	Max	0.	-4.0888	169.5582	-5.6869
3	3	599	SLU_ENV	Max	0.	61.5442	321.9679	15.9239
3	3	600	SLU_ENV	Max	0.	60.3937	287.7211	-6.1234
3	3	597	SLU_ENV	Min	0.	-13.5214	51.5879	-46.9839
3	3	596	SLU_ENV	Min	0.	-10.7748	64.1902	-14.8798
3	3	599	SLU_ENV	Min	0.	23.2663	121.6554	6.0322
3	3	600	SLU_ENV	Min	0.	22.7923	108.6377	-16.1802
3	3	597	SLV_Ex		1027.85	2.9347	-138.5059	35.5539
3	3	596	SLV_Ex		1548.01	3.5228	-162.6343	10.5385
3	3	599	SLV_Ex		1463.62	-37.6181	-204.9126	-12.4147
3	3	600	SLV_Ex		923.22	-39.3477	-179.9165	12.6008
4	4	596	SLU_ENV	Max	0.	-4.7677	169.3882	16.3524
4	4	595	SLU_ENV	Max	0.	-6.1163	135.0347	49.1527
4	4	598	SLU_ENV	Max	0.	60.4609	285.2066	16.6545
4	4	599	SLU_ENV	Max	0.	60.96	321.8979	-6.266
4	4	596	SLU_ENV	Min	0.	-11.3909	64.0795	6.3177
4	4	595	SLU_ENV	Min	0.	-15.0856	50.7296	19.0249
4	4	598	SLU_ENV	Min	0.	22.7763	107.4278	6.4412
4	4	599	SLU_ENV	Min	0.	23.0257	121.5821	-16.1458
4	4	596	SLV_Ex		1535.2	4.9054	-163.1601	-13.8507
4	4	595	SLV_Ex		1726.64	3.3566	-136.1069	-39.4016
4	4	598	SLV_Ex		1679.52	-39.8737	-174.832	-12.9754
4	4	599	SLV_Ex		1463.62	-35.8438	-203.7554	12.5755
5	5	633	SLU_ENV	Max	0.	-1.5281	162.3357	59.1221
5	5	617	SLU_ENV	Max	0.	15.2491	77.6642	40.7902
5	5	650	SLU_ENV	Max	0.	19.7717	229.873	-15.245
5	5	651	SLU_ENV	Max	0.	3.2975	312.9927	-8.3327
5	5	633	SLU_ENV	Min	0.	-3.7387	61.2469	22.6908
5	5	617	SLU_ENV	Min	0.	5.64	28.7785	15.7784
5	5	650	SLU_ENV	Min	0.	7.3566	86.2345	-40.1544
5	5	651	SLU_ENV	Min	0.	1.1387	118.116	-21.8225
5	5	633	SLV_Ex		1897.88	2.5678	-141.1213	-47.3054
5	5	617	SLV_Ex		1098.77	-9.6587	-72.9296	-35.7254
5	5	650	SLV_Ex		1050.96	-13.429	-174.9691	28.8952
5	5	651	SLV_Ex		1967.3	-3.2616	-241.9113	17.3152

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
7	7	651	SLU_ENV	Max	0.	-5.1304	136.48	-17.8425
7	7	650	SLU_ENV	Max	0.	-4.0888	169.5582	-5.6869
7	7	653	SLU_ENV	Max	0.	61.5442	321.9679	15.9239
7	7	654	SLU_ENV	Max	0.	60.3937	287.7211	-6.1234
7	7	651	SLU_ENV	Min	0.	-13.5214	51.5879	-46.9839
7	7	650	SLU_ENV	Min	0.	-10.7748	64.1902	-14.8798
7	7	653	SLU_ENV	Min	0.	23.2663	121.6554	6.0322
7	7	654	SLU_ENV	Min	0.	22.7923	108.6377	-16.1802
7	7	651	SLV_Ex		1701.13	2.9347	-138.5059	35.5539
7	7	650	SLV_Ex		1505.98	3.5228	-162.6343	10.5385
7	7	653	SLV_Ex		1442.75	-37.6181	-204.9126	-12.4147
7	7	654	SLV_Ex		1621.02	-39.3477	-179.9165	12.6008
8	8	657	SLU_ENV	Max	0.	-4.5468	172.0476	19.2238
8	8	649	SLU_ENV	Max	0.	-5.3785	135.3846	49.3668
8	8	652	SLU_ENV	Max	0.	59.866	285.4127	16.9858
8	8	653	SLU_ENV	Max	0.	62.4919	322.4264	-6.6013
8	8	657	SLU_ENV	Min	0.	-10.9506	65.0338	7.4005
8	8	649	SLU_ENV	Min	0.	-13.0732	50.8724	19.0928
8	8	652	SLU_ENV	Min	0.	22.5661	107.4947	6.5621
8	8	653	SLU_ENV	Min	0.	23.59	121.7945	-17.088
8	8	657	SLV_Ex		1582.56	4.9718	-164.636	-15.281
8	8	649	SLV_Ex		928.62	1.9677	-136.1648	-40.16
8	8	652	SLV_Ex		865.26	-39.5291	-175.1309	-12.6084
8	8	653	SLV_Ex		1517.33	-36.5447	-204.1996	12.6251
9	9	692	SLU_ENV	Max	0.	2.5832	-62.2093	-21.1141
9	9	676	SLU_ENV	Max	0.	-6.0242	-31.8694	-14.3152
9	9	709	SLU_ENV	Max	0.	-7.5577	-87.6528	39.2716
9	9	710	SLU_ENV	Max	0.	-1.6509	-117.4022	21.0744
9	9	692	SLU_ENV	Min	0.	0.8332	-164.0789	-56.7759
9	9	676	SLU_ENV	Min	0.	-15.81	-82.6269	-38.5787
9	9	709	SLU_ENV	Min	0.	-19.9084	-231.8185	14.6786
9	9	710	SLU_ENV	Min	0.	-4.0305	-311.7107	7.8797
9	9	692	SLV_Ex		2887.03	21.1763	-157.1425	-72.287
9	9	676	SLV_Ex		2018.98	-18.1875	-55.4672	-46.6092
9	9	709	SLV_Ex		1618.72	-47.4083	-382.0369	53.7258
9	9	710	SLV_Ex		3039.13	-11.1479	-482.0268	28.048
10	10	676	SLU_ENV	Max	0.	-5.8362	-31.6277	40.6822
10	10	660	SLU_ENV	Max	0.	5.0734	-61.8241	56.7621
10	10	708	SLU_ENV	Max	0.	-2.3632	-117.3358	-8.5468
10	10	709	SLU_ENV	Max	0.	-8.9272	-88.1308	-14.0458
10	10	676	SLU_ENV	Min	0.	-16.258	-82.0927	14.8027
10	10	660	SLU_ENV	Min	0.	2.2373	-165.644	20.3017
10	10	708	SLU_ENV	Min	0.	-5.4552	-313.6805	-22.8223
10	10	709	SLU_ENV	Min	0.	-22.5043	-232.9615	-38.9022
10	10	676	SLV_Ex		2701.04	-19.3284	-52.4051	57.2857
10	10	660	SLV_Ex		2235.31	32.1871	-158.871	76.2985
10	10	708	SLV_Ex		2154.34	-11.6805	-490.6525	-29.7953
10	10	709	SLV_Ex		1894.6	-57.8432	-387.4142	-48.8081
11	11	710	SLU_ENV	Max	0.	13.2154	-51.4524	46.0462
11	11	709	SLU_ENV	Max	0.	10.5534	-63.4257	14.2191
11	11	712	SLU_ENV	Max	0.	-22.8164	-119.6262	-5.9131
11	11	713	SLU_ENV	Max	0.	-22.5346	-107.1286	16.0584
11	11	710	SLU_ENV	Min	0.	4.9118	-136.4554	17.2366
11	11	709	SLU_ENV	Min	0.	3.9149	-168.5355	5.296

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
11	11	712	SLU_ENV	Min	0.	-60.8061	-318.6001	-15.7686
11	11	713	SLU_ENV	Min	0.	-59.9528	-285.1943	6.0276
11	11	710	SLV_Ex		3201.4	24.259	-149.5163	62.3809
11	11	709	SLV_Ex		2583.4	21.5849	-192.5467	19.443
11	11	712	SLV_Ex		2495.35	-99.9769	-523.4775	-21.2243
11	11	713	SLV_Ex		3057.61	-100.3574	-478.194	21.7136
12	12	709	SLU_ENV	Max	0.	8.1657	-63.5132	-5.7081
12	12	708	SLU_ENV	Max	0.	12.1449	-51.8351	-16.899
12	12	711	SLU_ENV	Max	0.	-22.6664	-106.9845	-5.7164
12	12	712	SLU_ENV	Max	0.	-22.6858	-119.7766	14.976
12	12	709	SLU_ENV	Min	0.	2.595	-168.6564	-15.5627
12	12	708	SLU_ENV	Min	0.	4.1383	-136.635	-46.1156
12	12	711	SLU_ENV	Min	0.	-60.1977	-284.0876	-15.5769
12	12	712	SLU_ENV	Min	0.	-60.3947	-318.8744	5.4745
12	12	709	SLV_Ex		2692.55	15.628	-192.59	-19.4932
12	12	708	SLV_Ex		1420.56	21.4536	-152.4498	-59.3689
12	12	711	SLV_Ex		1341.25	-100.8019	-479.7061	-20.458
12	12	712	SLV_Ex		2495.35	-100.068	-524.6438	19.4178
13	13	746	SLU_ENV	Max	0.	2.5832	-62.2093	-21.1141
13	13	730	SLU_ENV	Max	0.	-6.0242	-31.8694	-14.3152
13	13	763	SLU_ENV	Max	0.	-7.5577	-87.6528	39.2716
13	13	764	SLU_ENV	Max	0.	-1.6509	-117.4022	21.0744
13	13	746	SLU_ENV	Min	0.	0.8332	-164.0789	-56.7759
13	13	730	SLU_ENV	Min	0.	-15.81	-82.6269	-38.5787
13	13	763	SLU_ENV	Min	0.	-19.9084	-231.8185	14.6786
13	13	764	SLU_ENV	Min	0.	-4.0305	-311.7107	7.8797
13	13	746	SLV_Ex		3092.17	21.1763	-157.1425	-72.287
13	13	730	SLV_Ex		2963.31	-18.1875	-55.4672	-46.6092
13	13	763	SLV_Ex		2324.92	-47.4083	-382.0369	53.7258
13	13	764	SLV_Ex		2824.52	-11.1479	-482.0268	28.048
15	15	764	SLU_ENV	Max	0.	13.2154	-51.4524	46.0462
15	15	763	SLU_ENV	Max	0.	10.5534	-63.4257	14.2191
15	15	766	SLU_ENV	Max	0.	-22.8164	-119.6262	-5.9131
15	15	767	SLU_ENV	Max	0.	-22.5346	-107.1286	16.0584
15	15	764	SLU_ENV	Min	0.	4.9118	-136.4554	17.2366
15	15	763	SLU_ENV	Min	0.	3.9149	-168.5355	5.296
15	15	766	SLU_ENV	Min	0.	-60.8061	-318.6001	-15.7686
15	15	767	SLU_ENV	Min	0.	-59.9528	-285.1943	6.0276
15	15	764	SLV_Ex		2114.33	24.259	-149.5163	62.3809
15	15	763	SLV_Ex		3335.87	21.5849	-192.5467	19.443
15	15	766	SLV_Ex		3174.74	-99.9769	-523.4775	-21.2243
15	15	767	SLV_Ex		1988.7	-100.3574	-478.194	21.7136
16	16	770	SLU_ENV	Max	0.	8.0194	-64.666	-6.7766
16	16	762	SLU_ENV	Max	0.	10.0428	-51.9302	-17.0275
16	16	765	SLU_ENV	Max	0.	-22.3836	-107.0907	-5.8454
16	16	766	SLU_ENV	Max	0.	-23.3116	-119.9334	16.017
16	16	770	SLU_ENV	Min	0.	2.5945	-171.6031	-18.4139
16	16	762	SLU_ENV	Min	0.	3.331	-136.9181	-46.4195
16	16	765	SLU_ENV	Min	0.	-59.4868	-284.3432	-15.9147
16	16	766	SLU_ENV	Min	0.	-62.0237	-319.328	5.8834
16	16	770	SLV_Ex		3321.36	16.0412	-197.4805	-24.6679
16	16	762	SLV_Ex		3947.39	17.5617	-152.6887	-59.0016
16	16	765	SLV_Ex		3785.93	-100.1875	-480.5752	-21.9901
16	16	766	SLV_Ex		3223.23	-102.7239	-525.3712	22.1732

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
18	18	617	SLU_ENV	Max	0.	60.5587	92.2471	55.2013
18	18	771	SLU_ENV	Max	0.	65.0957	90.7128	53.454
18	18	657	SLU_ENV	Max	0.	-11.6544	212.5861	-20.3783
18	18	650	SLU_ENV	Max	0.	-11.2983	215.2294	-19.679
18	18	617	SLU_ENV	Min	0.	23.9629	34.3557	20.0684
18	18	771	SLU_ENV	Min	0.	25.6496	33.8119	19.3691
18	18	657	SLU_ENV	Min	0.	-26.8645	79.6395	-56.6913
18	18	650	SLU_ENV	Min	0.	-25.841	80.5908	-54.944
18	18	617	SLV_Ex		2990.2	-36.5712	-84.6598	-41.8176
18	18	771	SLV_Ex		2315.76	-41.9315	-84.0201	-40.6534
18	18	657	SLV_Ex		1473.09	22.7791	-159.6774	36.4006
18	18	650	SLV_Ex		1071.15	19.5785	-162.0199	35.2364
19	19	771	SLU_ENV	Max	0.	15.3575	76.4125	-18.004
19	19	601	SLU_ENV	Max	0.	-1.0158	168.0851	-25.3373
19	19	649	SLU_ENV	Max	0.	2.0873	317.9448	25.3897
19	19	657	SLU_ENV	Max	0.	20.4882	226.4093	43.3719
19	19	771	SLU_ENV	Min	0.	6.103	28.3874	-46.7386
19	19	601	SLU_ENV	Min	0.	-3.6688	63.9959	-64.7207
19	19	649	SLU_ENV	Min	0.	0.4029	120.4959	9.6128
19	19	657	SLU_ENV	Min	0.	7.2818	84.942	16.9461
19	19	771	SLV_Ex		1292.06	-4.0463	-77.1425	30.2069
19	19	601	SLV_Ex		1319.08	-9.0641	-146.5499	43.2846
19	19	649	SLV_Ex		1463.74	-8.8481	-233.3996	-21.2242
19	19	657	SLV_Ex		1037.27	-3.3656	-164.2069	-34.302
20	20	730	SLU_ENV	Max	0.	-19.2282	-37.0261	-23.3437
20	20	772	SLU_ENV	Max	0.	-21.0798	-36.3499	-22.8186
20	20	770	SLU_ENV	Max	0.	17.8994	-81.5369	62.3984
20	20	763	SLU_ENV	Max	0.	16.4692	-82.7015	60.8933
20	20	730	SLU_ENV	Min	0.	-54.1207	-96.5832	-59.834
20	20	772	SLU_ENV	Min	0.	-58.9208	-94.8662	-58.3289
20	20	770	SLU_ENV	Min	0.	5.2207	-215.2906	24.3687
20	20	763	SLU_ENV	Min	0.	4.6193	-218.2488	23.8436
20	20	730	SLV_Ex		5877.99	-63.9543	-82.0757	-96.5219
20	20	772	SLV_Ex		6974.13	-68.7354	-78.5914	-94.6611
20	20	770	SLV_Ex		1812.41	-0.8654	-350.8179	106.1066
20	20	763	SLV_Ex		2321.4	1.3965	-354.8208	104.2457
21	21	772	SLU_ENV	Max	0.	-5.0517	-31.0519	43.9914
21	21	714	SLU_ENV	Max	0.	5.5595	-61.8062	58.5668
21	21	762	SLU_ENV	Max	0.	-1.9788	-117.2395	-9.4453
21	21	770	SLU_ENV	Max	0.	-9.2402	-86.5214	-14.4196
21	21	772	SLU_ENV	Min	0.	-14.0825	-80.7185	16.021
21	21	714	SLU_ENV	Min	0.	2.4243	-165.5515	20.9952
21	21	762	SLU_ENV	Min	0.	-4.4261	-313.4698	-25.2118
21	21	770	SLU_ENV	Min	0.	-23.4796	-228.7464	-39.7873
21	21	772	SLV_Ex		2178.33	-16.7094	-50.2943	61.9907
21	21	714	SLV_Ex		4155.92	33.1509	-159.3648	79.144
21	21	762	SLV_Ex		4178.54	-9.7479	-489.5794	-33.3749
21	21	770	SLV_Ex		2091.83	-58.8858	-380.3139	-50.5282
34	34	765	SLU_ENV	Max	0.	-540.193	-50.3919	279.5566
34	34	325	SLU_ENV	Max	0.	-339.9172	94.5658	428.3385
34	34	773	SLU_ENV	Max	0.	-172.0104	-2.4683	23.3655
34	34	774	SLU_ENV	Max	0.	-368.0247	-99.0106	-48.735
34	34	765	SLU_ENV	Min	0.	-1417.2427	-116.559	117.6088
34	34	325	SLU_ENV	Min	0.	-890.4996	39.5538	177.6247

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
34	34	773	SLU_ENV	Min	0.	-457.094	-10.707	-25.667
34	34	774	SLU_ENV	Min	0.	-972.2062	-234.3953	-162.3633
34	34	765	SLV_Ex		483.74	-2404.597	-146.3375	548.3066
34	34	325	SLV_Ex		283.38	-1521.1782	132.7331	826.8329
34	34	773	SLV_Ex		240.89	-1143.0781	-149.6356	71.502
34	34	774	SLV_Ex		458.21	-2007.5867	-452.2157	-207.0231
35	35	774	SLU_ENV	Max	0.	-222.5616	-57.0741	-19.9898
35	35	773	SLU_ENV	Max	0.	-244.4073	-31.3623	-16.5302
35	35	775	SLU_ENV	Max	0.	-103.1493	-8.0989	17.7655
35	35	776	SLU_ENV	Max	0.	-81.6428	-33.2388	12.4004
35	35	774	SLU_ENV	Min	0.	-642.561	-143.1306	-92.8023
35	35	773	SLU_ENV	Min	0.	-676.9938	-78.4514	-80.7857
35	35	775	SLU_ENV	Min	0.	-305.3381	-20.357	-46.4406
35	35	776	SLU_ENV	Min	0.	-270.824	-84.8872	-56.5517
35	35	774	SLV_Ex		400.86	-1339.1552	-304.6476	-63.2517
35	35	773	SLV_Ex		303.8	-1452.024	-225.306	-67.8477
35	35	775	SLV_Ex		298.04	-1114.9248	-153.9814	49.8125
35	35	776	SLV_Ex		395.86	-1004.5738	-229.631	54.4084
36	36	776	SLU_ENV	Max	0.	-99.8752	-27.6102	15.6231
36	36	775	SLU_ENV	Max	0.	-71.2426	-10.9928	14.0813
36	36	777	SLU_ENV	Max	0.	74.2844	43.3474	-16.8579
36	36	778	SLU_ENV	Max	0.	28.0928	-0.8901	-15.9991
36	36	776	SLU_ENV	Min	0.	-323.3008	-72.4737	-48.9666
36	36	775	SLU_ENV	Min	0.	-248.5649	-31.9113	-54.5276
36	36	777	SLU_ENV	Min	0.	46.5767	14.4874	-106.12
36	36	778	SLU_ENV	Min	0.	-6.176	-4.2011	-99.8758
36	36	776	SLV_Ex		366.68	-1108.9441	-217.1596	63.7525
36	36	775	SLV_Ex		305.68	-966.5215	-157.6464	39.0779
36	36	777	SLV_Ex		301.86	-665.5306	-61.5247	-79.3197
36	36	778	SLV_Ex		363.73	-803.7644	-126.4948	-54.6448
37	37	778	SLU_ENV	Max	0.	61.641	11.2012	-19.5758
37	37	777	SLU_ENV	Max	0.	52.8008	28.0936	-13.0543
37	37	779	SLU_ENV	Max	0.	303.223	67.9783	-5.193
37	37	780	SLU_ENV	Max	0.	319.4381	50.1805	-12.2101
37	37	778	SLU_ENV	Min	0.	18.3459	1.992	-108.8165
37	37	777	SLU_ENV	Min	0.	5.5073	10.5604	-96.6207
37	37	779	SLU_ENV	Min	0.	128.8871	20.8811	-79.233
37	37	780	SLU_ENV	Min	0.	135.1511	12.2713	-90.9331
37	37	778	SLV_Ex		335.98	-723.0498	-108.63	-72.9982
37	37	777	SLV_Ex		295.12	-736.8164	-77.5036	-60.0169
37	37	779	SLV_Ex		290.01	-469.7794	-41.7364	-41.6479
37	37	780	SLV_Ex		331.54	-456.2336	-72.46	-54.6292
38	38	780	SLU_ENV	Max	0.	298.9595	54.9893	-9.9693
38	38	779	SLU_ENV	Max	0.	303.4436	59.1179	-8.0353
38	38	781	SLU_ENV	Max	0.	542.8114	107.9208	-11.8941
38	38	782	SLU_ENV	Max	0.	540.2447	101.2774	-13.8281
38	38	780	SLU_ENV	Min	0.	131.3217	14.1301	-85.1158
38	38	779	SLU_ENV	Min	0.	137.0004	19.8791	-84.7981
38	38	781	SLU_ENV	Min	0.	210.4405	32.3925	-87.0559
38	38	782	SLU_ENV	Min	0.	205.3299	25.8888	-87.3735
38	38	780	SLV_Ex		307.71	-490.5805	-68.7887	-48.595
38	38	779	SLV_Ex		278.24	-440.8077	-46.4829	-48.2121
38	38	781	SLV_Ex		276.42	-204.0667	2.0196	-88.8093
38	38	782	SLV_Ex		306.2	-251.537	-23.3507	-89.1919

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
39	39	782	SLU_ENV	Max	0.	545.0252	107.7104	-15.4473
39	39	781	SLU_ENV	Max	0.	519.196	97.7208	-10.1674
39	39	783	SLU_ENV	Max	0.	721.7846	124.6403	-4.2082
39	39	784	SLU_ENV	Max	0.	748.21	133.9318	-9.4881
39	39	782	SLU_ENV	Min	0.	212.2205	27.6624	-92.2931
39	39	781	SLU_ENV	Min	0.	206.5468	31.2183	-81.8493
39	39	783	SLU_ENV	Min	0.	258.4597	34.599	-59.4337
39	39	784	SLU_ENV	Min	0.	264.215	30.9404	-69.8775
39	39	782	SLV_Ex		282.8	-229.3631	-17.99	-97.5967
39	39	781	SLV_Ex		262.16	-236.6618	-5.4252	-80.0698
39	39	783	SLV_Ex		259.78	-29.0041	13.2292	-70.5354
39	39	784	SLV_Ex		280.74	-20.9417	-0.3398	-88.0622
40	40	784	SLU_ENV	Max	0.	749.9772	154.0851	-7.1698
40	40	783	SLU_ENV	Max	0.	706.9335	101.8701	-6.5647
40	40	785	SLU_ENV	Max	0.	873.471	135.3956	-3.8356
40	40	786	SLU_ENV	Max	0.	917.7048	186.5614	-4.4407
40	40	784	SLU_ENV	Min	0.	263.4561	31.5977	-64.8352
40	40	783	SLU_ENV	Min	0.	261.2328	34.3444	-64.5645
40	40	785	SLU_ENV	Min	0.	292.3397	39.9596	-33.7092
40	40	786	SLU_ENV	Min	0.	294.8387	36.8418	-33.9798
40	40	784	SLV_Ex		258.59	-39.1746	0.8327	-83.6215
40	40	783	SLV_Ex		244.33	-21.8975	9.8315	-75.1637
40	40	785	SLV_Ex		242.83	159.7253	36.0909	-88.5095
40	40	786	SLV_Ex		257.29	144.1132	24.8498	-96.9672
41	41	786	SLU_ENV	Max	0.	917.0496	189.8505	-5.1936
41	41	785	SLU_ENV	Max	0.	866.4841	130.5781	-3.0063
41	41	787	SLU_ENV	Max	0.	884.6389	129.0818	3.8741
41	41	788	SLU_ENV	Max	0.	934.8913	188.3258	0.221
41	41	786	SLU_ENV	Min	0.	296.6976	37.2918	-35.6723
41	41	785	SLU_ENV	Min	0.	291.5165	39.7168	-31.8439
41	41	787	SLU_ENV	Min	0.	301.6704	38.775	2.2
41	41	788	SLU_ENV	Min	0.	306.7857	36.4407	-0.1627
41	41	786	SLV_Ex		236.11	150.3537	26.9039	-99.3408
41	41	785	SLV_Ex		226.8	138.9415	31.1281	-86.0142
41	41	787	SLV_Ex		225.29	295.3621	45.4419	-74.0057
41	41	788	SLV_Ex		234.76	307.8907	39.7142	-87.3323
42	42	788	SLU_ENV	Max	0.	935.1247	188.3229	3.9643
42	42	787	SLU_ENV	Max	0.	884.9331	129.1902	0.1112
42	42	789	SLU_ENV	Max	0.	866.3165	130.8812	35.5624
42	42	790	SLU_ENV	Max	0.	916.7845	190.0913	39.6234
42	42	788	SLU_ENV	Min	0.	306.9199	36.4389	2.2552
42	42	787	SLU_ENV	Min	0.	301.84	38.8375	-0.2712
42	42	789	SLU_ENV	Min	0.	291.4162	39.8853	5.109
42	42	790	SLU_ENV	Min	0.	296.5412	37.4234	7.4275
42	42	788	SLV_Ex		214.71	293.1924	40.0125	-85.4949
42	42	787	SLV_Ex		209.22	297.0909	42.5498	-75.8494
42	42	789	SLV_Ex		208.12	430.0116	57.1187	-78.3004
42	42	790	SLV_Ex		213.69	427.276	53.0119	-87.9458
43	43	790	SLU_ENV	Max	0.	918.1081	186.7995	37.956
43	43	789	SLU_ENV	Max	0.	873.7117	135.9168	37.4024
43	43	791	SLU_ENV	Max	0.	706.6608	102.6458	68.4269
43	43	792	SLU_ENV	Max	0.	749.8348	154.6201	68.9804
43	43	790	SLU_ENV	Min	0.	295.0634	36.9737	6.6883
43	43	789	SLU_ENV	Min	0.	292.478	40.2518	5.924

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
43	43	791	SLU_ENV	Min	0.	261.0718	34.7757	8.7494
43	43	792	SLU_ENV	Min	0.	263.3634	31.8924	9.5136
43	43	790	SLV_Ex		194.41	431.2563	54.3155	-85.9573
43	43	789	SLV_Ex		192.43	410.7248	52.7538	-80.2966
43	43	791	SLV_Ex		191.43	521.2728	68.2115	-60.8596
43	43	792	SLV_Ex		193.47	543.0183	68.136	-66.5202
44	44	792	SLU_ENV	Max	0.	748.5494	134.4337	74.0153
44	44	791	SLU_ENV	Max	0.	722.2186	125.6867	63.3057
44	44	793	SLU_ENV	Max	0.	518.9995	98.9722	85.6953
44	44	794	SLU_ENV	Max	0.	544.6985	108.4635	96.4049
44	44	792	SLU_ENV	Min	0.	264.4004	31.2163	11.8262
44	44	791	SLU_ENV	Min	0.	258.7051	35.1858	6.3989
44	44	793	SLU_ENV	Min	0.	206.4258	31.9145	12.3437
44	44	794	SLU_ENV	Min	0.	212.0196	28.0733	17.771
44	44	792	SLV_Ex		175.12	525.7505	68.0728	-67.3591
44	44	791	SLV_Ex		176.02	525.7703	65.7206	-59.8722
44	44	793	SLV_Ex		175.4	614.841	73.9214	-60.0097
44	44	794	SLV_Ex		174.49	615.3528	75.5668	-67.4966
45	45	794	SLU_ENV	Max	0.	540.8073	101.9797	91.5641
45	45	793	SLU_ENV	Max	0.	543.1076	109.4993	90.8213
45	45	795	SLU_ENV	Max	0.	302.9278	61.0895	88.9411
45	45	796	SLU_ENV	Max	0.	298.6931	56.1041	89.6838
45	45	794	SLU_ENV	Min	0.	205.6373	26.2712	16.1948
45	45	793	SLU_ENV	Min	0.	210.6055	33.2761	14.0251
45	45	795	SLU_ENV	Min	0.	136.6946	20.9765	10.3788
45	45	796	SLU_ENV	Min	0.	131.1491	14.7367	12.5485
45	45	794	SLV_Ex		156.5	629.0049	77.9786	-61.0327
45	45	793	SLV_Ex		161.04	588.7366	69.019	-66.6648
45	45	795	SLV_Ex		160.5	658.1387	91.4909	-30.1953
45	45	796	SLV_Ex		155.95	699.8437	98.5254	-24.5631
46	46	796	SLU_ENV	Max	0.	319.6185	51.1117	95.5113
46	46	795	SLU_ENV	Max	0.	303.8772	70.4568	82.8746
46	46	797	SLU_ENV	Max	0.	52.4316	30.9252	100.5656
46	46	798	SLU_ENV	Max	0.	60.8685	12.5142	113.2023
46	46	796	SLU_ENV	Min	0.	135.2426	12.7744	14.7916
46	46	795	SLU_ENV	Min	0.	129.2536	22.2693	8.0309
46	46	797	SLU_ENV	Min	0.	5.156	12.1322	15.289
46	46	798	SLU_ENV	Min	0.	17.609	2.6941	22.0498
46	46	796	SLV_Ex		138.49	670.789	98.5719	-27.7217
46	46	795	SLV_Ex		146.63	679.2969	89.8651	-26.6465
46	46	797	SLV_Ex		146.88	729.6497	98.1625	-36.3607
46	46	798	SLV_Ex		138.65	720.7538	107.4288	-37.436
47	47	798	SLU_ENV	Max	0.	28.5577	-0.1008	104.3609
47	47	797	SLU_ENV	Max	0.	74.5194	46.9258	109.9559
47	47	799	SLU_ENV	Max	0.	-71.9854	-8.6806	58.1126
47	47	800	SLU_ENV	Max	0.	-100.4094	-26.7974	53.0558
47	47	798	SLU_ENV	Min	0.	-5.7237	-3.4475	18.5273
47	47	797	SLU_ENV	Min	0.	46.7072	16.4874	19.0315
47	47	799	SLU_ENV	Min	0.	-249.8399	-27.7482	-10.4104
47	47	800	SLU_ENV	Min	0.	-324.1868	-70.9282	-11.4531
47	47	798	SLV_Ex		121.28	776.5939	115.9584	-25.5718
47	47	797	SLV_Ex		135.57	678.893	90.6495	-48.8997
47	47	799	SLV_Ex		136.78	711.9559	130.4951	38.506
47	47	800	SLV_Ex		122.54	812.4438	152.0978	61.8341



Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
48	48	800	SLU_ENV	Max	0.	-82.252	-32.9911	60.9342
48	48	799	SLU_ENV	Max	0.	-102.2702	-4.9123	49.7384
48	48	801	SLU_ENV	Max	0.	-244.7392	-27.4232	83.5408
48	48	802	SLU_ENV	Max	0.	-224.3797	-56.0929	96.9469
48	48	800	SLU_ENV	Min	0.	-271.8972	-84.3379	-7.958
48	48	799	SLU_ENV	Min	0.	-303.7863	-14.6699	-14.3637
48	48	801	SLU_ENV	Min	0.	-677.5405	-71.3099	18.1188
48	48	802	SLU_ENV	Min	0.	-645.7322	-141.1559	22.3142
48	48	800	SLV_Ex		101.97	733.7595	152.3103	56.2649
48	48	799	SLV_Ex		130.7	819.3688	136.0285	45.0541
48	48	801	SLV_Ex		137.08	836.0032	152.8291	-38.3133
48	48	802	SLV_Ex		108.92	748.5171	171.6648	-27.1026
49	49	802	SLU_ENV	Max	0.	-366.5088	-100.4771	165.3637
49	49	801	SLU_ENV	Max	0.	-169.7702	7.9945	28.63
49	49	14	SLU_ENV	Max	0.	-339.8425	106.359	-174.3341
49	49	598	SLU_ENV	Max	0.	-540.7394	-53.2143	-114.9157
49	49	802	SLU_ENV	Min	0.	-969.4315	-236.6757	50.3769
49	49	801	SLU_ENV	Min	0.	-453.0478	-0.0965	-20.2449
49	49	14	SLU_ENV	Min	0.	-890.18	45.9971	-422.677
49	49	598	SLU_ENV	Min	0.	-1418.0174	-120.9507	-274.7409
49	49	802	SLV_Ex		93.79	1201.2347	237.4226	-129.8516
49	49	801	SLV_Ex		175.98	640.2165	138.4571	61.2623
49	49	14	SLV_Ex		241.22	634.2605	-107.3832	570.164
49	49	598	SLV_Ex		185.21	1208.6262	-26.1038	379.051
50	50	325	SLU_ENV	Max	0.	-332.3232	-95.5447	285.6739
50	50	343	SLU_ENV	Max	0.	-246.326	-44.0324	109.7401
50	50	803	SLU_ENV	Max	0.	-120.6139	124.3619	7.3711
50	50	773	SLU_ENV	Max	0.	-206.1579	0.9355	127.1633
50	50	325	SLU_ENV	Min	0.	-879.3438	-277.8775	122.6762
50	50	343	SLU_ENV	Min	0.	-640.5507	-134.6339	59.6052
50	50	803	SLU_ENV	Min	0.	-307.7605	50.0385	-53.6975
50	50	773	SLU_ENV	Min	0.	-544.8645	-22.4103	65.515
50	50	325	SLV_Ex		259.94	-1519.4329	-467.8231	578.0852
50	50	343	SLV_Ex		273.9	-1138.0154	-289.5913	259.9807
50	50	803	SLV_Ex		223.6	-868.3926	111.7746	-1.4053
50	50	773	SLV_Ex		216.98	-1248.4311	-67.1181	316.6993
51	51	773	SLU_ENV	Max	0.	-233.7846	1.1114	29.0321
51	51	803	SLU_ENV	Max	0.	-174.1412	67.8932	85.24
51	51	804	SLU_ENV	Max	0.	-51.7555	46.7007	24.1601
51	51	775	SLU_ENV	Max	0.	-109.348	-16.5228	-23.4931
51	51	773	SLU_ENV	Min	0.	-651.5385	-21.1786	-14.7908
51	51	803	SLU_ENV	Min	0.	-480.8397	32.9181	45.9984
51	51	804	SLU_ENV	Min	0.	-158.8072	18.6367	-45.7599
51	51	775	SLU_ENV	Min	0.	-323.7636	-44.4115	-115.1037
51	51	773	SLV_Ex		281.9	-1415.6274	-80.7679	84.3779
51	51	803	SLV_Ex		217.06	-1143.5227	36.9591	229.8121
51	51	804	SLV_Ex		223.47	-865.0853	-62.3454	45.1243
51	51	775	SLV_Ex		288.23	-1128.8182	-186.0035	-100.3099
52	52	775	SLU_ENV	Max	0.	-66.4676	-5.3288	-7.0593
52	52	804	SLU_ENV	Max	0.	-68.0576	23.1437	-0.3233
52	52	805	SLU_ENV	Max	0.	64.4071	74.1095	5.6334
52	52	777	SLU_ENV	Max	0.	65.7765	33.2624	-1.1026
52	52	775	SLU_ENV	Min	0.	-234.4469	-17.2936	-78.5598
52	52	804	SLU_ENV	Min	0.	-230.319	12.7584	-73.1445

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
52	52	805	SLU_ENV	Min	0.	40.642	29.3428	-71.8225
52	52	777	SLU_ENV	Min	0.	37.5868	11.2667	-77.2379
52	52	775	SLV_Ex		296.19	-953.9335	-148.4237	-26.9452
52	52	804	SLV_Ex		240.58	-958.3314	-83.5975	-26.7951
52	52	805	SLV_Ex		238.85	-686.5118	-29.9054	-13.9665
52	52	777	SLV_Ex		294.54	-682.7823	-94.0662	-14.1166
53	53	777	SLU_ENV	Max	0.	56.8661	42.0801	-3.6792
53	53	805	SLU_ENV	Max	0.	79.4849	60.5813	8.006
53	53	806	SLU_ENV	Max	0.	324.6442	98.8133	-5.5422
53	53	779	SLU_ENV	Max	0.	296.9488	78.3641	-13.3916
53	53	777	SLU_ENV	Min	0.	15.5367	14.486	-79.3711
53	53	805	SLU_ENV	Min	0.	37.3156	26.9922	-69.9261
53	53	806	SLU_ENV	Min	0.	140.2689	36.8601	-83.7123
53	53	779	SLU_ENV	Min	0.	127.2905	23.7026	-96.993
53	53	777	SLV_Ex		287.9	-731.8497	-87.8828	-24.5306
53	53	805	SLV_Ex		245.86	-651.6937	-38.9386	-4.1808
53	53	806	SLV_Ex		245.31	-404.0468	-10.1571	-56.0156
53	53	779	SLV_Ex		287.46	-480.78	-61.527	-76.3653
54	54	779	SLU_ENV	Max	0.	315.557	88.8809	-12.0478
54	54	806	SLU_ENV	Max	0.	294.3948	85.9682	-6.8583
54	54	807	SLU_ENV	Max	0.	518.1511	122.614	-1.7349
54	54	781	SLU_ENV	Max	0.	540.0795	125.0652	-7.9379
54	54	779	SLU_ENV	Min	0.	139.5351	27.3326	-93.9525
54	54	806	SLU_ENV	Min	0.	135.6512	34.7555	-86.3241
54	54	807	SLU_ENV	Min	0.	206.0667	43.1899	-71.4237
54	54	781	SLU_ENV	Min	0.	210.0591	35.7055	-78.0385
54	54	779	SLV_Ex		275.61	-437.4703	-49.5827	-72.2395
54	54	806	SLV_Ex		243.21	-441.0072	-20.8316	-59.643
54	54	807	SLV_Ex		241.26	-216.0089	10.4611	-52.471
54	54	781	SLV_Ex		273.83	-212.1228	-18.4739	-65.0675
55	55	781	SLU_ENV	Max	0.	532.689	131.2057	-6.9716
55	55	807	SLU_ENV	Max	0.	510.8407	113.5333	-3.2886
55	55	808	SLU_ENV	Max	0.	698.6769	144.1163	-4.1086
55	55	783	SLU_ENV	Max	0.	722.1883	160.6389	-7.3082
55	55	781	SLU_ENV	Min	0.	208.5851	36.9935	-77.8032
55	55	807	SLU_ENV	Min	0.	210.4035	42.4745	-71.2751
55	55	808	SLU_ENV	Min	0.	260.6671	49.2418	-56.1978
55	55	783	SLU_ENV	Min	0.	259.3381	43.407	-63.2092
55	55	781	SLV_Ex		259.47	-235.0648	-15.6727	-65.2438
55	55	807	SLV_Ex		235.38	-203.4545	5.5823	-52.5703
55	55	808	SLV_Ex		234.48	-3.876	32.5772	-72.3708
55	55	783	SLV_Ex		258.7	-33.3411	9.7768	-85.0442
56	56	783	SLU_ENV	Max	0.	728.317	159.7174	-7.1659
56	56	808	SLU_ENV	Max	0.	687.2317	143.9745	-4.1708
56	56	809	SLU_ENV	Max	0.	831.2525	164.1624	0.3435
56	56	785	SLU_ENV	Max	0.	872.5062	179.6419	-3.2724
56	56	783	SLU_ENV	Min	0.	263.4499	44.6043	-63.5921
56	56	808	SLU_ENV	Min	0.	259.0988	48.5532	-55.6118
56	56	809	SLU_ENV	Min	0.	289.3023	51.3124	-27.4091
56	56	785	SLU_ENV	Min	0.	293.656	47.3669	-34.7685
56	56	783	SLV_Ex		243.18	-19.0918	14.4836	-85.744
56	56	808	SLV_Ex		225.35	-26.4128	26.2129	-71.475
56	56	809	SLV_Ex		224.05	149.1019	46.1076	-63.7458
56	56	785	SLV_Ex		242.	157.3732	33.7069	-78.0147

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
57	57	785	SLU_ENV	Max	0.	873.1631	182.5819	-1.7582
57	57	809	SLU_ENV	Max	0.	826.2167	160.3467	-1.8194
57	57	810	SLU_ENV	Max	0.	852.6881	167.2786	1.2972
57	57	787	SLU_ENV	Max	0.	900.3802	189.1793	2.3505
57	57	785	SLU_ENV	Min	0.	293.3812	47.6926	-30.1551
57	57	809	SLU_ENV	Min	0.	290.5424	51.1798	-31.4442
57	57	810	SLU_ENV	Min	0.	300.5523	53.3365	0.7072
57	57	787	SLU_ENV	Min	0.	303.5868	49.7046	1.0044
57	57	785	SLV_Ex		225.9	141.6445	34.7707	-76.6135
57	57	809	SLV_Ex		213.51	152.9069	42.659	-65.2287
57	57	810	SLV_Ex		212.68	304.5072	61.1898	-71.9176
57	57	787	SLV_Ex		225.17	294.742	52.2143	-83.3023
58	58	787	SLU_ENV	Max	0.	900.5607	189.1435	1.513
58	58	810	SLU_ENV	Max	0.	852.7672	167.3664	2.2313
58	58	811	SLU_ENV	Max	0.	826.0804	160.8307	34.8186
58	58	789	SLU_ENV	Max	0.	873.0963	182.9646	33.9452
58	58	787	SLU_ENV	Min	0.	303.6904	49.6844	0.938
58	58	810	SLU_ENV	Min	0.	300.599	53.3868	0.9222
58	58	811	SLU_ENV	Min	0.	290.4612	51.4499	3.7307
58	58	789	SLU_ENV	Min	0.	293.339	47.9045	3.9016
58	58	787	SLV_Ex		209.07	301.0174	54.7113	-82.9928
58	58	810	SLV_Ex		201.17	286.3603	56.3185	-72.177
58	58	811	SLV_Ex		200.33	414.8822	70.7266	-60.3101
58	58	789	SLV_Ex		208.3	430.7432	68.2475	-71.1259
59	59	789	SLU_ENV	Max	0.	872.5923	179.924	38.573
59	59	811	SLU_ENV	Max	0.	831.4692	164.8483	30.1484
59	59	812	SLU_ENV	Max	0.	687.2198	145.0851	58.92
59	59	791	SLU_ENV	Max	0.	728.1418	160.4467	67.3447
59	59	789	SLU_ENV	Min	0.	293.7051	47.5223	5.4236
59	59	811	SLU_ENV	Min	0.	289.4245	51.698	2.181
59	59	812	SLU_ENV	Min	0.	259.0852	49.1736	6.0461
59	59	791	SLU_ENV	Min	0.	263.345	45.007	9.2887
59	59	789	SLV_Ex		192.61	415.2474	68.6331	-69.9184
59	59	811	SLV_Ex		188.46	417.3751	67.7404	-61.4633
59	59	812	SLV_Ex		187.97	523.613	80.1214	-62.8307
59	59	791	SLV_Ex		192.15	522.3611	80.3867	-71.2859
60	60	791	SLU_ENV	Max	0.	722.3875	161.2537	66.9943
60	60	812	SLU_ENV	Max	0.	698.8072	145.4447	59.4715
60	60	813	SLU_ENV	Max	0.	510.7168	115.3617	74.2178
60	60	793	SLU_ENV	Max	0.	532.6159	132.3313	81.7406
60	60	791	SLU_ENV	Min	0.	259.4485	43.7447	9.4493
60	60	812	SLU_ENV	Min	0.	260.738	49.9872	5.9644
60	60	813	SLU_ENV	Min	0.	210.323	43.4971	5.7152
60	60	793	SLU_ENV	Min	0.	208.5342	37.6142	9.2001
60	60	791	SLV_Ex		176.79	531.0934	83.0083	-70.0407
60	60	812	SLV_Ex		176.52	503.4539	75.2143	-64.1598
60	60	813	SLV_Ex		176.14	587.7484	86.2754	-43.7904
60	60	793	SLV_Ex		176.44	616.8005	93.0466	-49.6713
61	61	793	SLU_ENV	Max	0.	540.0039	125.9712	82.0486
61	61	813	SLU_ENV	Max	0.	518.4569	124.7474	74.0208
61	61	814	SLU_ENV	Max	0.	294.4382	88.7573	89.5664
61	61	795	SLU_ENV	Max	0.	315.1988	90.4538	97.8508
61	61	793	SLU_ENV	Min	0.	210.0103	36.201	10.2061
61	61	813	SLU_ENV	Min	0.	206.2336	44.3876	4.3959

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM KN/m	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
61	61	814	SLU_ENV	Min	0.	135.6615	36.3152	8.7005
61	61	795	SLU_ENV	Min	0.	139.3187	28.196	14.2541
61	61	793	SLV_Ex		162.18	595.1008	93.1731	-47.8007
61	61	813	SLV_Ex		164.92	595.1844	83.2961	-45.4574
61	61	814	SLV_Ex		165.09	658.9316	93.5045	-46.9627
61	61	795	SLV_Ex		162.34	658.9719	103.3238	-49.306
62	62	795	SLU_ENV	Max	0.	296.9536	79.6236	100.9238
62	62	814	SLU_ENV	Max	0.	324.7442	101.9997	86.8114
62	62	815	SLU_ENV	Max	0.	79.3584	64.5269	72.5815
62	62	797	SLU_ENV	Max	0.	56.6865	44.0762	82.5911
62	62	795	SLU_ENV	Min	0.	127.2843	24.387	15.6157
62	62	814	SLU_ENV	Min	0.	140.3144	38.6479	7.4678
62	62	815	SLU_ENV	Min	0.	37.2083	29.1995	-5.274
62	62	797	SLU_ENV	Min	0.	15.3699	15.5765	6.9767
62	62	795	SLV_Ex		148.64	685.3795	108.8004	-51.7736
62	62	814	SLV_Ex		156.14	628.1816	87.1594	-44.8256
62	62	815	SLV_Ex		156.55	670.1289	88.9649	-3.8203
62	62	797	SLV_Ex		149.07	729.5251	109.0175	-10.7683
63	63	797	SLU_ENV	Max	0.	65.053	34.5893	80.7024
63	63	815	SLU_ENV	Max	0.	64.8042	78.6924	74.2343
63	63	816	SLU_ENV	Max	0.	-67.8421	29.2258	75.1798
63	63	799	SLU_ENV	Max	0.	-66.9725	-3.8092	82.0923
63	63	797	SLU_ENV	Min	0.	36.8818	11.9749	4.6434
63	63	815	SLU_ENV	Min	0.	40.85	31.9157	-3.1439
63	63	816	SLU_ENV	Min	0.	-229.8954	16.1583	2.438
63	63	799	SLU_ENV	Min	0.	-235.3055	-14.4932	9.7808
63	63	797	SLV_Ex		137.87	685.2475	107.8327	-1.6453
63	63	815	SLV_Ex		148.93	690.6771	85.4037	-12.497
63	63	816	SLV_Ex		150.78	713.9328	101.551	-20.2914
63	63	799	SLV_Ex		139.94	707.8426	124.5176	-9.4398
64	64	799	SLU_ENV	Max	0.	-109.8367	-15.6133	118.6649
64	64	816	SLU_ENV	Max	0.	-51.5624	53.8506	48.1141
64	64	817	SLU_ENV	Max	0.	-173.4846	75.8376	-43.7175
64	64	801	SLU_ENV	Max	0.	-233.7361	2.9173	17.4744
64	64	799	SLU_ENV	Min	0.	-324.6035	-42.6752	25.5169
64	64	816	SLU_ENV	Min	0.	-158.3833	22.6454	-21.7204
64	64	817	SLU_ENV	Min	0.	-479.5936	37.3634	-82.8237
64	64	801	SLU_ENV	Min	0.	-651.4291	-19.2903	-26.2275
64	64	799	SLV_Ex		134.24	815.6093	140.7879	-59.8966
64	64	816	SLV_Ex		153.87	640.4197	92.1314	29.1301
64	64	817	SLV_Ex		160.75	637.3885	-2.8738	157.0182
64	64	801	SLV_Ex		141.33	818.4451	41.4818	67.9916
65	65	801	SLU_ENV	Max	0.	-207.6184	1.7374	-62.8587
65	65	817	SLU_ENV	Max	0.	-121.484	132.5102	55.1361
65	65	1	SLU_ENV	Max	0.	-244.2005	-37.0995	-58.3162
65	65	14	SLU_ENV	Max	0.	-330.6695	-92.7007	-119.8108
65	65	801	SLU_ENV	Min	0.	-547.3093	-21.4798	-122.5896
65	65	817	SLU_ENV	Min	0.	-309.1499	54.5966	-5.8643
65	65	1	SLU_ENV	Min	0.	-636.694	-122.3838	-107.5289
65	65	14	SLU_ENV	Min	0.	-876.3348	-272.7606	-280.7544
65	65	801	SLV_Ex		180.83	670.2988	19.1984	230.0507
65	65	817	SLV_Ex		138.59	434.3534	-50.8266	-4.2714
65	65	1	SLV_Ex		118.83	418.9606	202.2513	164.3705
65	65	14	SLV_Ex		158.71	656.1131	271.55	398.6926

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
66	66	343	SLU_ENV	Max	0.	-247.1158	-37.752	42.1191
66	66	361	SLU_ENV	Max	0.	-259.2001	-21.341	36.8377
66	66	818	SLU_ENV	Max	0.	-143.5218	6.8415	56.2452
66	66	803	SLU_ENV	Max	0.	-130.9082	-11.6629	61.5266
66	66	343	SLU_ENV	Min	0.	-638.0436	-138.3132	5.3811
66	66	361	SLU_ENV	Min	0.	-645.5162	-71.0143	-10.2471
66	66	818	SLU_ENV	Min	0.	-356.9409	5.184	-1.3837
66	66	803	SLU_ENV	Min	0.	-348.1576	-61.409	14.2445
66	66	343	SLV_Ex		261.64	-1138.7215	-244.0228	101.9287
66	66	361	SLV_Ex		266.02	-1194.691	-165.175	71.3167
66	66	818	SLV_Ex		235.07	-971.3572	-86.6041	126.1501
66	66	803	SLV_Ex		230.59	-914.2082	-166.4023	156.762
67	67	803	SLU_ENV	Max	0.	-175.1937	-17.6335	70.2608
67	67	818	SLU_ENV	Max	0.	-144.2731	2.1473	47.6375
67	67	819	SLU_ENV	Max	0.	-29.7421	92.5009	16.194
67	67	804	SLU_ENV	Max	0.	-60.4888	33.0288	38.8174
67	67	803	SLU_ENV	Min	0.	-481.4871	-73.6853	24.2326
67	67	818	SLU_ENV	Min	0.	-390.3756	-14.235	-11.2517
67	67	819	SLU_ENV	Min	0.	-98.7467	40.1273	-59.9432
67	67	804	SLU_ENV	Min	0.	-189.2554	20.0324	-24.4589
67	67	803	SLV_Ex		219.28	-1155.2358	-197.9401	183.3046
67	67	818	SLV_Ex		219.93	-1015.77	-112.1545	99.9411
67	67	819	SLV_Ex		209.74	-759.1252	29.7378	7.0826
67	67	804	SLV_Ex		211.92	-898.992	-55.5451	90.4461
68	68	804	SLU_ENV	Max	0.	-64.2211	38.3215	14.4099
68	68	819	SLU_ENV	Max	0.	-41.4565	70.2654	40.3873
68	68	820	SLU_ENV	Max	0.	110.6951	85.9448	17.2558
68	68	805	SLU_ENV	Max	0.	58.9064	52.0084	-8.0804
68	68	804	SLU_ENV	Min	0.	-217.4778	21.7423	-55.5267
68	68	819	SLU_ENV	Min	0.	-154.1028	35.5551	-29.1556
68	68	820	SLU_ENV	Min	0.	59.017	37.4341	-62.6619
68	68	805	SLU_ENV	Min	0.	28.5808	22.8611	-89.6743
68	68	804	SLV_Ex		229.22	-947.4433	-55.4771	16.8321
68	68	819	SLV_Ex		207.36	-836.268	4.551	80.0431
68	68	820	SLV_Ex		209.88	-593.7425	-14.3009	6.5208
68	68	805	SLV_Ex		232.13	-701.1954	-77.0036	-56.6902
69	69	805	SLU_ENV	Max	0.	82.5223	63.9812	1.4
69	69	820	SLU_ENV	Max	0.	85.971	72.8185	7.3838
69	69	821	SLU_ENV	Max	0.	315.7754	114.3666	6.9443
69	69	806	SLU_ENV	Max	0.	315.6149	105.2645	0.9605
69	69	805	SLU_ENV	Min	0.	47.5448	26.7108	-77.6264
69	69	820	SLU_ENV	Min	0.	46.6499	35.8356	-73.7845
69	69	821	SLU_ENV	Min	0.	140.1896	48.3208	-72.3102
69	69	806	SLU_ENV	Min	0.	138.4043	39.1533	-76.1522
69	69	805	SLV_Ex		239.11	-647.9248	-64.4242	-28.0473
69	69	820	SLV_Ex		212.69	-634.126	-24.3029	-21.4722
69	69	821	SLV_Ex		213.1	-401.8442	14.7185	-25.979
69	69	806	SLV_Ex		239.58	-415.9051	-25.1187	-32.554
70	70	806	SLU_ENV	Max	0.	307.3224	112.4612	-1.0528
70	70	821	SLU_ENV	Max	0.	309.2521	104.2068	8.8343
70	70	822	SLU_ENV	Max	0.	513.9926	132.0934	2.0467
70	70	807	SLU_ENV	Max	0.	513.8275	139.1412	-6.688
70	70	806	SLU_ENV	Min	0.	137.9586	40.7606	-78.9664
70	70	821	SLU_ENV	Min	0.	144.8086	47.5482	-69.6514

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
70	70	822	SLU_ENV	Min	0.	211.9306	54.0321	-68.7147
70	70	807	SLU_ENV	Min	0.	205.6839	46.8081	-79.1821
70	70	806	SLV_Ex		237.62	-436.7269	-21.4967	-41.3386
70	70	821	SLV_Ex		214.85	-391.1318	9.0746	-17.5658
70	70	822	SLV_Ex		215.43	-180.2511	26.2127	-46.5484
70	70	807	SLV_Ex		238.17	-223.694	-5.8978	-70.3211
71	71	807	SLU_ENV	Max	0.	524.7858	147.159	-5.0205
71	71	822	SLU_ENV	Max	0.	493.1132	122.0914	-0.3382
71	71	823	SLU_ENV	Max	0.	666.5563	154.7808	2.1934
71	71	808	SLU_ENV	Max	0.	698.5717	179.6902	-2.7749
71	71	807	SLU_ENV	Min	0.	212.352	48.6034	-73.7044
71	71	822	SLU_ENV	Min	0.	210.4959	53.2834	-73.1628
71	71	823	SLU_ENV	Min	0.	259.1454	59.3452	-53.2282
71	71	808	SLU_ENV	Min	0.	261.027	54.6548	-53.4837
71	71	807	SLV_Ex		232.27	-200.5098	0.8127	-64.6058
71	71	822	SLV_Ex		212.73	-201.9905	19.7911	-51.9637
71	71	823	SLV_Ex		212.36	-11.0821	44.23	-47.8359
71	71	808	SLV_Ex		231.9	-9.2777	25.0618	-60.478
72	72	808	SLU_ENV	Max	0.	693.4228	184.4615	-1.895
72	72	823	SLU_ENV	Max	0.	656.6776	147.0041	1.2458
72	72	824	SLU_ENV	Max	0.	805.4766	177.3423	0.709
72	72	809	SLU_ENV	Max	0.	843.16	214.1682	-2.0818
72	72	808	SLU_ENV	Min	0.	260.8676	55.3187	-52.7755
72	72	823	SLU_ENV	Min	0.	261.5259	59.1255	-54.0225
72	72	824	SLU_ENV	Min	0.	290.7239	62.8042	-30.7006
72	72	809	SLU_ENV	Min	0.	290.3779	58.7686	-29.8037
72	72	808	SLV_Ex		222.73	-23.372	27.1953	-61.4161
72	72	823	SLV_Ex		207.71	-3.7845	40.7372	-47.0603
72	72	824	SLV_Ex		207.58	164.1736	59.2352	-59.248
72	72	809	SLV_Ex		222.62	145.9755	44.6969	-73.6038
73	73	809	SLU_ENV	Max	0.	846.3054	217.4454	-1.4031
73	73	824	SLU_ENV	Max	0.	795.8069	172.7601	-0.1837
73	73	825	SLU_ENV	Max	0.	803.5721	171.7439	2.7102
73	73	810	SLU_ENV	Max	0.	853.8823	216.5943	0.6261
73	73	809	SLU_ENV	Min	0.	292.1888	59.2425	-30.9593
73	73	824	SLU_ENV	Min	0.	290.3027	62.6083	-29.1038
73	73	825	SLU_ENV	Min	0.	300.1484	63.629	1.3007
73	73	810	SLU_ENV	Min	0.	301.921	60.3492	0.3098
73	73	809	SLV_Ex		212.05	156.3343	48.3149	-72.426
73	73	824	SLV_Ex		200.63	147.795	54.4131	-60.3111
73	73	825	SLV_Ex		200.22	293.5391	70.5981	-52.6202
73	73	810	SLV_Ex		211.66	302.7757	64.0137	-64.7351
74	74	810	SLU_ENV	Max	0.	853.8183	216.5272	2.9189
74	74	825	SLU_ENV	Max	0.	803.6168	171.8071	0.4057
74	74	826	SLU_ENV	Max	0.	795.9137	173.3699	31.501
74	74	811	SLU_ENV	Max	0.	846.283	217.9387	34.2578
74	74	810	SLU_ENV	Min	0.	301.8859	60.3112	1.4239
74	74	825	SLU_ENV	Min	0.	300.1747	63.6653	0.0858
74	74	826	SLU_ENV	Min	0.	290.359	62.9496	2.1774
74	74	811	SLU_ENV	Min	0.	292.1726	59.5171	3.2719
74	74	810	SLV_Ex		200.11	290.2669	65.1826	-63.8687
74	74	825	SLV_Ex		192.19	297.4692	67.7134	-53.5051
74	74	826	SLV_Ex		191.98	420.6229	81.365	-58.2185
74	74	811	SLV_Ex		199.91	414.252	78.2448	-68.582

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
75	75	811	SLU_ENV	Max	0.	843.1794	214.5337	33.1111
75	75	826	SLU_ENV	Max	0.	805.486	178.0687	32.8627
75	75	827	SLU_ENV	Max	0.	656.77	148.305	56.2276
75	75	812	SLU_ENV	Max	0.	693.5116	185.4098	55.7401
75	75	811	SLU_ENV	Min	0.	290.3872	58.9707	3.9555
75	75	826	SLU_ENV	Min	0.	290.7267	63.2125	1.5044
75	75	827	SLU_ENV	Min	0.	261.5707	59.8548	1.014
75	75	812	SLU_ENV	Min	0.	260.9115	55.8461	4.201
75	75	811	SLV_Ex		188.02	421.9804	81.0015	-68.5603
75	75	826	SLV_Ex		183.31	404.659	76.9612	-58.2562
75	75	827	SLV_Ex		183.1	505.2962	86.2343	-45.3407
75	75	812	SLV_Ex		187.84	523.5567	89.6051	-55.6447
76	76	812	SLU_ENV	Max	0.	698.416	180.4571	56.7788
76	76	827	SLU_ENV	Max	0.	666.7041	156.2253	55.3925
76	76	828	SLU_ENV	Max	0.	493.4106	124.2389	75.2233
76	76	813	SLU_ENV	Max	0.	524.7655	148.6371	76.9877
76	76	812	SLU_ENV	Min	0.	260.9339	55.0789	4.833
76	76	827	SLU_ENV	Min	0.	259.2226	60.1569	0.0251
76	76	828	SLU_ENV	Min	0.	210.6529	54.4881	2.4535
76	76	813	SLU_ENV	Min	0.	212.331	49.4249	6.8832
76	76	812	SLV_Ex		176.39	508.8432	90.3572	-53.4211
76	76	827	SLV_Ex		174.01	509.2045	83.3212	-47.4554
76	76	828	SLV_Ex		174.01	588.1565	92.6716	-48.6872
76	76	813	SLV_Ex		176.39	588.0438	99.5558	-54.6529
77	77	813	SLU_ENV	Max	0.	513.6951	140.4003	82.4726
77	77	828	SLU_ENV	Max	0.	514.0467	134.3888	70.7669
77	77	829	SLU_ENV	Max	0.	309.5786	107.2612	71.7176
77	77	814	SLU_ENV	Max	0.	307.4728	114.4684	81.5289
77	77	813	SLU_ENV	Min	0.	205.5997	47.5043	8.5549
77	77	828	SLU_ENV	Min	0.	211.9491	55.3217	0.06
77	77	829	SLU_ENV	Min	0.	144.9772	49.263	-6.7066
77	77	814	SLU_ENV	Min	0.	138.0308	41.8756	3.6827
77	77	813	SLV_Ex		165.18	601.0632	103.043	-57.9586
77	77	828	SLV_Ex		165.77	567.4127	87.6396	-45.5561
77	77	829	SLV_Ex		165.91	623.3869	85.8903	-21.8198
77	77	814	SLV_Ex		165.33	658.3689	100.3382	-34.2224
78	78	814	SLU_ENV	Max	0.	315.0368	106.9151	78.8475
78	78	829	SLU_ENV	Max	0.	315.9557	117.6027	74.244
78	78	830	SLU_ENV	Max	0.	86.5506	77.2493	75.4618
78	78	815	SLU_ENV	Max	0.	82.5156	66.8141	80.0652
78	78	814	SLU_ENV	Min	0.	138.0617	40.0642	1.8045
78	78	829	SLU_ENV	Min	0.	140.2726	50.1397	-4.9515
78	78	830	SLU_ENV	Min	0.	47.237	38.3252	-5.646
78	78	815	SLU_ENV	Min	0.	47.5519	28.2849	1.11
78	78	814	SLV_Ex		156.38	635.0909	100.4103	-26.3927
78	78	829	SLV_Ex		157.47	626.1829	81.7218	-29.3844
78	78	830	SLV_Ex		157.7	661.7093	91.8827	-25.6238
78	78	815	SLV_Ex		156.61	670.2544	110.8876	-22.6321
79	79	815	SLU_ENV	Max	0.	58.339	54.3978	92.674
79	79	830	SLU_ENV	Max	0.	110.7985	90.5475	64.4512
79	79	831	SLU_ENV	Max	0.	-40.7786	75.8792	30.7561
79	79	816	SLU_ENV	Max	0.	-63.9424	41.6671	57.6587
79	79	815	SLU_ENV	Min	0.	28.043	24.1805	9.7925
79	79	830	SLU_ENV	Min	0.	59.0407	40.0208	-15.4056

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
79	79	831	SLU_ENV	Min	0.	-152.8479	38.7149	-38.7096
79	79	816	SLU_ENV	Min	0.	-216.9516	23.6032	-12.1912
79	79	815	SLV_Ex		148.99	696.9189	116.1511	-42.0654
79	79	830	SLV_Ex		152.26	623.493	84.3089	-6.638
79	79	831	SLV_Ex		153.08	633.4597	48.7611	45.2113
79	79	816	SLV_Ex		149.77	709.3004	78.8506	9.7839
80	80	816	SLU_ENV	Max	0.	-61.2265	35.5973	26.9054
80	80	831	SLU_ENV	Max	0.	-29.8927	98.0308	61.2282
80	80	832	SLU_ENV	Max	0.	-142.9773	7.4095	12.2738
80	80	817	SLU_ENV	Max	0.	-174.4356	-14.8686	-22.049
80	80	816	SLU_ENV	Min	0.	-190.4687	21.802	-36.2628
80	80	831	SLU_ENV	Min	0.	-98.9217	43.2365	-14.8532
80	80	832	SLU_ENV	Min	0.	-388.0158	-7.406	-46.5553
80	80	817	SLU_ENV	Min	0.	-480.0793	-68.7647	-67.9649
80	80	816	SLV_Ex		152.74	655.9788	74.3378	62.5796
80	80	831	SLV_Ex		140.84	567.5558	29.4287	-7.1198
80	80	832	SLV_Ex		134.67	560.7211	103.8297	52.8579
80	80	817	SLV_Ex		145.92	648.6883	149.2143	122.5573
81	81	817	SLU_ENV	Max	0.	-132.1931	-9.1534	-12.2696
81	81	832	SLU_ENV	Max	0.	-143.6668	13.7948	2.6068
81	81	29	SLU_ENV	Max	0.	-256.6837	-16.2249	10.6527
81	81	1	SLU_ENV	Max	0.	-245.6457	-34.1212	-4.2237
81	81	817	SLU_ENV	Min	0.	-350.2829	-56.9271	-59.4487
81	81	832	SLU_ENV	Min	0.	-357.0818	9.1126	-54.9527
81	81	29	SLU_ENV	Min	0.	-641.	-61.9938	-36.3946
81	81	1	SLU_ENV	Min	0.	-635.3478	-131.8801	-40.8906
81	81	817	SLV_Ex		124.3	462.1142	125.7644	100.6055
81	81	832	SLV_Ex		124.6	507.8078	79.3821	74.5462
81	81	29	SLV_Ex		124.96	459.6776	98.6443	33.3355
81	81	1	SLV_Ex		123.83	414.9367	144.3449	59.3949
82	82	361	SLU_ENV	Max	0.	-264.2592	-32.9936	49.9447
82	82	379	SLU_ENV	Max	0.	-257.6431	-31.15	35.4277
82	82	833	SLU_ENV	Max	0.	-135.1218	4.0704	28.6509
82	82	818	SLU_ENV	Max	0.	-141.6152	1.5125	43.1679
82	82	361	SLU_ENV	Min	0.	-653.7897	-122.551	5.6712
82	82	379	SLU_ENV	Min	0.	-612.8417	-83.1768	-16.2701
82	82	833	SLU_ENV	Min	0.	-326.3539	3.0554	-39.2708
82	82	818	SLU_ENV	Min	0.	-367.3888	-35.6671	-17.3296
82	82	361	SLV_Ex		255.43	-1211.337	-228.1279	109.68
82	82	379	SLV_Ex		258.28	-1174.6438	-186.9072	58.5316
82	82	833	SLV_Ex		241.29	-936.8497	-84.2302	36.3918
82	82	818	SLV_Ex		238.45	-974.887	-124.5304	87.5401
83	83	818	SLU_ENV	Max	0.	-145.3636	-1.7865	33.7275
83	83	833	SLU_ENV	Max	0.	-140.6645	4.705	37.9828
83	83	834	SLU_ENV	Max	0.	-30.028	46.4359	34.5969
83	83	819	SLU_ENV	Max	0.	-34.1285	26.5579	30.3416
83	83	818	SLU_ENV	Min	0.	-388.8896	-37.6284	-28.8676
83	83	833	SLU_ENV	Min	0.	-362.9156	-5.7896	-27.8935
83	83	834	SLU_ENV	Min	0.	-96.1336	22.9846	-41.1215
83	83	819	SLU_ENV	Min	0.	-120.804	3.1562	-42.0956
83	83	818	SLV_Ex		223.29	-1020.2	-137.6342	59.9877
83	83	833	SLV_Ex		228.46	-993.8164	-91.5824	63.5807
83	83	834	SLV_Ex		217.78	-759.5067	-48.193	51.0521
83	83	819	SLV_Ex		212.46	-784.759	-95.1016	47.4591



Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
84	84	819	SLU_ENV	Max	0.	-42.712	24.2066	35.257
84	84	834	SLU_ENV	Max	0.	-30.2403	34.9892	29.8134
84	84	835	SLU_ENV	Max	0.	131.1629	98.1592	16.8272
84	84	820	SLU_ENV	Max	0.	96.04	77.0359	22.2709
84	84	819	SLU_ENV	Min	0.	-152.4914	5.1704	-36.5639
84	84	834	SLU_ENV	Min	0.	-117.0897	22.4806	-46.5211
84	84	835	SLU_ENV	Min	0.	68.7982	45.5566	-65.3871
84	84	820	SLU_ENV	Min	0.	56.4429	38.4206	-55.4298
84	84	819	SLV_Ex		208.69	-844.5453	-102.4685	61.9196
84	84	834	SLV_Ex		206.63	-786.1804	-58.1181	36.9062
84	84	835	SLV_Ex		203.38	-550.5907	15.8528	-0.8821
84	84	820	SLV_Ex		206.32	-609.5961	-27.9357	24.1313
85	85	820	SLU_ENV	Max	0.	87.6215	82.4659	12.9097
85	85	835	SLU_ENV	Max	0.	108.924	86.4873	26.0595
85	85	836	SLU_ENV	Max	0.	327.0177	110.8858	14.8083
85	85	821	SLU_ENV	Max	0.	306.8057	105.7379	1.6585
85	85	820	SLU_ENV	Min	0.	55.4326	38.9889	-67.4199
85	85	835	SLU_ENV	Min	0.	66.6927	44.4755	-53.5693
85	85	836	SLU_ENV	Min	0.	149.0972	51.624	-64.5597
85	85	821	SLU_ENV	Min	0.	139.0293	45.665	-78.4103
85	85	820	SLV_Ex		208.98	-631.6977	-27.5913	-4.9438
85	85	835	SLV_Ex		199.64	-574.9633	6.2136	27.798
85	85	836	SLV_Ex		200.2	-357.0831	14.8434	-9.25
85	85	821	SLV_Ex		209.71	-411.9372	-20.3164	-41.9918
86	86	821	SLU_ENV	Max	0.	319.6566	114.0359	6.3815
86	86	836	SLU_ENV	Max	0.	308.7635	101.5072	10.2383
86	86	837	SLU_ENV	Max	0.	497.4085	134.6501	8.2955
86	86	822	SLU_ENV	Max	0.	508.5544	147.0961	4.4387
86	86	821	SLU_ENV	Min	0.	145.7457	47.1317	-72.9589
86	86	836	SLU_ENV	Min	0.	147.8066	51.2424	-69.8488
86	86	837	SLU_ENV	Min	0.	213.5669	61.3609	-62.3687
86	86	822	SLU_ENV	Min	0.	211.5488	57.225	-65.4788
86	86	821	SLV_Ex		211.26	-390.4572	-14.7103	-29.5656
86	86	836	SLV_Ex		197.92	-378.9464	9.1607	-21.3344
86	86	837	SLV_Ex		198.45	-175.831	40.6023	-26.5341
86	86	822	SLV_Ex		211.89	-187.5391	16.9305	-34.7653
87	87	822	SLU_ENV	Max	0.	507.1799	154.9045	3.1762
87	87	837	SLU_ENV	Max	0.	492.2403	125.5331	9.4739
87	87	838	SLU_ENV	Max	0.	647.1201	146.3605	5.1255
87	87	823	SLU_ENV	Max	0.	663.1105	175.0726	-1.1722
87	87	822	SLU_ENV	Min	0.	211.8007	57.8735	-67.7626
87	87	837	SLU_ENV	Min	0.	215.8026	61.2099	-60.1893
87	87	838	SLU_ENV	Min	0.	263.0178	66.2032	-50.8752
87	87	823	SLU_ENV	Min	0.	259.4054	62.5797	-58.4486
87	87	822	SLV_Ex		209.22	-199.3085	19.051	-40.7065
87	87	837	SLV_Ex		196.77	-171.1046	37.0733	-20.8168
87	87	838	SLV_Ex		197.39	10.8598	52.2655	-38.9119
87	87	823	SLV_Ex		209.83	-16.0888	33.3468	-58.8016
88	88	823	SLU_ENV	Max	0.	679.2096	191.8046	0.9437
88	88	838	SLU_ENV	Max	0.	630.9752	129.6193	3.123
88	88	839	SLU_ENV	Max	0.	750.3419	149.1747	3.1331
88	88	824	SLU_ENV	Max	0.	798.7458	211.5477	0.9538
88	88	823	SLU_ENV	Min	0.	262.6585	63.3148	-56.1952
88	88	838	SLU_ENV	Min	0.	262.5373	66.0226	-53.025

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
88	88	839	SLU_ENV	Min	0.	291.2865	70.0905	-25.3741
88	88	824	SLU_ENV	Min	0.	291.3535	67.4258	-28.5444
88	88	823	SLV_Ex		205.15	-1.4119	37.6197	-54.838
88	88	838	SLV_Ex		193.7	-3.5812	48.0398	-42.702
88	88	839	SLV_Ex		193.95	158.2888	67.1847	-39.3982
88	88	824	SLV_Ex		205.38	160.6607	56.6511	-51.5341
89	89	824	SLU_ENV	Max	0.	798.7263	216.0289	1.3992
89	89	839	SLU_ENV	Max	0.	748.8092	144.3831	2.6285
89	89	840	SLU_ENV	Max	0.	768.4263	147.1322	1.8925
89	89	825	SLU_ENV	Max	0.	818.633	218.3769	0.6131
89	89	824	SLU_ENV	Min	0.	291.3569	67.6149	-27.4401
89	89	839	SLU_ENV	Min	0.	292.167	70.0781	-26.5776
89	89	840	SLU_ENV	Min	0.	301.7047	71.1858	1.1181
89	89	825	SLU_ENV	Min	0.	301.0857	68.5801	0.3057
89	89	824	SLV_Ex		198.41	150.9142	58.3026	-52.2234
89	89	839	SLV_Ex		189.32	163.6544	64.6571	-38.7915
89	89	840	SLV_Ex		189.58	303.3428	78.219	-47.1595
89	89	825	SLV_Ex		198.66	291.3466	71.3421	-60.5914
90	90	825	SLU_ENV	Max	0.	818.5481	218.3102	2.204
90	90	840	SLU_ENV	Max	0.	768.3004	147.1568	0.4131
90	90	841	SLU_ENV	Max	0.	748.9776	145.0202	28.3945
90	90	826	SLU_ENV	Max	0.	798.9254	216.5812	29.6535
90	90	825	SLU_ENV	Min	0.	301.0378	68.5421	1.2933
90	90	840	SLU_ENV	Min	0.	301.6333	71.1999	0.1935
90	90	841	SLU_ENV	Min	0.	292.2584	70.436	-0.7645
90	90	826	SLU_ENV	Min	0.	291.4662	67.9241	0.8671
90	90	825	SLV_Ex		190.61	300.989	74.4887	-59.8337
90	90	840	SLV_Ex		183.57	290.723	74.4769	-47.8729
90	90	841	SLV_Ex		183.69	408.4049	85.1257	-39.8936
90	90	826	SLV_Ex		190.72	419.1479	84.8133	-51.8543
91	91	826	SLU_ENV	Max	0.	798.5756	211.9433	30.7763
91	91	841	SLU_ENV	Max	0.	750.3896	149.8706	27.1726
91	91	842	SLU_ENV	Max	0.	631.3645	130.9893	54.7271
91	91	827	SLU_ENV	Max	0.	679.3705	192.8808	58.3308
91	91	826	SLU_ENV	Min	0.	291.2536	67.6457	1.3315
91	91	841	SLU_ENV	Min	0.	291.3091	70.4821	-1.288
91	91	842	SLU_ENV	Min	0.	262.7498	66.7928	-1.3749
91	91	827	SLU_ENV	Min	0.	262.7429	63.9168	1.2446
91	91	826	SLV_Ex		182.02	408.8819	86.0287	-50.3115
91	91	841	SLV_Ex		176.84	412.3216	82.6405	-41.4019
91	91	842	SLV_Ex		176.94	507.8854	92.1005	-44.409
91	91	827	SLV_Ex		182.11	504.7054	95.3273	-53.3186
92	92	827	SLU_ENV	Max	0.	663.0054	175.9867	60.6343
92	92	842	SLU_ENV	Max	0.	647.1766	147.7729	52.5798
92	92	843	SLU_ENV	Max	0.	492.7345	127.636	61.8572
92	92	828	SLU_ENV	Max	0.	507.5148	156.5057	69.8578
92	92	827	SLU_ENV	Min	0.	259.3382	63.0891	3.3027
92	92	842	SLU_ENV	Min	0.	263.0401	66.9977	-3.3751
92	92	843	SLU_ENV	Min	0.	216.0698	62.3931	-7.7568
92	92	828	SLU_ENV	Min	0.	211.98	58.7695	-1.0249
92	92	827	SLV_Ex		173.	514.1393	98.2945	-55.2637
92	92	842	SLV_Ex		169.79	493.348	88.1126	-42.5387
92	92	843	SLV_Ex		169.94	565.917	89.0358	-28.0202
92	92	828	SLV_Ex		173.15	587.4252	98.7157	-40.7453

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
93	93	828	SLU_ENV	Max	0.	508.2553	148.4776	67.6416
93	93	843	SLU_ENV	Max	0.	497.6153	136.7884	63.9693
93	93	844	SLU_ENV	Max	0.	309.6132	104.5678	71.2413
93	93	829	SLU_ENV	Max	0.	320.0027	116.3362	74.9136
93	93	828	SLU_ENV	Min	0.	211.3657	57.9952	-2.2177
93	93	843	SLU_ENV	Min	0.	213.6681	62.5642	-6.6479
93	93	844	SLU_ENV	Min	0.	148.2703	52.9663	-8.7993
93	93	829	SLU_ENV	Min	0.	145.9267	48.4203	-4.3691
93	93	828	SLV_Ex		164.88	573.3473	99.4196	-35.3262
93	93	843	SLV_Ex		162.1	566.3903	85.6109	-33.2863
93	93	844	SLV_Ex		161.99	617.4328	93.4282	-30.2226
93	93	829	SLV_Ex		164.74	624.1251	107.4743	-32.2626
94	94	829	SLU_ENV	Max	0.	306.5046	107.7966	80.3104
94	94	844	SLU_ENV	Max	0.	327.2469	113.9346	66.0035
94	94	845	SLU_ENV	Max	0.	110.118	90.3871	54.8267
94	94	830	SLU_ENV	Max	0.	88.1533	85.3501	69.1336
94	94	829	SLU_ENV	Min	0.	138.838	46.8147	0.2991
94	94	844	SLU_ENV	Min	0.	149.2014	53.3404	-13.3179
94	94	845	SLU_ENV	Min	0.	67.3443	46.6754	-24.751
94	94	830	SLU_ENV	Min	0.	55.9704	40.6074	-11.134
94	94	829	SLV_Ex		156.28	633.4416	110.3497	-40.5078
94	94	844	SLV_Ex		154.86	594.8912	87.9077	-22.1914
94	94	845	SLV_Ex		154.99	621.2818	73.6632	4.0657
94	94	830	SLV_Ex		156.4	660.8731	95.3674	-14.2508
95	95	830	SLU_ENV	Max	0.	95.5427	79.6306	57.2799
95	95	845	SLU_ENV	Max	0.	131.4535	101.9293	66.508
95	95	846	SLU_ENV	Max	0.	-29.213	40.1223	47.3285
95	95	831	SLU_ENV	Max	0.	-42.1093	27.3073	38.1004
95	95	830	SLU_ENV	Min	0.	56.1259	39.8719	-20.3505
95	95	845	SLU_ENV	Min	0.	68.9269	47.6809	-15.6634
95	95	846	SLU_ENV	Min	0.	-115.2216	25.3851	-28.9656
95	95	831	SLU_ENV	Min	0.	-151.3742	8.2144	-33.6527
95	95	830	SLV_Ex		150.9	634.1261	94.0364	7.1286
95	95	845	SLV_Ex		145.43	596.3787	64.6642	-17.0306
95	95	846	SLV_Ex		143.16	602.3943	91.8321	6.7869
95	95	831	SLV_Ex		148.48	639.3877	121.8391	30.9461
96	96	831	SLU_ENV	Max	0.	-34.5406	29.4438	43.4988
96	96	846	SLU_ENV	Max	0.	-29.8041	51.2055	42.0577
96	96	847	SLU_ENV	Max	0.	-139.0585	9.4226	28.3305
96	96	832	SLU_ENV	Max	0.	-144.3487	0.9196	29.7716
96	96	831	SLU_ENV	Min	0.	-121.4417	5.9956	-28.8744
96	96	846	SLU_ENV	Min	0.	-95.6552	25.6795	-33.6166
96	96	847	SLU_ENV	Min	0.	-360.0159	-1.1854	-37.5138
96	96	832	SLU_ENV	Min	0.	-387.0272	-32.8418	-32.7715
96	96	831	SLV_Ex		136.28	585.8832	115.8198	19.5824
96	96	846	SLV_Ex		133.73	570.2959	80.7308	17.9354
96	96	847	SLV_Ex		133.26	545.3553	77.7569	24.6387
96	96	832	SLV_Ex		135.73	561.4109	112.5249	26.2856
97	97	832	SLU_ENV	Max	0.	-141.7611	5.218	18.2882
97	97	847	SLU_ENV	Max	0.	-134.8936	9.2355	39.6515
97	97	56	SLU_ENV	Max	0.	-255.3834	-27.3215	16.3564
97	97	29	SLU_ENV	Max	0.	-262.318	-29.477	-5.007
97	97	832	SLU_ENV	Min	0.	-367.5354	-32.0343	-42.1518
97	97	847	SLU_ENV	Min	0.	-325.8493	5.9779	-28.2437

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
97	97	56	SLU_ENV	Min	0.	-608.7844	-76.4405	-35.3234
97	97	29	SLU_ENV	Min	0.	-650.2857	-116.3566	-49.2314
97	97	832	SLV_Ex		125.94	515.8436	104.2776	45.6698
97	97	847	SLV_Ex		122.05	485.9561	65.0108	5.5158
97	97	56	SLV_Ex		116.95	435.9939	98.2249	21.653
97	97	29	SLV_Ex		120.84	464.5889	138.4837	61.8069
98	98	379	SLU_ENV	Max	0.	-260.8776	-29.0939	26.9519
98	98	397	SLU_ENV	Max	0.	-270.3832	-35.9057	24.2794
98	98	848	SLU_ENV	Max	0.	-142.3501	-8.6069	34.6469
98	98	833	SLU_ENV	Max	0.	-132.5048	-2.0883	37.3194
98	98	379	SLU_ENV	Min	0.	-617.5478	-104.2824	-26.2593
98	98	397	SLU_ENV	Min	0.	-614.632	-82.2322	-30.5279
98	98	848	SLU_ENV	Min	0.	-332.3349	-19.802	-33.3745
98	98	833	SLU_ENV	Min	0.	-335.0756	-41.9631	-29.1059
98	98	379	SLV_Ex		252.24	-1185.9953	-202.8953	35.2116
98	98	397	SLV_Ex		255.87	-1215.6279	-185.1437	23.4163
98	98	848	SLV_Ex		245.12	-968.6638	-123.3831	48.1494
98	98	833	SLV_Ex		241.39	-939.9522	-140.5118	59.9448
99	99	833	SLU_ENV	Max	0.	-143.3022	-5.1892	39.9337
99	99	848	SLU_ENV	Max	0.	-137.1212	-6.6197	32.0803
99	99	849	SLU_ENV	Max	0.	-23.3005	41.946	24.8094
99	99	834	SLU_ENV	Max	0.	-29.3245	35.4757	32.6628
99	99	833	SLU_ENV	Min	0.	-365.2375	-43.7064	-25.9438
99	99	848	SLU_ENV	Min	0.	-335.5947	-24.743	-36.5112
99	99	849	SLU_ENV	Min	0.	-76.5533	21.2664	-53.6617
99	99	834	SLU_ENV	Min	0.	-106.203	10.1282	-43.0943
99	99	833	SLV_Ex		228.55	-1004.4579	-152.6711	67.9794
99	99	848	SLV_Ex		230.96	-971.1055	-124.6133	40.1737
99	99	849	SLV_Ex		222.31	-731.7922	-47.0489	18.6527
99	99	834	SLV_Ex		219.95	-766.2952	-74.254	46.4584
100	100	834	SLU_ENV	Max	0.	-31.0085	33.1852	26.1461
100	100	849	SLU_ENV	Max	0.	-25.9761	34.1783	31.2415
100	100	850	SLU_ENV	Max	0.	134.9346	73.0921	25.7999
100	100	835	SLU_ENV	Max	0.	118.9734	63.4722	20.7044
100	100	834	SLU_ENV	Min	0.	-113.7873	13.3076	-51.2692
100	100	849	SLU_ENV	Min	0.	-96.8237	21.7023	-45.6126
100	100	850	SLU_ENV	Min	0.	72.0939	37.5726	-54.7646
100	100	835	SLU_ENV	Min	0.	67.5574	36.7404	-60.4212
100	100	834	SLV_Ex		208.88	-789.8147	-79.4592	27.0136
100	100	849	SLV_Ex		211.79	-760.7352	-52.3362	37.8129
100	100	850	SLV_Ex		207.15	-535.314	-18.7914	20.1961
100	100	835	SLV_Ex		204.22	-563.6832	-46.4399	9.3968
101	101	835	SLU_ENV	Max	0.	113.3937	67.5429	23.8597
101	101	850	SLU_ENV	Max	0.	122.337	65.386	22.7535
101	101	851	SLU_ENV	Max	0.	327.5789	108.6551	15.8564
101	101	836	SLU_ENV	Max	0.	318.7456	110.818	16.9625
101	101	835	SLU_ENV	Min	0.	65.881	36.2247	-56.8658
101	101	850	SLU_ENV	Min	0.	71.9013	37.7145	-58.2158
101	101	851	SLU_ENV	Min	0.	154.5001	54.6195	-62.6821
101	101	836	SLU_ENV	Min	0.	148.5494	53.0774	-61.3321
101	101	835	SLV_Ex		199.99	-579.759	-48.0722	17.8915
101	101	850	SLV_Ex		198.15	-552.2054	-23.7525	11.9303
101	101	851	SLV_Ex		196.63	-337.6344	25.2591	-5.5425
101	101	836	SLV_Ex		198.79	-365.8222	1.455	0.4187

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
102	102	836	SLU_ENV	Max	0.	317.9119	116.1805	12.7643
102	102	851	SLU_ENV	Max	0.	317.0555	101.0213	19.969
102	102	852	SLU_ENV	Max	0.	489.9504	123.1956	13.1436
102	102	837	SLU_ENV	Max	0.	491.8031	137.6917	5.9389
102	102	836	SLU_ENV	Min	0.	148.2005	53.0657	-66.7549
102	102	851	SLU_ENV	Min	0.	154.1651	54.4944	-57.3773
102	102	852	SLU_ENV	Min	0.	218.9311	62.2903	-55.8911
102	102	837	SLU_ENV	Min	0.	213.3763	60.5539	-65.2687
102	102	836	SLV_Ex		196.4	-378.4314	1.706	-13.1427
102	102	851	SLV_Ex		191.81	-346.0288	20.8074	7.7738
102	102	852	SLV_Ex		191.86	-150.9758	37.3469	-13.4765
102	102	837	SLV_Ex		196.53	-182.4423	17.5753	-34.3929
103	103	837	SLU_ENV	Max	0.	503.472	144.306	8.6614
103	103	852	SLU_ENV	Max	0.	479.6167	116.8484	10.5289
103	103	853	SLU_ENV	Max	0.	619.6524	138.5005	7.7593
103	103	838	SLU_ENV	Max	0.	643.5683	165.9868	5.8917
103	103	837	SLU_ENV	Min	0.	216.1147	60.9663	-63.1781
103	103	852	SLU_ENV	Min	0.	218.2758	62.2945	-57.8837
103	103	853	SLU_ENV	Min	0.	265.365	70.1612	-42.6195
103	103	838	SLU_ENV	Min	0.	263.1858	68.8471	-47.9138
103	103	837	SLV_Ex		194.69	-170.8913	20.7286	-28.4564
103	103	852	SLV_Ex		187.8	-164.5771	33.7835	-19.2183
103	103	853	SLV_Ex		188.22	12.7085	58.9566	-22.1368
103	103	838	SLV_Ex		195.19	6.1484	46.1198	-31.3749
104	104	838	SLU_ENV	Max	0.	647.3961	167.1365	5.0593
104	104	853	SLU_ENV	Max	0.	618.6055	137.9069	8.5264
104	104	854	SLU_ENV	Max	0.	717.7941	149.0903	4.7728
104	104	839	SLU_ENV	Max	0.	747.1563	177.8341	1.3057
104	104	838	SLU_ENV	Min	0.	263.1443	68.9601	-48.8267
104	104	853	SLU_ENV	Min	0.	266.1912	70.205	-41.7949
104	104	854	SLU_ENV	Min	0.	294.4499	73.4208	-22.413
104	104	839	SLU_ENV	Min	0.	291.6475	71.9929	-29.4448
104	104	838	SLV_Ex		191.48	-1.5599	47.553	-35.0096
104	104	853	SLV_Ex		184.84	16.3116	56.7024	-18.6325
104	104	854	SLV_Ex		185.4	172.1372	70.2033	-30.5292
104	104	839	SLV_Ex		192.05	154.861	60.6389	-46.9063
105	105	839	SLU_ENV	Max	0.	754.244	181.1098	3.1983
105	105	854	SLU_ENV	Max	0.	713.5388	146.3811	2.9714
105	105	855	SLU_ENV	Max	0.	737.5476	150.9598	1.1183
105	105	840	SLU_ENV	Max	0.	778.0973	185.9344	1.0496
105	105	839	SLU_ENV	Min	0.	292.665	72.1475	-25.9708
105	105	854	SLU_ENV	Min	0.	294.1872	73.4171	-25.7901
105	105	855	SLU_ENV	Min	0.	303.8706	75.4198	0.555
105	105	840	SLU_ENV	Min	0.	302.231	74.238	0.67
105	105	839	SLV_Ex		187.37	165.8657	63.7923	-44.7268
105	105	854	SLV_Ex		181.03	161.9575	67.2148	-32.6191
105	105	855	SLV_Ex		181.51	296.8591	80.9388	-29.1222
105	105	840	SLV_Ex		187.85	300.8167	77.5098	-41.2299
106	106	840	SLU_ENV	Max	0.	777.8732	185.8646	1.3155
106	106	855	SLU_ENV	Max	0.	737.4368	150.9625	0.7548
106	106	856	SLU_ENV	Max	0.	713.8918	147.0102	27.1804
106	106	841	SLU_ENV	Max	0.	754.4766	181.6709	27.7423
106	106	840	SLU_ENV	Min	0.	302.1034	74.1982	0.6754
106	106	855	SLU_ENV	Min	0.	303.807	75.4213	0.5131

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
106	106	856	SLU_ENV	Min	0.	294.3835	73.7715	-1.5424
106	106	841	SLU_ENV	Min	0.	292.7933	72.4629	-1.3813
106	106	840	SLV_Ex		181.81	293.8645	78.9556	-41.0557
106	106	855	SLV_Ex		176.52	301.3971	79.0103	-29.3208
106	106	856	SLV_Ex		176.89	414.1846	88.8016	-34.9305
106	106	841	SLV_Ex		182.17	406.8585	88.6226	-46.6654
107	107	841	SLU_ENV	Max	0.	747.0632	178.2654	31.2108
107	107	856	SLU_ENV	Max	0.	717.7885	149.7124	23.8082
107	107	857	SLU_ENV	Max	0.	619.1093	139.1521	43.1599
107	107	842	SLU_ENV	Max	0.	647.8103	168.1917	50.5625
107	107	841	SLU_ENV	Min	0.	291.5898	72.2341	0.5059
107	107	856	SLU_ENV	Min	0.	294.4408	73.7711	-3.3389
107	107	857	SLU_ENV	Min	0.	266.4681	70.9068	-7.1214
107	107	842	SLU_ENV	Min	0.	263.3715	69.5532	-3.2765
107	107	841	SLV_Ex		175.29	416.1011	91.4949	-47.0733
107	107	856	SLV_Ex		170.96	403.9974	85.7404	-34.5316
107	107	857	SLV_Ex		171.31	494.2513	90.1768	-26.1246
107	107	842	SLV_Ex		175.62	506.6108	95.7707	-38.6664
108	108	842	SLU_ENV	Max	0.	643.4356	166.8876	49.6804
108	108	857	SLU_ENV	Max	0.	619.8577	139.731	43.9539
108	108	858	SLU_ENV	Max	0.	480.4448	118.8112	59.0572
108	108	843	SLU_ENV	Max	0.	503.9594	145.9403	64.7837
108	108	842	SLU_ENV	Min	0.	263.1003	69.3518	-4.077
108	108	857	SLU_ENV	Min	0.	265.4699	70.8542	-6.3861
108	108	858	SLU_ENV	Min	0.	218.7317	63.4016	-9.3183
108	108	843	SLU_ENV	Min	0.	216.3789	61.8855	-7.0092
108	108	842	SLV_Ex		168.44	498.0545	96.9299	-35.3263
108	108	857	SLV_Ex		164.55	496.0752	87.6711	-29.3902
108	108	858	SLV_Ex		164.54	564.2434	94.6755	-29.3927
108	108	843	SLV_Ex		168.4	565.9947	104.1393	-35.3287
109	109	843	SLU_ENV	Max	0.	491.7712	139.1725	66.8423
109	109	858	SLU_ENV	Max	0.	490.2699	125.1064	57.0948
109	109	859	SLU_ENV	Max	0.	318.1704	103.6183	58.4284
109	109	844	SLU_ENV	Max	0.	318.688	118.3374	68.1759
109	109	843	SLU_ENV	Min	0.	213.3419	61.385	-4.3189
109	109	858	SLU_ENV	Min	0.	219.0939	63.3671	-11.9027
109	109	859	SLU_ENV	Min	0.	154.7779	55.9609	-18.88
109	109	844	SLU_ENV	Min	0.	148.6236	54.2804	-11.2962
109	109	843	SLV_Ex		160.54	572.4565	106.5931	-38.9439
109	109	858	SLV_Ex		157.47	550.3348	90.7324	-25.8788
109	109	859	SLV_Ex		157.64	594.5989	85.4726	-11.3603
109	109	844	SLV_Ex		160.7	617.0949	101.0875	-24.4254
110	110	844	SLU_ENV	Max	0.	318.6941	112.8005	62.8155
110	110	859	SLU_ENV	Max	0.	328.0899	111.1403	63.671
110	110	860	SLU_ENV	Max	0.	123.947	68.7951	58.9372
110	110	845	SLU_ENV	Max	0.	114.4544	70.4392	58.0817
110	110	844	SLU_ENV	Min	0.	148.4947	54.1916	-15.4284
110	110	859	SLU_ENV	Min	0.	154.7639	56.0211	-14.8332
110	110	860	SLU_ENV	Min	0.	72.7893	39.6432	-22.0016
110	110	845	SLU_ENV	Min	0.	66.4582	37.8603	-22.5968
110	110	844	SLV_Ex		153.53	602.5467	101.1885	-14.1642
110	110	859	SLV_Ex		149.36	584.8723	80.5167	-21.4499
110	110	860	SLV_Ex		148.42	607.3817	92.587	-11.5113
110	110	845	SLV_Ex		152.52	624.3209	113.8559	-4.2256

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
111	111	845	SLU_ENV	Max	0.	119.0233	66.2105	61.5545
111	111	860	SLU_ENV	Max	0.	135.6703	76.2823	55.5659
111	111	861	SLU_ENV	Max	0.	-24.7461	38.1511	46.0762
111	111	846	SLU_ENV	Max	0.	-30.1471	35.9507	52.0648
111	111	845	SLU_ENV	Min	0.	67.5505	38.2844	-19.5261
111	111	860	SLU_ENV	Min	0.	72.4765	39.3749	-24.9662
111	111	861	SLU_ENV	Min	0.	-94.6	23.953	-30.7522
111	111	846	SLU_ENV	Min	0.	-112.2127	16.0137	-25.3121
111	111	845	SLV_Ex		142.96	607.7105	112.9501	-10.5991
111	111	860	SLV_Ex		139.94	587.774	86.2492	-5.2754
111	111	861	SLV_Ex		139.74	583.634	79.6199	5.8064
111	111	846	SLV_Ex		142.76	603.617	106.3187	0.4827
112	112	846	SLU_ENV	Max	0.	-29.1668	38.1577	43.9312
112	112	861	SLU_ENV	Max	0.	-22.8122	45.5205	54.0837
112	112	862	SLU_ENV	Max	0.	-135.4753	-4.017	36.6289
112	112	847	SLU_ENV	Max	0.	-141.9635	-2.7065	26.4764
112	112	846	SLU_ENV	Min	0.	-105.8439	12.7557	-31.7838
112	112	861	SLU_ENV	Min	0.	-75.6167	23.288	-24.3653
112	112	862	SLU_ENV	Min	0.	-332.6299	-20.1581	-31.9486
112	112	847	SLU_ENV	Min	0.	-362.8089	-39.3319	-39.3671
112	112	846	SLV_Ex		133.34	578.9118	103.3429	14.2699
112	112	861	SLV_Ex		130.12	553.6941	71.6666	-7.7698
112	112	862	SLV_Ex		127.66	526.3108	89.5854	5.9494
112	112	847	SLV_Ex		130.82	550.1738	122.317	27.9892
113	113	847	SLU_ENV	Max	0.	-132.1415	0.3798	29.5411
113	113	862	SLU_ENV	Max	0.	-141.6132	-6.3664	33.5877
113	113	83	SLU_ENV	Max	0.	-268.1879	-33.1764	30.3346
113	113	56	SLU_ENV	Max	0.	-259.0226	-26.1587	26.2879
113	113	847	SLU_ENV	Min	0.	-334.3386	-37.612	-36.854
113	113	862	SLU_ENV	Min	0.	-330.9498	-15.8479	-34.416
113	113	83	SLU_ENV	Min	0.	-610.6953	-77.4293	-24.4711
113	113	56	SLU_ENV	Min	0.	-614.2007	-99.1208	-26.909
113	113	847	SLV_Ex		119.57	495.83	115.4529	21.5341
113	113	862	SLV_Ex		117.12	509.4761	82.2139	12.3838
113	113	83	SLV_Ex		117.12	454.5485	80.5735	-3.5746
113	113	56	SLV_Ex		119.49	439.5356	114.8609	5.5757
114	114	397	SLU_ENV	Max	0.	-272.3262	-32.7925	29.338
114	114	415	SLU_ENV	Max	0.	-274.4142	-43.8811	24.101
114	114	863	SLU_ENV	Max	0.	-141.0221	-13.6709	24.4886
114	114	848	SLU_ENV	Max	0.	-138.6317	-2.8427	29.7257
114	114	397	SLU_ENV	Min	0.	-617.0784	-103.2602	-24.6893
114	114	415	SLU_ENV	Min	0.	-595.8927	-89.8934	-29.8901
114	114	863	SLU_ENV	Min	0.	-316.7827	-26.2672	-44.2995
114	114	848	SLU_ENV	Min	0.	-338.0441	-39.5523	-39.0987
114	114	397	SLV_Ex		251.97	-1223.835	-207.0158	37.1931
114	114	415	SLV_Ex		253.	-1219.4384	-198.8912	19.7927
114	114	863	SLV_Ex		245.77	-961.5564	-129.0869	17.0684
114	114	848	SLV_Ex		244.75	-967.3924	-136.1896	34.4688
115	115	848	SLU_ENV	Max	0.	-138.7139	-4.7709	27.4244
115	115	863	SLU_ENV	Max	0.	-141.5831	-11.8713	26.7618
115	115	864	SLU_ENV	Max	0.	-25.1444	19.7968	28.9917
115	115	849	SLU_ENV	Max	0.	-21.8834	29.0745	29.6543
115	115	848	SLU_ENV	Min	0.	-335.7368	-37.5916	-42.1538
115	115	863	SLU_ENV	Min	0.	-327.7416	-29.9582	-41.3082

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
115	115	864	SLU_ENV	Min	0.	-77.4171	11.7576	-46.988
115	115	849	SLU_ENV	Min	0.	-84.9924	1.3541	-47.8336
115	115	848	SLV_Ex		230.49	-977.5982	-142.072	27.7727
115	115	863	SLV_Ex		234.32	-979.9279	-128.92	23.6138
115	115	864	SLV_Ex		227.3	-739.153	-76.5131	27.1808
115	115	849	SLV_Ex		223.41	-737.2559	-89.372	31.3397
116	116	849	SLU_ENV	Max	0.	-27.4975	25.9436	31.2814
116	116	864	SLU_ENV	Max	0.	-23.4877	19.8218	27.4311
116	116	865	SLU_ENV	Max	0.	141.4889	64.4294	21.9282
116	116	850	SLU_ENV	Max	0.	127.5365	63.1565	25.7785
116	116	849	SLU_ENV	Min	0.	-95.5083	4.4012	-45.9813
116	116	864	SLU_ENV	Min	0.	-81.5774	8.0897	-48.7911
116	116	865	SLU_ENV	Min	0.	76.7811	35.308	-57.2078
116	116	850	SLU_ENV	Min	0.	72.8873	38.9907	-54.3979
116	116	849	SLV_Ex		212.8	-767.1434	-95.137	35.7665
116	116	864	SLV_Ex		214.68	-746.3416	-78.1634	22.8603
116	116	865	SLV_Ex		210.02	-518.9621	-19.1834	9.2252
116	116	850	SLV_Ex		208.21	-540.7851	-35.3869	22.1314
117	117	850	SLU_ENV	Max	0.	127.3261	66.8979	21.8306
117	117	865	SLU_ENV	Max	0.	130.983	58.5448	25.8122
117	117	866	SLU_ENV	Max	0.	323.3326	88.2032	20.9292
117	117	851	SLU_ENV	Max	0.	320.3797	96.0927	16.9476
117	117	850	SLU_ENV	Min	0.	71.3178	37.9594	-59.4072
117	117	865	SLU_ENV	Min	0.	75.1021	35.6896	-52.2952
117	117	866	SLU_ENV	Min	0.	157.8982	49.3229	-54.1965
117	117	851	SLU_ENV	Min	0.	154.4716	51.3149	-61.3085
117	117	850	SLV_Ex		199.21	-554.4464	-37.8423	10.0505
117	117	865	SLV_Ex		200.87	-533.4883	-22.3655	21.1018
117	117	866	SLV_Ex		198.41	-324.2421	7.4779	7.6947
117	117	851	SLV_Ex		196.77	-344.9055	-8.2114	-3.3566
118	118	851	SLU_ENV	Max	0.	323.2442	100.8682	19.0136
118	118	866	SLU_ENV	Max	0.	316.0503	82.5441	18.9502
118	118	867	SLU_ENV	Max	0.	478.084	112.4146	14.0104
118	118	852	SLU_ENV	Max	0.	485.2572	130.8266	14.0738
118	118	851	SLU_ENV	Min	0.	153.526	50.7218	-58.9561
118	118	866	SLU_ENV	Min	0.	157.2486	49.597	-56.472
118	118	867	SLU_ENV	Min	0.	222.7927	62.4684	-51.8555
118	118	852	SLU_ENV	Min	0.	219.0747	63.5853	-54.3395
118	118	851	SLV_Ex		191.73	-348.5535	-8.3621	1.1113
118	118	866	SLV_Ex		190.95	-335.7386	4.5997	3.385
118	118	867	SLV_Ex		190.13	-142.7124	40.3257	-4.6475
118	118	852	SLV_Ex		191.06	-156.1791	27.8764	-6.9212
119	119	852	SLU_ENV	Max	0.	488.3194	135.6955	11.8952
119	119	867	SLU_ENV	Max	0.	470.8845	106.7182	16.1246
119	119	868	SLU_ENV	Max	0.	599.7501	125.3822	10.7458
119	119	853	SLU_ENV	Max	0.	617.8105	153.9568	6.5164
119	119	852	SLU_ENV	Min	0.	218.2317	63.2276	-55.8213
119	119	867	SLU_ENV	Min	0.	222.4556	62.5901	-50.4668
119	119	868	SLU_ENV	Min	0.	269.4125	68.9492	-39.1808
119	119	853	SLU_ENV	Min	0.	265.4421	69.3934	-44.5352
119	119	852	SLV_Ex		186.93	-164.2149	28.1461	-13.9823
119	119	867	SLV_Ex		185.09	-144.6694	38.0575	2.2607
119	119	868	SLV_Ex		185.14	27.5936	54.8622	-10.9057
119	119	853	SLV_Ex		187.03	8.3732	44.7287	-27.1487



Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
120	120	853	SLU_ENV	Max	0.	622.9275	158.2668	8.5288
120	120	868	SLU_ENV	Max	0.	592.0128	120.5482	8.8142
120	120	869	SLU_ENV	Max	0.	692.647	140.6339	5.0092
120	120	854	SLU_ENV	Max	0.	723.4266	178.5031	4.7239
120	120	853	SLU_ENV	Min	0.	266.0962	69.3123	-41.7818
120	120	868	SLU_ENV	Min	0.	268.8087	69.0404	-41.8603
120	120	869	SLU_ENV	Min	0.	297.414	74.4023	-22.5319
120	120	854	SLU_ENV	Min	0.	294.6278	74.728	-22.4533
120	120	853	SLV_Ex		183.53	16.797	46.9739	-24.1889
120	120	868	SLV_Ex		180.54	18.7847	52.54	-13.7555
120	120	869	SLV_Ex		180.96	171.2243	71.4065	-14.5722
120	120	854	SLV_Ex		184.01	168.8905	66.1249	-25.0055
121	121	854	SLU_ENV	Max	0.	725.4935	180.9175	4.0011
121	121	869	SLU_ENV	Max	0.	689.0063	137.9047	5.6748
121	121	870	SLU_ENV	Max	0.	701.3479	136.7856	2.5084
121	121	855	SLU_ENV	Max	0.	738.2145	179.5316	-0.0946
121	121	854	SLU_ENV	Min	0.	294.3108	74.6255	-23.9646
121	121	869	SLU_ENV	Min	0.	297.4804	74.4547	-21.1044
121	121	870	SLU_ENV	Min	0.	306.9818	75.2296	0.9988
121	121	855	SLU_ENV	Min	0.	303.9622	75.2873	-0.9319
121	121	854	SLV_Ex		179.6	163.8535	67.3386	-26.7975
121	121	869	SLV_Ex		176.61	175.0331	69.9472	-12.8478
121	121	870	SLV_Ex		177.13	305.5267	80.8006	-20.8868
121	121	855	SLV_Ex		180.13	294.431	78.1543	-34.8365
122	122	855	SLU_ENV	Max	0.	738.0386	179.4788	2.7631
122	122	870	SLU_ENV	Max	0.	701.1676	136.7671	-0.1872
122	122	871	SLU_ENV	Max	0.	689.3895	138.4458	22.2089
122	122	856	SLU_ENV	Max	0.	725.8767	181.427	25.3877
122	122	855	SLU_ENV	Min	0.	303.8614	75.2572	1.1389
122	122	870	SLU_ENV	Min	0.	306.8784	75.2189	-1.0886
122	122	871	SLU_ENV	Min	0.	297.6937	74.7601	-4.5374
122	122	856	SLU_ENV	Min	0.	294.5245	74.9129	-2.5383
122	122	855	SLV_Ex		175.09	303.7767	80.8057	-33.9693
122	122	870	SLV_Ex		171.98	298.3477	78.5826	-21.721
122	122	871	SLV_Ex		172.5	406.9326	86.8196	-18.0015
122	122	856	SLV_Ex		175.62	412.2364	89.1631	-30.2497
123	123	856	SLU_ENV	Max	0.	723.3256	178.8954	23.8865
123	123	871	SLU_ENV	Max	0.	692.7468	141.1386	23.6264
123	123	872	SLU_ENV	Max	0.	592.7207	121.6495	42.8486
123	123	857	SLU_ENV	Max	0.	623.4301	159.2588	43.1087
123	123	856	SLU_ENV	Min	0.	294.5646	74.9483	-3.2505
123	123	871	SLU_ENV	Min	0.	297.4642	74.6868	-3.8822
123	123	872	SLU_ENV	Min	0.	269.2013	69.6622	-7.7952
123	123	857	SLU_ENV	Min	0.	266.3729	69.8718	-7.1635
123	123	856	SLV_Ex		169.66	407.3657	90.5429	-28.7334
123	123	871	SLV_Ex		166.67	410.3739	85.1539	-19.5013
123	123	872	SLV_Ex		166.89	496.6099	92.1647	-22.7016
123	123	857	SLV_Ex		169.86	493.3607	97.7632	-31.9338
124	124	857	SLU_ENV	Max	0.	617.8938	154.8407	45.8422
124	124	872	SLU_ENV	Max	0.	600.0449	126.4251	40.1881
124	124	873	SLU_ENV	Max	0.	471.8702	108.3225	51.369
124	124	858	SLU_ENV	Max	0.	489.0962	137.1386	57.0231
124	124	857	SLU_ENV	Min	0.	265.478	69.8909	-5.1712
124	124	872	SLU_ENV	Min	0.	269.5675	69.5373	-9.7076

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
124	124	873	SLU_ENV	Min	0.	223.0006	63.4965	-15.1921
124	124	858	SLU_ENV	Min	0.	218.6591	64.0421	-10.6557
124	124	857	SLV_Ex		163.08	500.5092	100.2318	-33.1789
124	124	872	SLV_Ex		160.2	488.2286	89.4496	-21.4949
124	124	873	SLV_Ex		160.49	551.1442	89.2322	-13.8365
124	124	858	SLV_Ex		163.36	563.3991	100.0634	-25.5206
125	125	858	SLU_ENV	Max	0.	485.4342	132.1532	55.569
125	125	873	SLU_ENV	Max	0.	478.649	113.9313	52.7301
125	125	874	SLU_ENV	Max	0.	317.4569	84.7303	57.1414
125	125	859	SLU_ENV	Max	0.	324.2644	102.8631	59.9803
125	125	858	SLU_ENV	Min	0.	219.157	64.3329	-12.8049
125	125	873	SLU_ENV	Min	0.	223.0948	63.3241	-13.1071
125	125	874	SLU_ENV	Min	0.	158.0272	50.8336	-18.2558
125	125	859	SLU_ENV	Min	0.	154.0857	51.8495	-17.9536
125	125	858	SLV_Ex		156.25	555.8498	101.0132	-20.0612
125	125	873	SLV_Ex		152.95	548.902	86.3242	-19.1996
125	125	874	SLV_Ex		152.55	589.4321	93.142	-16.4486
125	125	859	SLV_Ex		155.81	595.7181	108.3628	-17.3102
126	126	859	SLU_ENV	Max	0.	320.7632	97.9866	62.2819
126	126	874	SLU_ENV	Max	0.	324.1555	90.2464	54.9152
126	126	875	SLU_ENV	Max	0.	132.8363	61.1597	52.7779
126	126	860	SLU_ENV	Max	0.	128.7546	69.3531	60.1446
126	126	859	SLU_ENV	Min	0.	154.6639	52.3844	-15.9395
126	126	874	SLU_ENV	Min	0.	158.3399	50.4769	-20.1845
126	126	875	SLU_ENV	Min	0.	76.1286	37.17	-25.308
126	126	860	SLU_ENV	Min	0.	72.1032	39.3494	-21.063
126	126	859	SLV_Ex		147.53	592.511	109.3641	-20.4465
126	126	874	SLV_Ex		144.49	577.7497	89.1627	-13.3923
126	126	875	SLV_Ex		144.55	593.4282	84.4756	-5.3637
126	126	860	SLV_Ex		147.59	607.9697	104.8728	-12.4178
127	127	860	SLU_ENV	Max	0.	128.1879	65.5333	55.1603
127	127	875	SLU_ENV	Max	0.	142.5962	66.8181	57.6656
127	127	876	SLU_ENV	Max	0.	-22.1528	22.2684	48.9871
127	127	861	SLU_ENV	Max	0.	-26.4151	28.3736	46.4817
127	127	860	SLU_ENV	Min	0.	73.2233	40.3351	-24.9838
127	127	875	SLU_ENV	Min	0.	77.3775	36.6581	-21.451
127	127	876	SLU_ENV	Min	0.	-79.1722	10.4763	-27.2224
127	127	861	SLU_ENV	Min	0.	-93.5449	6.7725	-30.7553
127	127	860	SLV_Ex		139.09	595.1787	104.3508	-3.6695
127	127	875	SLV_Ex		135.93	579.4237	79.6385	-13.962
127	127	876	SLV_Ex		134.85	572.2973	88.8467	-6.3003
127	127	861	SLV_Ex		137.95	586.8283	114.5135	3.9922
128	128	861	SLU_ENV	Max	0.	-21.3581	31.4718	48.262
128	128	876	SLU_ENV	Max	0.	-24.3309	22.5468	47.2546
128	128	877	SLU_ENV	Max	0.	-139.8779	-9.9977	41.2565
128	128	862	SLU_ENV	Max	0.	-137.2825	-2.7484	42.264
128	128	861	SLU_ENV	Min	0.	-83.9942	3.6951	-29.2027
128	128	876	SLU_ENV	Min	0.	-75.9167	13.314	-28.7101
128	128	877	SLU_ENV	Min	0.	-324.6769	-26.6562	-26.8089
128	128	862	SLU_ENV	Min	0.	-333.1489	-34.0323	-27.3014
128	128	861	SLV_Ex		128.32	562.97	112.1297	0.257
128	128	876	SLV_Ex		125.7	559.7899	83.9573	-2.6089
128	128	877	SLV_Ex		125.72	526.8862	80.0032	-4.9216
128	128	862	SLV_Ex		128.33	529.0088	108.9916	-2.0557

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
129	129	862	SLU_ENV	Max	0.	-137.7444	-0.8012	39.2026
129	129	877	SLU_ENV	Max	0.	-140.0264	-12.067	44.2542
129	129	110	SLU_ENV	Max	0.	-272.3856	-41.9424	29.6538
129	129	83	SLU_ENV	Max	0.	-270.3931	-30.4236	24.6021
129	129	862	SLU_ENV	Min	0.	-336.3996	-35.9589	-29.6086
129	129	877	SLU_ENV	Min	0.	-314.9517	-23.4348	-24.5298
129	129	110	SLU_ENV	Min	0.	-592.2529	-86.479	-24.3402
129	129	83	SLU_ENV	Min	0.	-613.6015	-99.0984	-29.4191
129	129	862	SLV_Ex		117.88	516.5223	106.8271	2.6822
129	129	877	SLV_Ex		116.67	504.7076	75.2347	-9.5273
129	129	110	SLV_Ex		114.87	448.3948	76.3555	-6.2291
129	129	83	SLV_Ex		116.08	458.2042	109.4692	5.9804
130	130	415	SLU_ENV	Max	0.	-275.1748	-35.8784	20.8051
130	130	433	SLU_ENV	Max	0.	-283.576	-50.0951	18.4655
130	130	878	SLU_ENV	Max	0.	-146.184	-20.9818	25.6301
130	130	863	SLU_ENV	Max	0.	-137.3498	-7.1154	27.9697
130	130	415	SLU_ENV	Min	0.	-596.1298	-100.1723	-33.9069
130	130	433	SLU_ENV	Min	0.	-590.2144	-93.7661	-33.7762
130	130	878	SLU_ENV	Min	0.	-316.5228	-38.1397	-39.9798
130	130	863	SLU_ENV	Min	0.	-322.2741	-44.6306	-40.1105
130	130	415	SLV_Ex		251.2	-1224.2608	-205.4643	11.3177
130	130	433	SLV_Ex		253.67	-1243.6228	-203.628	2.6985
130	130	878	SLV_Ex		247.47	-979.0798	-141.9308	17.1622
130	130	863	SLV_Ex		244.93	-960.8247	-142.9678	25.7814
131	131	863	SLU_ENV	Max	0.	-142.6361	-9.1905	28.6303
131	131	878	SLU_ENV	Max	0.	-143.2074	-19.3686	25.0132
131	131	879	SLU_ENV	Max	0.	-23.3009	10.9323	23.597
131	131	864	SLU_ENV	Max	0.	-22.5091	26.6518	27.2142
131	131	863	SLU_ENV	Min	0.	-327.0444	-42.3309	-39.5151
131	131	878	SLU_ENV	Min	0.	-314.1132	-40.9115	-40.5588
131	131	879	SLU_ENV	Min	0.	-69.7352	6.6628	-49.7487
131	131	864	SLU_ENV	Min	0.	-82.6989	-0.4173	-48.705
131	131	863	SLV_Ex		233.48	-984.7493	-148.2687	27.5563
131	131	878	SLV_Ex		234.7	-978.428	-141.2846	15.4158
131	131	879	SLV_Ex		228.94	-732.449	-79.524	11.1422
131	131	864	SLV_Ex		227.72	-740.0166	-85.5901	23.2827
132	132	864	SLU_ENV	Max	0.	-24.3913	23.9411	25.0518
132	132	879	SLU_ENV	Max	0.	-25.1527	12.2597	25.7292
132	132	880	SLU_ENV	Max	0.	137.3839	44.1391	25.1492
132	132	865	SLU_ENV	Max	0.	135.4197	55.1134	24.4717
132	132	864	SLU_ENV	Min	0.	-79.0031	3.8273	-51.7617
132	132	879	SLU_ENV	Min	0.	-76.6405	2.413	-46.7528
132	132	880	SLU_ENV	Min	0.	77.0323	27.7674	-49.0593
132	132	865	SLU_ENV	Min	0.	78.1031	29.3849	-54.0682
132	132	864	SLV_Ex		215.11	-749.595	-89.0169	16.7397
132	132	879	SLV_Ex		217.71	-746.6941	-80.8619	17.5496
132	132	880	SLV_Ex		213.19	-519.6684	-36.6015	16.4244
132	132	865	SLV_Ex		210.55	-522.9407	-44.4898	15.6145
133	133	865	SLU_ENV	Max	0.	134.5741	52.8397	25.4937
133	133	880	SLU_ENV	Max	0.	135.0941	44.8393	24.1936
133	133	881	SLU_ENV	Max	0.	319.0743	74.7471	19.9606
133	133	866	SLU_ENV	Max	0.	318.4558	87.48	21.2607
133	133	865	SLU_ENV	Min	0.	74.051	33.3485	-52.8572
133	133	880	SLU_ENV	Min	0.	76.5965	23.8528	-50.22

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
133	133	881	SLU_ENV	Min	0.	161.3227	46.063	-50.9897
133	133	866	SLU_ENV	Min	0.	158.8016	50.9255	-53.6269
133	133	865	SLV_Ex		201.33	-536.8714	-47.3205	17.4285
133	133	880	SLV_Ex		203.15	-527.5456	-38.1324	14.7183
133	133	881	SLV_Ex		200.56	-317.4426	6.2803	8.6049
133	133	866	SLV_Ex		198.79	-327.775	-2.1468	11.315
134	134	866	SLU_ENV	Max	0.	322.2402	91.8623	18.905
134	134	881	SLU_ENV	Max	0.	314.6233	73.3839	22.2638
134	134	882	SLU_ENV	Max	0.	465.6101	90.6863	17.5438
134	134	867	SLU_ENV	Max	0.	473.6824	112.0377	14.1849
134	134	866	SLU_ENV	Min	0.	156.6225	49.8363	-56.3524
134	134	881	SLU_ENV	Min	0.	159.8811	43.2756	-48.3431
134	134	882	SLU_ENV	Min	0.	226.1074	57.2174	-43.8194
134	134	867	SLU_ENV	Min	0.	223.064	60.4549	-51.8287
134	134	866	SLV_Ex		191.3	-336.8078	-3.4595	4.0118
134	134	881	SLV_Ex		193.12	-323.2972	4.6155	15.7648
134	134	882	SLV_Ex		191.91	-133.3878	29.6508	6.7116
134	134	867	SLV_Ex		190.11	-146.9898	21.6519	-5.0414
135	135	867	SLU_ENV	Max	0.	478.6633	117.5959	15.8271
135	135	882	SLU_ENV	Max	0.	462.3421	91.0159	15.9683
135	135	883	SLU_ENV	Max	0.	580.4064	105.8201	11.1604
135	135	868	SLU_ENV	Max	0.	596.5867	137.5816	11.0192
135	135	867	SLU_ENV	Min	0.	221.7394	59.7261	-49.5173
135	135	882	SLU_ENV	Min	0.	225.0573	51.9262	-46.0715
135	135	883	SLU_ENV	Min	0.	272.9568	66.1989	-36.7068
135	135	868	SLU_ENV	Min	0.	269.5757	69.0483	-40.1526
135	135	867	SLV_Ex		184.94	-145.7939	22.0706	-2.7374
135	135	882	SLV_Ex		185.94	-140.7939	27.99	4.5116
135	135	883	SLV_Ex		185.63	29.9601	53.8126	1.3038
135	135	868	SLV_Ex		184.73	24.2385	48.4507	-5.9451
136	136	868	SLU_ENV	Max	0.	604.9085	147.2437	9.6868
136	136	883	SLU_ENV	Max	0.	573.8276	106.0368	12.4377
136	136	884	SLU_ENV	Max	0.	656.7639	112.1333	6.9757
136	136	869	SLU_ENV	Max	0.	688.3138	156.7505	4.2249
136	136	868	SLU_ENV	Min	0.	268.4215	68.5746	-41.2268
136	136	883	SLU_ENV	Min	0.	272.4653	56.8132	-35.7187
136	136	884	SLU_ENV	Min	0.	301.1783	64.1969	-17.5312
136	136	869	SLU_ENV	Min	0.	297.2791	72.2581	-23.0394
136	136	868	SLV_Ex		180.07	19.3535	48.9082	-9.6676
136	136	883	SLV_Ex		180.67	31.713	52.7287	4.9335
136	136	884	SLV_Ex		180.9	180.6934	66.4617	-3.9104
136	136	869	SLV_Ex		180.34	168.1997	62.7594	-18.5114
137	137	869	SLU_ENV	Max	0.	691.3086	160.1146	6.0956
137	137	884	SLU_ENV	Max	0.	654.9601	112.223	5.1648
137	137	885	SLU_ENV	Max	0.	673.0845	116.2441	0.2203
137	137	870	SLU_ENV	Max	0.	709.0969	164.8325	1.1527
137	137	869	SLU_ENV	Min	0.	297.0581	72.0594	-19.9627
137	137	884	SLU_ENV	Min	0.	300.7005	61.0402	-20.5647
137	137	885	SLU_ENV	Min	0.	310.561	64.1115	0.0614
137	137	870	SLU_ENV	Min	0.	306.8145	74.6775	0.6617
137	137	869	SLV_Ex		175.91	175.885	64.7421	-16.9277
137	137	884	SLV_Ex		175.67	175.4847	64.9743	-5.4398
137	137	885	SLV_Ex		176.1	303.1107	77.6793	-5.309
137	137	870	SLV_Ex		176.4	303.0381	77.8225	-16.7969

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
138	138	870	SLU_ENV	Max	0.	708.8837	164.7884	0.3038
138	138	885	SLU_ENV	Max	0.	672.9537	116.2243	0.93
138	138	886	SLU_ENV	Max	0.	655.4393	112.5864	21.3843
138	138	871	SLU_ENV	Max	0.	691.7001	160.5581	21.0409
138	138	870	SLU_ENV	Min	0.	306.6924	74.6522	0.167
138	138	885	SLU_ENV	Min	0.	310.4856	64.0925	0.5498
138	138	886	SLU_ENV	Min	0.	300.9685	61.3957	-4.3196
138	138	871	SLU_ENV	Min	0.	297.2763	72.3102	-4.9854
138	138	870	SLV_Ex		171.2	300.3247	79.0733	-16.994
138	138	885	SLV_Ex		170.63	307.1669	76.697	-5.1375
138	138	886	SLV_Ex		170.99	412.2972	84.5805	-10.8209
138	138	871	SLV_Ex		171.58	405.1339	87.2207	-22.6774
139	139	871	SLU_ENV	Max	0.	688.3587	157.115	24.1076
139	139	886	SLU_ENV	Max	0.	656.9046	112.45	18.3605
139	139	887	SLU_ENV	Max	0.	574.6066	106.7205	36.4947
139	139	872	SLU_ENV	Max	0.	605.5889	148.0732	42.2419
139	139	871	SLU_ENV	Min	0.	297.2984	72.4637	-3.1248
139	139	886	SLU_ENV	Min	0.	301.2516	64.5076	-6.1206
139	139	887	SLU_ENV	Min	0.	272.8982	57.4823	-11.6363
139	139	872	SLU_ENV	Min	0.	268.7988	69.0436	-8.6404
139	139	871	SLV_Ex		165.71	413.1093	89.6034	-22.5542
139	139	886	SLV_Ex		164.61	407.6705	82.8675	-10.9462
139	139	887	SLV_Ex		164.97	489.9108	86.4496	-7.9892
139	139	872	SLV_Ex		166.08	495.0226	93.4557	-19.5972
140	140	872	SLU_ENV	Max	0.	596.8119	138.3282	41.1782
140	140	887	SLU_ENV	Max	0.	580.881	106.4481	37.4725
140	140	888	SLU_ENV	Max	0.	463.5216	92.0455	46.6951
140	140	873	SLU_ENV	Max	0.	479.5896	118.851	50.4007
140	140	872	SLU_ENV	Min	0.	269.6916	69.4698	-9.9615
140	140	887	SLU_ENV	Min	0.	273.2142	66.8148	-10.3701
140	140	888	SLU_ENV	Min	0.	225.7125	52.9331	-15.3232
140	140	873	SLU_ENV	Min	0.	222.2509	60.4362	-14.9145
140	140	872	SLV_Ex		159.36	491.9273	94.8616	-16.7489
140	140	887	SLV_Ex		157.83	492.0562	84.8538	-10.7962
140	140	888	SLV_Ex		157.69	551.507	89.9196	-12.6762
140	140	873	SLV_Ex		159.19	550.7647	100.4164	-18.6288
141	141	873	SLU_ENV	Max	0.	474.1814	113.2245	52.6808
141	141	888	SLU_ENV	Max	0.	466.3853	91.8891	44.4735
141	141	889	SLU_ENV	Max	0.	316.1906	74.6835	48.8375
141	141	874	SLU_ENV	Max	0.	323.5342	93.4858	57.0448
141	141	873	SLU_ENV	Min	0.	223.3294	61.1259	-13.3045
141	141	888	SLU_ENV	Min	0.	226.5296	57.8966	-16.8674
141	141	889	SLU_ENV	Min	0.	160.7513	44.5462	-21.7503
141	141	874	SLU_ENV	Min	0.	157.3374	50.7558	-18.1873
141	141	873	SLV_Ex		151.64	554.0219	102.3324	-19.7982
141	141	888	SLV_Ex		149.59	545.5153	87.4568	-11.5492
141	141	889	SLV_Ex		149.69	580.8758	85.3128	-7.5288
141	141	874	SLV_Ex		151.74	588.988	100.5127	-15.7778
142	142	874	SLU_ENV	Max	0.	319.2298	89.0469	54.3317
142	142	889	SLU_ENV	Max	0.	320.1927	76.2513	51.472
142	142	890	SLU_ENV	Max	0.	137.1349	46.4265	50.4928
142	142	875	SLU_ENV	Max	0.	136.2713	54.9054	53.3525
142	142	874	SLU_ENV	Min	0.	159.2166	51.8123	-20.5295
142	142	889	SLU_ENV	Min	0.	161.9341	46.9126	-19.4603

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
142	142	890	SLU_ENV	Min	0.	77.7306	25.4027	-23.9082
142	142	875	SLU_ENV	Min	0.	74.989	34.52	-24.9773
142	142	874	SLV_Ex		143.66	583.386	101.3902	-10.3621
142	142	889	SLV_Ex		141.23	576.5599	82.4518	-12.8477
142	142	890	SLV_Ex		140.66	588.9467	87.1188	-11.0021
142	142	875	SLV_Ex		143.04	594.7186	106.8816	-8.5165
143	143	875	SLU_ENV	Max	0.	136.5441	56.7258	54.5154
143	143	890	SLU_ENV	Max	0.	138.878	45.9497	49.3792
143	143	891	SLU_ENV	Max	0.	-23.7358	14.0065	46.832
143	143	876	SLU_ENV	Max	0.	-23.1817	25.864	51.9682
143	143	875	SLU_ENV	Min	0.	78.7107	30.9599	-24.0049
143	143	890	SLU_ENV	Min	0.	77.8515	28.7909	-24.8151
143	143	891	SLU_ENV	Min	0.	-74.0937	4.118	-25.6431
143	143	876	SLU_ENV	Min	0.	-76.8181	5.7026	-24.8329
143	143	875	SLV_Ex		134.41	586.725	107.1254	-10.2438
143	143	890	SLV_Ex		131.83	581.1839	83.7238	-9.315
143	143	891	SLV_Ex		132.05	568.8517	79.8137	-9.0443
143	143	876	SLV_Ex		134.63	573.5058	103.9085	-9.9732
144	144	876	SLU_ENV	Max	0.	-21.6325	28.5803	48.9102
144	144	891	SLU_ENV	Max	0.	-22.2857	12.5395	49.8295
144	144	892	SLU_ENV	Max	0.	-141.5156	-18.0337	40.4423
144	144	877	SLU_ENV	Max	0.	-141.0808	-7.5735	39.523
144	144	876	SLU_ENV	Min	0.	-81.0909	1.4641	-26.9959
144	144	891	SLU_ENV	Min	0.	-67.8868	8.0938	-23.5098
144	144	892	SLU_ENV	Min	0.	-311.0755	-38.5558	-25.1298
144	144	877	SLU_ENV	Min	0.	-324.2428	-39.4868	-28.616
144	144	876	SLV_Ex		125.48	566.4255	103.7641	-5.2365
144	144	891	SLV_Ex		123.65	556.1935	76.0104	-13.6663
144	144	892	SLV_Ex		123.18	520.9607	77.3538	-10.8542
144	144	877	SLV_Ex		124.99	529.4937	106.412	-2.4243
145	145	877	SLU_ENV	Max	0.	-136.2065	-5.4764	40.0791
145	145	892	SLU_ENV	Max	0.	-144.9211	-19.8371	39.9023
145	145	163	SLU_ENV	Max	0.	-281.5933	-48.7683	33.4783
145	145	110	SLU_ENV	Max	0.	-273.3102	-34.0566	33.6551
145	145	877	SLU_ENV	Min	0.	-320.1885	-41.748	-27.9963
145	145	892	SLU_ENV	Min	0.	-314.2309	-36.1149	-25.7061
145	145	163	SLU_ENV	Min	0.	-586.659	-91.4235	-18.7705
145	145	110	SLU_ENV	Min	0.	-592.7773	-96.9714	-21.0607
145	145	877	SLV_Ex		115.88	512.1484	104.9359	-4.1368
145	145	892	SLV_Ex		114.64	514.793	74.1273	-9.1167
145	145	163	SLV_Ex		114.85	456.0884	66.8916	-16.6412
145	145	110	SLV_Ex		116.09	451.4649	99.2087	-11.6614
146	146	433	SLU_ENV	Max	0.	-283.3687	-39.8727	21.2257
146	146	451	SLU_ENV	Max	0.	-287.7558	-56.2442	18.7868
146	146	893	SLU_ENV	Max	0.	-147.0115	-26.3597	20.5835
146	146	878	SLU_ENV	Max	0.	-142.2141	-10.3184	23.0223
146	146	433	SLU_ENV	Min	0.	-588.5849	-99.7352	-31.2976
146	146	451	SLU_ENV	Min	0.	-574.7556	-98.6313	-30.3888
146	146	893	SLU_ENV	Min	0.	-307.2745	-45.1175	-41.4119
146	146	878	SLU_ENV	Min	0.	-320.9736	-46.2768	-42.3207
146	146	433	SLV_Ex		252.59	-1245.4043	-206.165	9.5611
146	146	451	SLV_Ex		253.42	-1247.3543	-206.3525	-0.3566
146	146	893	SLV_Ex		248.02	-978.3879	-142.4297	0.5506
146	146	878	SLV_Ex		247.19	-977.6841	-141.3226	10.4683

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
147	147	878	SLU_ENV	Max	0.	-143.5283	-12.0798	22.4704
147	147	893	SLU_ENV	Max	0.	-149.0909	-25.2771	21.1422
147	147	894	SLU_ENV	Max	0.	-26.1882	0.4021	24.9775
147	147	879	SLU_ENV	Max	0.	-20.2956	20.6396	26.3057
147	147	878	SLU_ENV	Min	0.	-311.9897	-42.5014	-43.7319
147	147	893	SLU_ENV	Min	0.	-311.3329	-47.9078	-40.0257
147	147	894	SLU_ENV	Min	0.	-73.5808	-3.9273	-42.7074
147	147	879	SLU_ENV	Min	0.	-73.9904	-5.9807	-46.4136
147	147	878	SLV_Ex		234.39	-980.2744	-143.9401	8.8135
147	147	893	SLV_Ex		235.94	-992.7087	-143.1945	2.1381
147	147	894	SLV_Ex		229.99	-744.2161	-86.6908	11.3154
147	147	879	SLV_Ex		228.39	-732.597	-86.8411	17.9908
148	148	879	SLU_ENV	Max	0.	-25.893	17.0898	26.1128
148	148	894	SLU_ENV	Max	0.	-26.6751	1.8861	25.2287
148	148	895	SLU_ENV	Max	0.	135.8469	35.8889	23.9374
148	148	880	SLU_ENV	Max	0.	133.8273	50.994	24.8215
148	148	879	SLU_ENV	Min	0.	-74.0528	-1.9746	-46.5735
148	148	894	SLU_ENV	Min	0.	-72.157	-6.8122	-42.5147
148	148	895	SLU_ENV	Min	0.	78.4433	18.1802	-45.1267
148	148	880	SLU_ENV	Min	0.	79.2843	23.184	-49.1855
148	148	879	SLV_Ex		217.16	-748.7525	-90.5358	16.6726
148	148	894	SLV_Ex		218.77	-749.7002	-87.3239	12.7099
148	148	895	SLV_Ex		214.84	-519.9039	-37.7316	13.3617
148	148	880	SLV_Ex		213.21	-520.2243	-39.9991	17.3243
149	149	880	SLU_ENV	Max	0.	138.9705	48.0095	23.1977
149	149	895	SLU_ENV	Max	0.	134.1855	36.9137	25.5286
149	149	896	SLU_ENV	Max	0.	310.1832	61.6603	23.4194
149	149	881	SLU_ENV	Max	0.	315.2237	72.5455	21.0885
149	149	880	SLU_ENV	Min	0.	75.7673	27.6327	-51.5591
149	149	895	SLU_ENV	Min	0.	76.1722	15.2299	-42.81
149	149	896	SLU_ENV	Min	0.	162.7752	30.9939	-40.7578
149	149	881	SLU_ENV	Min	0.	162.5273	43.3203	-49.507
149	149	880	SLV_Ex		203.17	-528.8742	-42.4047	12.2063
149	149	895	SLV_Ex		205.62	-527.274	-38.53	18.3649
149	149	896	SLV_Ex		203.23	-317.5091	-3.6319	17.5052
149	149	881	SLV_Ex		200.74	-319.6466	-7.1107	11.3466
150	150	881	SLU_ENV	Max	0.	319.441	73.6015	21.9726
150	150	896	SLU_ENV	Max	0.	310.9387	62.4262	22.5909
150	150	897	SLU_ENV	Max	0.	454.0452	83.0224	18.4555
150	150	882	SLU_ENV	Max	0.	462.3486	95.0973	17.8371
150	150	881	SLU_ENV	Min	0.	158.8291	44.3459	-48.3424
150	150	896	SLU_ENV	Min	0.	161.1678	28.0797	-41.8799
150	150	897	SLU_ENV	Min	0.	229.1969	41.7466	-37.3514
150	150	882	SLU_ENV	Min	0.	226.7723	57.3639	-43.814
150	150	881	SLV_Ex		193.26	-324.8805	-8.5211	11.8048
150	150	896	SLV_Ex		196.81	-323.1626	-4.399	17.1375
150	150	897	SLV_Ex		195.74	-132.7701	27.2693	15.9882
150	150	882	SLV_Ex		192.22	-135.5695	23.9627	10.6555
151	151	882	SLU_ENV	Max	0.	469.6478	99.7645	16.3847
151	151	897	SLU_ENV	Max	0.	454.7037	83.5268	19.8592
151	151	898	SLU_ENV	Max	0.	561.3734	95.0496	14.3127
151	151	883	SLU_ENV	Max	0.	576.5872	108.4067	10.8382
151	151	882	SLU_ENV	Min	0.	224.1913	56.275	-45.8164
151	151	897	SLU_ENV	Min	0.	228.0259	38.5051	-35.4195

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
151	151	898	SLU_ENV	Min	0.	276.6635	42.9927	-26.4471
151	151	883	SLU_ENV	Min	0.	272.9177	63.4227	-36.8441
151	151	882	SLV_Ex		186.22	-141.1633	23.4165	6.3321
151	151	897	SLV_Ex		190.13	-131.9195	26.8669	20.2125
151	151	898	SLV_Ex		189.82	36.7633	45.1723	13.5345
151	151	883	SLV_Ex		185.95	27.0662	42.0695	-0.3459
152	152	883	SLU_ENV	Max	0.	585.2257	113.0727	12.6139
152	152	898	SLU_ENV	Max	0.	561.1848	95.3105	12.5821
152	152	899	SLU_ENV	Max	0.	628.0952	104.5142	6.7384
152	152	884	SLU_ENV	Max	0.	651.9532	121.4572	6.7702
152	152	883	SLU_ENV	Min	0.	271.4955	62.7507	-33.9775
152	152	898	SLU_ENV	Min	0.	275.6058	39.9318	-29.277
152	152	899	SLU_ENV	Min	0.	305.1214	44.7234	-14.6014
152	152	884	SLU_ENV	Min	0.	300.9044	68.6187	-19.3019
152	152	883	SLV_Ex		180.89	31.2929	42.983	1.3345
152	152	898	SLV_Ex		184.	33.2735	44.4061	11.9132
152	152	899	SLV_Ex		184.03	180.8987	61.9347	10.2708
152	152	884	SLV_Ex		180.99	178.0998	61.1387	-0.3078
153	153	884	SLU_ENV	Max	0.	656.4548	124.2135	5.8169
153	153	899	SLU_ENV	Max	0.	628.4284	104.6282	7.6397
153	153	900	SLU_ENV	Max	0.	651.0698	105.775	2.6248
153	153	885	SLU_ENV	Max	0.	679.3158	123.9935	-0.3157
153	153	884	SLU_ENV	Min	0.	299.9957	68.2739	-18.812
153	153	899	SLU_ENV	Min	0.	304.6883	42.8964	-15.1603
153	153	900	SLU_ENV	Min	0.	314.5034	42.3922	0.8629
153	153	885	SLU_ENV	Min	0.	309.8968	68.9227	-1.6711
153	153	884	SLV_Ex		175.71	176.1623	61.9143	-1.9334
153	153	899	SLV_Ex		178.16	184.7654	61.545	11.8437
153	153	900	SLV_Ex		178.41	309.7786	71.2229	5.055
153	153	885	SLV_Ex		176.	300.6811	71.979	-8.7221
154	154	885	SLU_ENV	Max	0.	679.1739	123.9659	2.7636
154	154	900	SLU_ENV	Max	0.	650.9334	105.7524	-0.3689
154	154	901	SLU_ENV	Max	0.	628.9077	104.9018	15.8215
154	154	886	SLU_ENV	Max	0.	656.9227	124.5637	19.6529
154	154	885	SLU_ENV	Min	0.	309.8153	68.9068	0.9419
154	154	900	SLU_ENV	Min	0.	314.4249	42.3706	-1.7645
154	154	901	SLU_ENV	Min	0.	304.9562	43.1638	-6.9572
154	154	886	SLU_ENV	Min	0.	300.2572	68.4723	-4.9497
154	154	885	SLV_Ex		170.46	308.257	73.9504	-7.7643
154	154	900	SLV_Ex		171.96	307.7089	70.3527	4.1136
154	154	901	SLV_Ex		172.24	410.1257	77.5361	3.7177
154	154	886	SLV_Ex		170.79	410.0638	81.6105	-8.1602
155	155	886	SLU_ENV	Max	0.	652.069	121.748	20.1455
155	155	901	SLU_ENV	Max	0.	628.3465	104.7421	15.2599
155	155	902	SLU_ENV	Max	0.	562.0721	95.844	29.8535
155	155	887	SLU_ENV	Max	0.	585.9709	113.7534	34.7391
155	155	886	SLU_ENV	Min	0.	300.9639	68.7831	-5.9001
155	155	901	SLU_ENV	Min	0.	305.258	44.9471	-6.0588
155	155	902	SLU_ENV	Min	0.	276.1004	40.4533	-11.9865
155	155	887	SLU_ENV	Min	0.	271.9093	63.1362	-11.8278
155	155	886	SLV_Ex		164.37	409.693	83.0679	-7.0359
155	155	901	SLV_Ex		165.37	414.4948	76.8783	2.5934
155	155	902	SLV_Ex		165.41	493.7864	81.8873	-2.2562
155	155	887	SLV_Ex		164.43	488.353	88.5732	-11.8855



Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
156	156	887	SLU_ENV	Max	0.	577.0331	109.0401	37.5868
156	156	902	SLU_ENV	Max	0.	561.9741	95.5267	27.0421
156	156	903	SLU_ENV	Max	0.	455.9731	84.274	35.9188
156	156	888	SLU_ENV	Max	0.	470.7589	100.7406	46.4634
156	156	887	SLU_ENV	Min	0.	273.1593	63.7811	-10.0715
156	156	902	SLU_ENV	Min	0.	276.9932	43.4603	-13.6981
156	156	903	SLU_ENV	Min	0.	228.7323	39.2357	-19.3424
156	156	888	SLU_ENV	Min	0.	224.8077	56.828	-15.7157
156	156	887	SLV_Ex		157.26	495.0704	90.8533	-11.9678
156	156	902	SLV_Ex		157.54	492.0228	80.598	-2.1934
156	156	903	SLV_Ex		157.57	547.4907	80.7335	-1.6747
156	156	888	SLV_Ex		157.31	549.9932	91.4223	-11.4491
157	157	888	SLU_ENV	Max	0.	463.0997	96.0331	44.4657
157	157	903	SLU_ENV	Max	0.	455.0423	83.7002	37.8462
157	157	904	SLU_ENV	Max	0.	312.6605	63.3935	42.2191
157	157	889	SLU_ENV	Max	0.	320.9115	74.9055	48.8386
157	157	888	SLU_ENV	Min	0.	227.1816	57.8939	-17.1628
157	157	903	SLU_ENV	Min	0.	229.7465	42.4108	-17.9437
157	157	904	SLU_ENV	Min	0.	162.1263	29.0248	-22.2386
157	157	889	SLU_ENV	Min	0.	159.6444	45.0853	-21.4577
157	157	888	SLV_Ex		149.19	549.2754	93.1062	-8.1517
157	157	903	SLV_Ex		148.93	549.7417	79.3563	-4.9208
157	157	904	SLV_Ex		148.34	581.8091	81.7846	-7.7515
157	157	889	SLV_Ex		148.59	580.4324	96.2471	-10.9824
158	158	889	SLU_ENV	Max	0.	316.3489	73.5624	49.9722
158	158	904	SLU_ENV	Max	0.	311.5705	62.5351	41.1275
158	158	905	SLU_ENV	Max	0.	136.3528	38.0193	43.0045
158	158	890	SLU_ENV	Max	0.	140.8746	49.2585	51.8492
158	158	889	SLU_ENV	Min	0.	163.1436	44.3137	-20.6056
158	158	904	SLU_ENV	Min	0.	163.5413	31.8504	-23.0358
158	158	905	SLU_ENV	Min	0.	77.3791	16.3104	-25.325
158	158	890	SLU_ENV	Min	0.	76.8237	28.8515	-22.8947
158	158	889	SLV_Ex		140.12	581.7361	98.0405	-11.3372
158	158	904	SLV_Ex		138.57	579.1118	79.7125	-7.4286
158	158	905	SLV_Ex		138.62	586.7215	76.5834	-8.5522
158	158	890	SLV_Ex		140.17	588.5692	95.5231	-12.4608
159	159	890	SLU_ENV	Max	0.	135.3727	52.2443	49.475
159	159	905	SLU_ENV	Max	0.	137.6314	36.8737	45.3221
159	159	906	SLU_ENV	Max	0.	-25.2105	3.1094	42.529
159	159	891	SLU_ENV	Max	0.	-24.5687	18.5827	46.682
159	159	890	SLU_ENV	Min	0.	80.1341	24.4045	-24.5187
159	159	905	SLU_ENV	Min	0.	79.4303	19.1447	-23.7332
159	159	906	SLU_ENV	Min	0.	-69.5287	-5.6171	-25.211
159	159	891	SLU_ENV	Min	0.	-71.6687	-0.5193	-25.9965
159	159	890	SLV_Ex		131.32	586.7204	96.9164	-8.6222
159	159	905	SLV_Ex		129.68	582.9472	74.0655	-12.3038
159	159	906	SLV_Ex		129.44	567.2567	74.2695	-13.512
159	159	891	SLV_Ex		131.05	569.6318	98.2038	-9.8303
160	160	891	SLU_ENV	Max	0.	-19.2031	22.1524	46.4949
160	160	906	SLU_ENV	Max	0.	-24.9656	1.4729	42.7488
160	160	907	SLU_ENV	Max	0.	-147.3701	-24.3825	39.8682
160	160	892	SLU_ENV	Max	0.	-141.9407	-10.864	43.6143
160	160	891	SLU_ENV	Min	0.	-72.0098	-4.5059	-26.2178
160	160	906	SLU_ENV	Min	0.	-71.3742	-2.8788	-24.9317

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
160	160	907	SLU_ENV	Min	0.	-308.2473	-46.3237	-21.3021
160	160	892	SLU_ENV	Min	0.	-309.1346	-40.3619	-22.5882
160	160	891	SLV_Ex		122.63	563.0527	98.8696	-9.8609
160	160	906	SLV_Ex		120.76	563.053	71.4471	-13.485
160	160	907	SLV_Ex		121.65	523.7667	66.8402	-18.2791
160	160	892	SLV_Ex		123.51	522.2838	95.4059	-14.6549
161	161	892	SLU_ENV	Max	0.	-140.8217	-9.0703	42.1955
161	161	907	SLU_ENV	Max	0.	-145.5953	-25.5975	41.2627
161	161	190	SLU_ENV	Max	0.	-285.8419	-55.3667	30.1133
161	161	163	SLU_ENV	Max	0.	-281.4861	-38.5024	31.0461
161	161	892	SLU_ENV	Min	0.	-318.4586	-44.0813	-23.1479
161	161	907	SLU_ENV	Min	0.	-304.7201	-43.7636	-20.735
161	161	190	SLU_ENV	Min	0.	-571.3239	-97.0749	-19.0695
161	161	163	SLU_ENV	Min	0.	-585.205	-97.3257	-21.4825
161	161	892	SLV_Ex		114.98	521.7849	96.2307	-13.219
161	161	907	SLV_Ex		114.28	513.2752	63.8173	-19.6274
161	161	190	SLV_Ex		114.58	452.1066	57.5633	-19.0221
161	161	163	SLV_Ex		115.29	458.4631	91.6208	-12.6136
162	162	451	SLU_ENV	Max	0.	-286.7004	-42.9052	16.0212
162	162	469	SLU_ENV	Max	0.	-296.4617	-62.1711	12.9739
162	162	908	SLU_ENV	Max	0.	-152.8179	-31.2299	20.4771
162	162	893	SLU_ENV	Max	0.	-142.5934	-12.3311	23.5244
162	162	451	SLU_ENV	Min	0.	-571.4242	-97.5584	-33.581
162	162	469	SLU_ENV	Min	0.	-569.9095	-101.8599	-31.4254
162	162	908	SLU_ENV	Min	0.	-309.5266	-50.8217	-35.9023
162	162	893	SLU_ENV	Min	0.	-310.7118	-46.7198	-38.0579
162	162	451	SLV_Ex		254.67	-1246.1006	-201.6634	-7.136
162	162	469	SLV_Ex		255.19	-1266.7295	-205.0247	-20.7795
162	162	908	SLV_Ex		247.6	-996.4164	-136.6353	-6.0732
162	162	893	SLV_Ex		247.	-976.7295	-132.5587	7.5704
163	163	893	SLU_ENV	Max	0.	-148.843	-14.7153	21.9481
163	163	908	SLU_ENV	Max	0.	-153.7462	-30.2813	22.1201
163	163	909	SLU_ENV	Max	0.	-27.349	-5.1895	24.4369
163	163	894	SLU_ENV	Max	0.	-22.3138	16.1602	24.2648
163	163	893	SLU_ENV	Min	0.	-308.2141	-43.4828	-39.5976
163	163	908	SLU_ENV	Min	0.	-306.785	-53.011	-34.3328
163	163	909	SLU_ENV	Min	0.	-74.1339	-12.3337	-37.778
163	163	894	SLU_ENV	Min	0.	-75.6161	-8.6433	-43.0429
163	163	893	SLV_Ex		234.93	-991.7172	-135.2371	3.1037
163	163	908	SLV_Ex		236.45	-1002.7968	-138.2305	-1.5349
163	163	909	SLV_Ex		230.69	-751.909	-83.7508	5.7989
163	163	894	SLV_Ex		229.13	-742.2215	-79.7176	10.4376
164	164	894	SLU_ENV	Max	0.	-27.2056	11.9244	23.5852
164	164	909	SLU_ENV	Max	0.	-31.2796	-4.2842	25.1088
164	164	910	SLU_ENV	Max	0.	127.8202	25.8148	27.2408
164	164	895	SLU_ENV	Max	0.	133.9903	44.2028	25.7172
164	164	894	SLU_ENV	Min	0.	-69.2718	-4.5561	-44.6433
164	164	909	SLU_ENV	Min	0.	-75.3275	-13.8248	-36.21
164	164	910	SLU_ENV	Min	0.	77.1301	7.5104	-34.4222
164	164	895	SLU_ENV	Min	0.	81.3154	14.4226	-42.8555
164	164	894	SLV_Ex		217.89	-749.7482	-82.678	8.1312
164	164	909	SLV_Ex		217.98	-763.9087	-84.6958	8.0219
164	164	910	SLV_Ex		214.07	-531.8666	-38.667	18.0625
164	164	895	SLV_Ex		213.87	-518.5827	-36.0119	18.1717

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
165	165	895	SLU_ENV	Max	0.	137.2305	40.0165	25.085
165	165	910	SLU_ENV	Max	0.	130.7275	27.1421	27.9297
165	165	911	SLU_ENV	Max	0.	302.1955	52.016	26.7335
165	165	896	SLU_ENV	Max	0.	308.4098	65.0352	23.8888
165	165	895	SLU_ENV	Min	0.	75.2142	18.0627	-43.1496
165	165	910	SLU_ENV	Min	0.	74.4562	6.2039	-34.0919
165	165	911	SLU_ENV	Min	0.	163.968	20.2262	-31.3252
165	165	896	SLU_ENV	Min	0.	164.5791	32.2711	-40.3829
165	165	895	SLV_Ex		204.68	-527.7438	-38.9595	14.7428
165	165	910	SLV_Ex		209.93	-536.9354	-38.5653	21.5843
165	165	911	SLV_Ex		208.84	-324.8969	-4.384	27.9816
165	165	896	SLV_Ex		203.5	-317.141	-3.7106	21.1401
166	166	896	SLU_ENV	Max	0.	314.8005	61.9742	22.8039
166	166	911	SLU_ENV	Max	0.	306.6357	53.1095	27.7795
166	166	912	SLU_ENV	Max	0.	443.3174	69.5378	23.3155
166	166	897	SLU_ENV	Max	0.	451.556	78.403	18.3399
166	166	896	SLU_ENV	Min	0.	160.0296	36.3454	-41.968
166	166	911	SLU_ENV	Min	0.	162.5419	19.0904	-29.7935
166	166	912	SLU_ENV	Min	0.	232.2601	25.167	-24.9735
166	166	897	SLU_ENV	Min	0.	229.7306	42.3933	-37.148
166	166	896	SLV_Ex		197.09	-323.6041	-5.1381	17.6007
166	166	911	SLV_Ex		204.09	-321.2571	-3.5212	31.4255
166	166	912	SLV_Ex		203.59	-131.1698	18.946	29.5334
166	166	897	SLV_Ex		196.61	-134.3412	17.945	15.7086
167	167	897	SLU_ENV	Max	0.	459.0849	76.2468	19.9896
167	167	912	SLU_ENV	Max	0.	446.4299	70.0881	21.699
167	167	913	SLU_ENV	Max	0.	547.1188	83.8108	15.8843
167	167	898	SLU_ENV	Max	0.	559.5211	90.1582	14.1748
167	167	897	SLU_ENV	Min	0.	226.6283	46.4239	-34.9118
167	167	912	SLU_ENV	Min	0.	230.4835	23.8949	-27.1814
167	167	913	SLU_ENV	Min	0.	280.5967	29.7611	-19.2243
167	167	898	SLU_ENV	Min	0.	276.5712	52.4401	-26.9547
167	167	897	SLV_Ex		190.95	-132.8581	17.8422	17.1883
167	167	912	SLV_Ex		197.36	-132.4717	19.085	28.1111
167	167	913	SLV_Ex		197.01	36.4176	40.3167	27.4937
167	167	898	SLV_Ex		190.66	34.8547	39.9608	16.5709
168	168	898	SLU_ENV	Max	0.	565.9379	88.779	13.2798
168	168	913	SLU_ENV	Max	0.	549.8295	84.1269	16.7301
168	168	914	SLU_ENV	Max	0.	611.1998	89.7673	9.5541
168	168	899	SLU_ENV	Max	0.	627.4285	94.4049	6.1038
168	168	898	SLU_ENV	Min	0.	274.3443	55.8173	-27.219
168	168	913	SLU_ENV	Min	0.	279.6007	28.6278	-19.0166
168	168	914	SLU_ENV	Min	0.	309.5878	28.5595	-8.3808
168	168	899	SLU_ENV	Min	0.	304.3379	55.6863	-16.5833
168	168	898	SLV_Ex		184.8	33.0407	40.1114	14.1689
168	168	913	SLV_Ex		190.16	40.6708	40.654	29.8311
168	168	914	SLV_Ex		190.12	186.7695	52.3551	23.7963
168	168	899	SLV_Ex		184.81	178.3658	52.401	8.1341
169	169	899	SLU_ENV	Max	0.	631.7409	93.7533	8.2016
169	169	914	SLU_ENV	Max	0.	612.3202	89.8759	7.478
169	169	915	SLU_ENV	Max	0.	633.5159	93.8012	0.7504
169	169	900	SLU_ENV	Max	0.	652.7544	97.7914	0.6951
169	169	899	SLU_ENV	Min	0.	303.3603	57.6761	-12.8965
169	169	914	SLU_ENV	Min	0.	308.9144	27.869	-12.0443

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
169	169	915	SLU_ENV	Min	0.	319.1626	29.9431	-0.0285
169	169	900	SLU_ENV	Min	0.	313.511	59.8545	-0.1018
169	169	899	SLV_Ex		178.87	184.4857	53.7103	9.6457
169	169	914	SLV_Ex		182.89	186.7915	52.2742	22.3068
169	169	915	SLV_Ex		182.88	310.4404	62.697	19.9413
169	169	900	SLV_Ex		178.93	307.214	64.8359	7.2803
170	170	900	SLU_ENV	Max	0.	652.6222	97.7754	0.7811
170	170	915	SLU_ENV	Max	0.	633.4309	93.7822	0.6085
170	170	916	SLU_ENV	Max	0.	612.8369	90.0804	12.5755
170	170	901	SLU_ENV	Max	0.	632.2021	93.9658	13.545
170	170	900	SLU_ENV	Min	0.	313.4351	59.8392	0.0059
170	170	915	SLU_ENV	Min	0.	319.1136	29.925	-0.1883
170	170	916	SLU_ENV	Min	0.	309.2035	28.0686	-6.9298
170	170	901	SLU_ENV	Min	0.	303.6179	57.8834	-7.5324
170	170	900	SLV_Ex		172.44	308.199	65.9963	7.1977
170	170	915	SLV_Ex		175.66	315.7154	62.7885	19.9954
170	170	916	SLV_Ex		175.69	415.9838	68.4712	13.486
170	170	901	SLV_Ex		172.51	407.7097	72.2628	0.6883
171	171	901	SLU_ENV	Max	0.	627.6747	94.591	17.2232
171	171	916	SLU_ENV	Max	0.	611.5118	89.9305	8.9205
171	171	917	SLU_ENV	Max	0.	550.7495	84.4959	19.5118
171	171	902	SLU_ENV	Max	0.	566.785	89.1754	27.8145
171	171	901	SLU_ENV	Min	0.	304.4719	55.8685	-5.4434
171	171	916	SLU_ENV	Min	0.	309.7591	28.7197	-8.9972
171	171	917	SLU_ENV	Min	0.	280.1138	28.9886	-16.2186
171	171	902	SLU_ENV	Min	0.	274.8159	56.2045	-12.6648
171	171	901	SLV_Ex		165.6	415.5372	74.3723	1.411
171	171	916	SLV_Ex		168.05	417.0952	68.1494	12.7546
171	171	917	SLV_Ex		168.04	493.6496	70.6973	10.3149
171	171	902	SLV_Ex		165.62	491.3626	77.4856	-1.0288
172	172	902	SLU_ENV	Max	0.	560.1147	90.531	27.5518
172	172	917	SLU_ENV	Max	0.	547.8662	84.1347	19.718
172	172	918	SLU_ENV	Max	0.	447.8018	70.6241	27.5749
172	172	903	SLU_ENV	Max	0.	460.2948	76.8368	35.4087
172	172	902	SLU_ENV	Min	0.	276.8974	52.8048	-13.5579
172	172	917	SLU_ENV	Min	0.	281.0104	30.0788	-15.3746
172	172	918	SLU_ENV	Min	0.	231.2485	24.4188	-21.2921
172	172	903	SLU_ENV	Min	0.	227.3009	46.9999	-19.4754
172	172	902	SLV_Ex		157.73	493.8627	79.3764	0.9479
172	172	917	SLV_Ex		160.1	499.2075	70.4181	8.3495
172	172	918	SLV_Ex		159.74	551.8487	72.4416	2.5817
172	172	903	SLV_Ex		157.37	545.6695	82.0491	-4.8199
173	173	903	SLU_ENV	Max	0.	452.559	78.9826	37.622
173	173	918	SLU_ENV	Max	0.	444.4862	70.0181	25.3894
173	173	919	SLU_ENV	Max	0.	308.4423	53.7538	30.0955
173	173	904	SLU_ENV	Max	0.	316.4354	62.7217	42.3282
173	173	903	SLU_ENV	Min	0.	230.2844	42.9596	-17.8493
173	173	918	SLU_ENV	Min	0.	232.9085	25.6377	-22.8855
173	173	919	SLU_ENV	Min	0.	163.5491	19.7206	-27.4663
173	173	904	SLU_ENV	Min	0.	160.9387	37.0751	-22.4301
173	173	903	SLV_Ex		148.7	552.7763	84.6597	-4.7938
173	173	918	SLV_Ex		150.61	553.7595	71.6345	2.5302
173	173	919	SLV_Ex		150.26	581.6767	68.8581	-0.5012
173	173	904	SLV_Ex		148.36	579.9691	82.4538	-7.8252

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
174	174	904	SLU_ENV	Max	0.	309.8234	65.7848	40.7415
174	174	919	SLU_ENV	Max	0.	303.8228	52.5936	31.6291
174	174	920	SLU_ENV	Max	0.	133.0113	27.8819	34.2421
174	174	905	SLU_ENV	Max	0.	139.2915	40.9345	43.3545
174	174	904	SLU_ENV	Min	0.	165.3613	33.0031	-23.5165
174	174	919	SLU_ENV	Min	0.	164.8724	20.7926	-26.4186
174	174	920	SLU_ENV	Min	0.	75.7301	6.9277	-27.7728
174	174	905	SLU_ENV	Min	0.	76.3607	18.9582	-24.8707
174	174	904	SLV_Ex		138.59	582.8601	84.9909	-4.9786
174	174	919	SLV_Ex		139.96	586.8244	67.9287	-3.2937
174	174	920	SLV_Ex		138.85	590.6504	66.3026	-9.3686
174	174	905	SLV_Ex		137.47	585.5607	84.2429	-11.0535
175	175	905	SLU_ENV	Max	0.	135.8455	45.1387	43.0446
175	175	920	SLU_ENV	Max	0.	129.8874	26.469	34.5878
175	175	921	SLU_ENV	Max	0.	-29.7592	-3.7273	36.2072
175	175	906	SLU_ENV	Max	0.	-25.8115	12.9927	44.664
175	175	905	SLU_ENV	Min	0.	82.3442	15.3355	-25.5194
175	175	920	SLU_ENV	Min	0.	78.2805	8.1519	-27.0677
175	175	921	SLU_ENV	Min	0.	-72.6031	-12.8353	-25.1092
175	175	906	SLU_ENV	Min	0.	-66.7673	-3.5139	-23.561
175	175	905	SLV_Ex		128.52	588.19	86.7452	-9.7365
175	175	920	SLV_Ex		126.76	591.4456	64.4853	-10.7054
175	175	921	SLV_Ex		127.27	570.8414	60.8949	-17.0134
175	175	906	SLV_Ex		129.03	566.4975	84.0074	-16.0445
176	176	906	SLU_ENV	Max	0.	-21.0171	17.2664	43.0574
176	176	921	SLU_ENV	Max	0.	-25.9759	-4.7091	37.7821
176	176	922	SLU_ENV	Max	0.	-152.013	-29.725	34.191
176	176	907	SLU_ENV	Max	0.	-147.1949	-13.8408	39.4663
176	176	906	SLU_ENV	Min	0.	-73.283	-7.5645	-24.2469
176	176	921	SLU_ENV	Min	0.	-71.6684	-11.4772	-24.4304
176	176	922	SLU_ENV	Min	0.	-303.6801	-52.0191	-22.2643
176	176	907	SLU_ENV	Min	0.	-305.2558	-41.9414	-22.0809
176	176	906	SLV_Ex		120.33	569.3604	86.6087	-14.1309
176	176	921	SLV_Ex		119.45	567.418	58.1815	-18.8453
176	176	922	SLV_Ex		120.73	523.5799	53.7452	-22.4156
176	176	907	SLV_Ex		121.62	523.8222	83.4933	-17.7012
177	177	907	SLU_ENV	Max	0.	-141.0629	-11.4198	37.9253
177	177	922	SLU_ENV	Max	0.	-151.2247	-30.7619	35.7621
177	177	217	SLU_ENV	Max	0.	-294.5361	-61.637	31.1254
177	177	190	SLU_ENV	Max	0.	-284.849	-41.9181	33.2885
177	177	907	SLU_ENV	Min	0.	-307.961	-45.1155	-23.6589
177	177	922	SLU_ENV	Min	0.	-306.6682	-49.9837	-20.6193
177	177	217	SLU_ENV	Min	0.	-566.4605	-100.9032	-13.2818
177	177	190	SLU_ENV	Min	0.	-568.1023	-95.819	-16.3214
177	177	907	SLV_Ex		114.22	520.8831	85.4631	-16.3211
177	177	922	SLV_Ex		113.63	520.7424	50.62	-23.7704
177	177	217	SLV_Ex		115.55	455.3897	44.7355	-29.8023
177	177	190	SLV_Ex		116.13	453.5387	81.117	-22.3529
178	178	469	SLU_ENV	Max	0.	-294.3467	-42.7625	15.6039
178	178	487	SLU_ENV	Max	0.	-300.7695	-63.4119	14.7391
178	178	923	SLU_ENV	Max	0.	-154.1532	-33.8679	17.1126
178	178	908	SLU_ENV	Max	0.	-147.4114	-13.0314	17.9774
178	178	469	SLU_ENV	Min	0.	-564.5306	-90.003	-29.9506
178	178	487	SLU_ENV	Min	0.	-558.2257	-104.0905	-26.0338

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
178	178	923	SLU_ENV	Min	0.	-304.9653	-56.9012	-33.3353
178	178	908	SLU_ENV	Min	0.	-311.0474	-43.3881	-37.2521
178	178	469	SLV_Ex		257.82	-1261.1679	-184.5302	-13.6977
178	178	487	SLV_Ex		264.54	-1264.4734	-192.9683	-24.4936
178	178	923	SLV_Ex		254.84	-996.3973	-128.2832	-23.8068
178	178	908	SLV_Ex		247.67	-994.3296	-118.8873	-13.0108
179	179	908	SLU_ENV	Max	0.	-153.5025	-16.8265	18.6221
179	179	923	SLU_ENV	Max	0.	-165.1407	-35.9319	16.4961
179	179	924	SLU_ENV	Max	0.	-33.452	-8.1575	25.9539
179	179	909	SLU_ENV	Max	0.	-21.7002	17.0863	28.0799
179	179	908	SLU_ENV	Min	0.	-303.5762	-41.7018	-37.9253
179	179	923	SLU_ENV	Min	0.	-316.2748	-56.9119	-32.6671
179	179	924	SLU_ENV	Min	0.	-85.5146	-15.6318	-28.7818
179	179	909	SLU_ENV	Min	0.	-72.7148	-6.7712	-34.04
179	179	908	SLV_Ex		236.62	-1000.1667	-122.8083	-10.912
179	179	923	SLV_Ex		227.9	-1037.7004	-133.7902	-25.9529
179	179	924	SLV_Ex		218.39	-782.2585	-66.8537	0.3797
179	179	909	SLV_Ex		226.94	-745.7348	-55.1517	15.4206
180	180	909	SLU_ENV	Max	0.	-31.7493	9.8335	23.2786
180	180	924	SLU_ENV	Max	0.	-39.3722	-6.7486	30.8399
180	180	925	SLU_ENV	Max	0.	117.2681	16.6296	36.6661
180	180	910	SLU_ENV	Max	0.	128.9374	37.172	29.1048
180	180	909	SLU_ENV	Min	0.	-72.6851	-4.5226	-37.6435
180	180	924	SLU_ENV	Min	0.	-84.7876	-15.079	-25.1303
180	180	925	SLU_ENV	Min	0.	73.8059	2.2484	-20.4212
180	180	910	SLU_ENV	Min	0.	81.1592	9.3283	-32.9345
180	180	909	SLV_Ex		214.23	-761.6241	-60.9277	1.4249
180	180	924	SLV_Ex		224.1	-794.5418	-66.7123	14.5148
180	180	925	SLV_Ex		224.41	-558.2303	-34.6942	37.7659
180	180	910	SLV_Ex		214.02	-527.1732	-27.5458	24.6761
181	181	910	SLU_ENV	Max	0.	132.9267	32.0266	28.5639
181	181	925	SLU_ENV	Max	0.	127.6807	19.1503	37.1761
181	181	926	SLU_ENV	Max	0.	296.2838	38.6782	34.8117
181	181	911	SLU_ENV	Max	0.	301.3892	51.7266	26.1994
181	181	910	SLU_ENV	Min	0.	73.3097	12.3465	-34.0022
181	181	925	SLU_ENV	Min	0.	73.5136	3.1069	-19.3941
181	181	926	SLU_ENV	Min	0.	166.1056	10.2373	-16.6894
181	181	911	SLU_ENV	Min	0.	165.7288	19.524	-31.2975
181	181	910	SLV_Ex		210.05	-536.369	-29.8904	22.6927
181	181	925	SLV_Ex		223.31	-543.0806	-31.1587	39.6445
181	181	926	SLV_Ex		223.33	-329.4761	-7.5701	44.0263
181	181	911	SLV_Ex		210.09	-323.9383	-5.4339	27.0745
182	182	911	SLU_ENV	Max	0.	308.6275	48.2475	27.8553
182	182	926	SLU_ENV	Max	0.	302.1432	39.7619	33.1844
182	182	927	SLU_ENV	Max	0.	436.1259	56.3314	28.5779
182	182	912	SLU_ENV	Max	0.	442.2106	65.1646	23.2489
182	182	911	SLU_ENV	Min	0.	160.9423	22.7897	-29.4468
182	182	926	SLU_ENV	Min	0.	163.4714	10.5024	-18.5163
182	182	927	SLU_ENV	Min	0.	235.567	16.9885	-14.3641
182	182	912	SLU_ENV	Min	0.	232.7264	29.4605	-25.2946
182	182	911	SLV_Ex		205.3	-321.7269	-6.02	28.6722
182	182	926	SLV_Ex		216.39	-327.4503	-6.1367	42.4905
182	182	927	SLV_Ex		216.01	-135.6385	16.3381	46.133
182	182	912	SLV_Ex		204.96	-131.4663	17.613	32.3147

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
183	183	912	SLU_ENV	Max	0.	448.844	62.7801	22.5831
183	183	927	SLU_ENV	Max	0.	442.0735	56.9779	29.1992
183	183	928	SLU_ENV	Max	0.	538.9429	65.7181	21.6796
183	183	913	SLU_ENV	Max	0.	545.6265	71.6919	15.0635
183	183	912	SLU_ENV	Min	0.	228.7807	32.532	-25.7938
183	183	927	SLU_ENV	Min	0.	234.1529	17.0992	-13.9075
183	183	928	SLU_ENV	Min	0.	285.4085	17.619	-8.6452
183	183	913	SLU_ENV	Min	0.	279.8813	33.0682	-20.5314
183	183	912	SLV_Ex		198.71	-132.9147	17.2753	29.6582
183	183	927	SLV_Ex		207.11	-128.7519	17.7634	48.7255
183	183	928	SLV_Ex		206.84	39.8311	30.064	45.1472
183	183	913	SLV_Ex		198.46	34.5225	30.4363	26.0799
184	184	913	SLU_ENV	Max	0.	551.6953	70.271	17.4489
184	184	928	SLU_ENV	Max	0.	542.6804	65.9783	19.2984
184	184	929	SLU_ENV	Max	0.	601.9545	73.51	10.6707
184	184	914	SLU_ENV	Max	0.	610.7153	78.0236	8.8212
184	184	913	SLU_ENV	Min	0.	277.634	35.5445	-17.2055
184	184	928	SLU_ENV	Min	0.	284.0837	17.5502	-11.9565
184	184	929	SLU_ENV	Min	0.	315.0018	20.06	-4.9501
184	184	914	SLU_ENV	Min	0.	308.3599	38.1757	-10.1992
184	184	913	SLV_Ex		191.57	39.5878	31.1513	28.1803
184	184	928	SLV_Ex		197.7	42.3614	30.8681	43.0681
184	184	929	SLV_Ex		197.33	188.4211	43.1658	40.3652
184	184	914	SLV_Ex		191.25	184.3643	44.4168	25.4775
185	185	914	SLU_ENV	Max	0.	613.8917	77.3259	8.4672
185	185	929	SLU_ENV	Max	0.	604.0777	73.6177	10.971
185	185	930	SLU_ENV	Max	0.	623.8706	74.1064	2.742
185	185	915	SLU_ENV	Max	0.	633.7535	77.8107	-0.6073
185	185	914	SLU_ENV	Min	0.	307.1155	39.5396	-9.5534
185	185	929	SLU_ENV	Min	0.	314.4281	19.9824	-5.6398
185	185	930	SLU_ENV	Min	0.	324.7085	18.5265	0.9969
185	185	915	SLU_ENV	Min	0.	317.3974	38.0377	-2.0711
185	185	914	SLV_Ex		184.	186.0938	45.1517	24.6457
185	185	929	SLV_Ex		188.57	194.4681	43.9862	41.1532
185	185	930	SLV_Ex		188.39	316.9438	49.9323	34.1888
185	185	915	SLV_Ex		183.84	307.5486	51.8718	17.6812
186	186	915	SLU_ENV	Max	0.	633.6784	77.8021	2.7812
186	186	930	SLU_ENV	Max	0.	623.8006	74.0915	-0.6275
186	186	931	SLU_ENV	Max	0.	604.5865	73.7491	6.1311
186	186	916	SLU_ENV	Max	0.	614.3856	77.4695	10.0965
186	186	915	SLU_ENV	Min	0.	317.3543	38.0295	1.0155
186	186	930	SLU_ENV	Min	0.	324.6682	18.5123	-2.0991
186	186	931	SLU_ENV	Min	0.	314.7126	20.1106	-10.4647
186	186	916	SLU_ENV	Min	0.	307.3916	39.6796	-7.9067
186	186	915	SLV_Ex		176.58	315.0046	53.488	19.169
186	186	930	SLV_Ex		180.02	320.1868	50.4559	32.6936
186	186	931	SLV_Ex		179.79	419.0652	54.9581	27.8765
186	186	916	SLV_Ex		176.4	412.8895	58.7467	14.3519
187	187	916	SLU_ENV	Max	0.	611.0307	78.1495	10.7432
187	187	931	SLU_ENV	Max	0.	602.3486	73.6118	5.4406
187	187	932	SLU_ENV	Max	0.	543.6537	66.2282	12.3938
187	187	917	SLU_ENV	Max	0.	552.5796	70.5513	17.6963
187	187	916	SLU_ENV	Min	0.	308.5336	38.2989	-8.2597
187	187	931	SLU_ENV	Min	0.	315.2202	20.1601	-10.1653

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
187	187	932	SLU_ENV	Min	0.	284.6271	17.7943	-18.8476
187	187	917	SLU_ENV	Min	0.	278.1268	35.8179	-16.942
187	187	916	SLV_Ex		168.74	416.9638	60.346	15.4724
187	187	931	SLV_Ex		171.98	425.8399	55.5285	26.7363
187	187	932	SLV_Ex		171.73	500.496	57.7067	18.8932
187	187	917	SLV_Ex		168.52	490.7231	63.2118	7.6293
188	188	917	SLU_ENV	Max	0.	546.3789	71.9633	21.0082
188	188	932	SLU_ENV	Max	0.	539.7893	65.935	9.0964
188	188	933	SLU_ENV	Max	0.	443.4933	57.311	14.2927
188	188	918	SLU_ENV	Max	0.	450.161	63.1732	26.2044
188	188	917	SLU_ENV	Min	0.	280.2984	33.3334	-14.5712
188	188	932	SLU_ENV	Min	0.	285.8791	17.8317	-21.2144
188	188	933	SLU_ENV	Min	0.	234.9451	17.425	-28.8017
188	188	918	SLU_ENV	Min	0.	229.5144	32.9157	-22.1585
188	188	917	SLV_Ex		160.56	499.8192	65.6829	8.282
188	188	932	SLV_Ex		163.95	505.2089	57.9973	18.2153
188	188	933	SLV_Ex		163.63	554.9651	56.7136	12.6324
188	188	918	SLV_Ex		160.28	548.8013	64.9988	2.6992
189	189	918	SLU_ENV	Max	0.	443.3927	65.5575	25.7062
189	189	933	SLU_ENV	Max	0.	437.4576	56.6285	14.7485
189	189	934	SLU_ENV	Max	0.	304.0412	40.1754	18.7953
189	189	919	SLU_ENV	Max	0.	310.3655	48.7634	29.753
189	189	918	SLU_ENV	Min	0.	233.3831	29.8443	-22.8233
189	189	933	SLU_ENV	Min	0.	236.3089	17.2802	-28.1814
189	189	934	SLU_ENV	Min	0.	164.5308	10.9072	-32.896
189	189	919	SLU_ENV	Min	0.	161.9104	23.2932	-27.5379
189	189	918	SLV_Ex		151.15	555.2658	67.7101	5.1298
189	189	933	SLV_Ex		155.88	563.4852	56.9991	10.2139
189	189	934	SLV_Ex		155.21	588.1985	55.9472	1.9774
189	189	919	SLV_Ex		150.49	579.0848	67.3548	-3.1067
190	190	919	SLU_ENV	Max	0.	303.0549	52.26	31.5808
190	190	934	SLU_ENV	Max	0.	298.0947	39.0485	16.9911
190	190	935	SLU_ENV	Max	0.	130.0327	19.5817	19.5836
190	190	920	SLU_ENV	Max	0.	135.1245	32.6272	34.1733
190	190	919	SLU_ENV	Min	0.	166.6562	20.0446	-25.9057
190	190	934	SLU_ENV	Min	0.	167.1157	10.6008	-34.4997
190	190	935	SLU_ENV	Min	0.	74.8266	3.5303	-36.9794
190	190	920	SLU_ENV	Min	0.	74.5347	12.9329	-28.3854
190	190	919	SLV_Ex		140.18	590.0318	71.1884	-3.0431
190	190	934	SLV_Ex		145.94	595.0899	55.6812	1.887
190	190	935	SLV_Ex		145.21	593.8349	49.6611	-4.6328
190	190	920	SLV_Ex		139.46	587.9929	65.7926	-9.563
191	191	920	SLU_ENV	Max	0.	131.0713	37.8077	33.0982
191	191	935	SLU_ENV	Max	0.	119.6122	17.0144	20.6187
191	191	936	SLU_ENV	Max	0.	-37.7793	-6.4495	25.1626
191	191	921	SLU_ENV	Max	0.	-30.2848	10.515	37.6422
191	191	920	SLU_ENV	Min	0.	82.3491	9.9487	-28.934
191	191	935	SLU_ENV	Min	0.	75.1157	2.6273	-36.4613
191	191	936	SLU_ENV	Min	0.	-81.9366	-14.5422	-30.8045
191	191	921	SLU_ENV	Min	0.	-70.0587	-3.8572	-23.2772
191	191	920	SLV_Ex		127.39	595.8072	70.2835	-7.7666
191	191	935	SLV_Ex		132.83	607.048	49.3757	-6.3639
191	191	936	SLV_Ex		130.68	580.7495	41.9676	-18.597
191	191	921	SLV_Ex		125.31	568.2361	63.8781	-19.9997



Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
192	192	921	SLU_ENV	Max	0.	-20.2605	17.8149	34.0598
192	192	936	SLU_ENV	Max	0.	-31.8981	-7.9055	28.7929
192	192	937	SLU_ENV	Max	0.	-163.338	-35.6291	32.5012
192	192	922	SLU_ENV	Max	0.	-151.8232	-16.2472	37.7681
192	192	921	SLU_ENV	Min	0.	-70.1359	-6.0605	-28.0576
192	192	936	SLU_ENV	Min	0.	-82.7363	-15.1772	-25.9395
192	192	937	SLU_ENV	Min	0.	-313.0495	-56.3637	-16.6638
192	192	922	SLU_ENV	Min	0.	-300.5656	-40.6771	-18.7819
192	192	921	SLV_Ex		117.5	573.787	67.9998	-14.7091
192	192	936	SLV_Ex		112.67	582.9252	39.3913	-23.9017
192	192	937	SLV_Ex		115.85	532.5334	38.7183	-35.7182
192	192	922	SLV_Ex		120.69	522.0969	68.357	-26.5256
193	193	922	SLU_ENV	Max	0.	-145.7155	-12.4044	37.0814
193	193	937	SLU_ENV	Max	0.	-152.4442	-33.5296	33.1837
193	193	244	SLU_ENV	Max	0.	-298.8634	-63.0491	25.783
193	193	217	SLU_ENV	Max	0.	-292.4681	-42.1085	29.6807
193	193	922	SLU_ENV	Min	0.	-308.0129	-42.2822	-18.151
193	193	937	SLU_ENV	Min	0.	-301.91	-56.5621	-17.2657
193	193	244	SLU_ENV	Min	0.	-554.8137	-103.7284	-14.9954
193	193	217	SLU_ENV	Min	0.	-561.1639	-88.845	-15.8807
193	193	922	SLV_Ex		113.38	529.754	72.4719	-27.2175
193	193	937	SLV_Ex		116.41	519.7743	33.583	-34.9365
193	193	244	SLV_Ex		121.98	447.2122	26.5415	-34.1294
193	193	217	SLV_Ex		119.37	455.1999	66.9932	-26.4104
194	194	487	SLU_ENV	Max	0.	-298.5241	-45.1141	6.136
194	194	505	SLU_ENV	Max	0.	-321.5842	-71.0476	-11.2978
194	194	938	SLU_ENV	Max	0.	-167.8594	-26.0193	2.2944
194	194	923	SLU_ENV	Max	0.	-144.5357	2.9233	25.8737
194	194	487	SLU_ENV	Min	0.	-552.3024	-85.8154	-32.6831
194	194	505	SLU_ENV	Min	0.	-575.8025	-123.7508	-49.9427
194	194	938	SLU_ENV	Min	0.	-323.5836	-49.5743	-37.6518
194	194	923	SLU_ENV	Min	0.	-299.7333	-15.1747	-26.5378
194	194	487	SLV_Ex		284.59	-1257.3018	-185.5007	-45.6548
194	194	505	SLV_Ex		245.04	-1320.3882	-213.0092	-120.976
194	194	938	SLV_Ex		202.28	-1048.4152	-76.9409	-77.7198
194	194	923	SLV_Ex		244.28	-986.1793	-48.8025	-2.3987
195	195	923	SLU_ENV	Max	0.	-165.5586	-8.2308	7.3994
195	195	938	SLU_ENV	Max	0.	-193.6002	-27.9308	20.9439
195	195	939	SLU_ENV	Max	0.	-51.1745	-12.1816	48.5926
195	195	924	SLU_ENV	Max	0.	-23.6824	17.2074	35.0481
195	195	923	SLU_ENV	Min	0.	-314.2636	-21.9671	-39.6335
195	195	938	SLU_ENV	Min	0.	-356.2776	-48.5139	-24.462
195	195	939	SLU_ENV	Min	0.	-117.8752	-20.1097	-6.6023
195	195	924	SLU_ENV	Min	0.	-76.641	-2.4602	-21.7738
195	195	923	SLV_Ex		217.31	-1032.1405	-65.7517	-50.3157
195	195	938	SLV_Ex		254.82	-1136.894	-86.8796	-29.5193
195	195	939	SLV_Ex		258.22	-869.7809	-57.4737	45.4651
195	195	924	SLV_Ex		219.48	-767.7292	-34.4464	24.6687
196	196	924	SLU_ENV	Max	0.	-40.3918	6.3142	33.3452
196	196	939	SLU_ENV	Max	0.	-43.6127	-7.0783	50.2569
196	196	940	SLU_ENV	Max	0.	118.5147	7.5973	51.1799
196	196	925	SLU_ENV	Max	0.	122.9124	25.2792	34.2683
196	196	924	SLU_ENV	Min	0.	-83.5004	-2.3216	-23.8114
196	196	939	SLU_ENV	Min	0.	-89.4277	-11.9705	-4.6114

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
196	196	940	SLU_ENV	Min	0.	71.1199	-1.9661	-2.4119
196	196	925	SLU_ENV	Min	0.	75.1169	3.8932	-21.6119
196	196	924	SLV_Ex		226.16	-791.82	-39.8679	20.8181
196	196	939	SLV_Ex		259.64	-807.9377	-44.5017	49.1294
196	196	940	SLV_Ex		260.51	-567.8485	-28.126	60.0268
196	196	925	SLV_Ex		227.04	-553.1366	-22.4608	31.7155
197	197	925	SLU_ENV	Max	0.	128.3991	19.9619	36.8501
197	197	940	SLU_ENV	Max	0.	123.0235	9.838	48.6354
197	197	941	SLU_ENV	Max	0.	291.9244	26.7652	46.9383
197	197	926	SLU_ENV	Max	0.	296.6641	37.5156	35.153
197	197	925	SLU_ENV	Min	0.	71.9522	6.3374	-19.498
197	197	940	SLU_ENV	Min	0.	71.7251	0.1536	-4.499
197	197	941	SLU_ENV	Min	0.	167.986	6.3766	-1.5407
197	197	926	SLU_ENV	Min	0.	167.6568	12.8003	-16.5397
197	197	925	SLV_Ex		225.84	-542.1164	-22.2312	36.0434
197	197	940	SLV_Ex		246.26	-559.0025	-24.3824	55.7847
197	197	941	SLV_Ex		245.75	-342.0891	-3.5335	67.4115
197	197	926	SLV_Ex		225.3	-327.1312	0.048	47.6702
198	198	926	SLU_ENV	Max	0.	302.8401	34.0017	34.5984
198	198	941	SLU_ENV	Max	0.	302.2209	27.9152	47.4549
198	198	942	SLU_ENV	Max	0.	434.4991	36.7711	40.0789
198	198	927	SLU_ENV	Max	0.	434.7245	43.3422	27.2224
198	198	926	SLU_ENV	Min	0.	161.5776	15.37	-17.1922
198	198	941	SLU_ENV	Min	0.	166.6823	7.9888	-0.9172
198	198	942	SLU_ENV	Min	0.	240.6449	8.1293	0.6701
198	198	927	SLU_ENV	Min	0.	235.1175	15.6314	-15.6049
198	198	926	SLV_Ex		218.37	-327.1114	-0.321	44.3585
198	198	941	SLV_Ex		230.76	-328.0925	-0.3612	70.6706
198	198	942	SLV_Ex		230.3	-135.5119	8.6197	70.7189
198	198	927	SLV_Ex		217.85	-136.1133	9.8429	44.4068
199	199	927	SLU_ENV	Max	0.	442.1032	41.2574	30.2197
199	199	942	SLU_ENV	Max	0.	441.5518	37.1929	37.0705
199	199	943	SLU_ENV	Max	0.	537.2997	45.9348	27.51
199	199	928	SLU_ENV	Max	0.	537.4065	50.463	20.6593
199	199	927	SLU_ENV	Min	0.	231.7034	18.1137	-12.3659
199	199	942	SLU_ENV	Min	0.	238.8927	9.163	-2.5628
199	199	943	SLU_ENV	Min	0.	291.5559	11.4721	-0.3655
199	199	928	SLU_ENV	Min	0.	283.9673	20.5926	-10.1686
199	199	927	SLV_Ex		208.97	-129.8621	10.4723	47.7045
199	199	942	SLV_Ex		216.75	-128.8471	10.5735	67.4406
199	199	943	SLV_Ex		216.03	40.8457	22.1011	65.9448
199	199	928	SLV_Ex		208.24	38.1259	23.2783	46.2087
200	200	928	SLU_ENV	Max	0.	542.7102	49.1653	20.765
200	200	943	SLU_ENV	Max	0.	542.6182	46.1394	27.3493
200	200	944	SLU_ENV	Max	0.	600.2651	48.6453	15.823
200	200	929	SLU_ENV	Max	0.	600.196	51.9053	9.2387
200	200	928	SLU_ENV	Min	0.	281.5337	22.4632	-9.7041
200	200	943	SLU_ENV	Min	0.	290.6036	12.142	-0.8624
200	200	944	SLU_ENV	Min	0.	321.9921	10.4031	1.6875
200	200	929	SLU_ENV	Min	0.	312.7206	20.7645	-7.1542
200	200	928	SLV_Ex		199.11	41.0655	23.7728	44.9847
200	200	943	SLV_Ex		203.97	48.7545	23.7763	67.124
200	200	944	SLV_Ex		203.49	194.6109	28.0522	60.6768
200	200	929	SLV_Ex		198.62	185.4899	29.1253	38.5375

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
201	201	929	SLU_ENV	Max	0.	603.3045	51.3106	12.3604
201	201	944	SLU_ENV	Max	0.	602.8652	48.7092	12.6737
201	201	945	SLU_ENV	Max	0.	622.5936	51.6203	0.8728
201	201	930	SLU_ENV	Max	0.	622.8791	54.3542	0.1171
201	201	929	SLU_ENV	Min	0.	311.6507	21.7934	-3.2152
201	201	944	SLU_ENV	Min	0.	321.4194	10.7183	-2.2506
201	201	945	SLU_ENV	Min	0.	332.0768	12.3503	0.2995
201	201	930	SLU_ENV	Min	0.	322.1946	23.4947	-0.2227
201	201	929	SLV_Ex		189.86	192.4592	30.2667	40.9552
201	201	944	SLV_Ex		192.9	200.1197	29.4064	58.2466
201	201	945	SLV_Ex		192.36	322.4925	34.3133	51.7177
201	201	930	SLV_Ex		189.34	313.4633	36.205	34.4263
202	202	930	SLU_ENV	Max	0.	622.8196	54.3475	0.8466
202	202	945	SLU_ENV	Max	0.	622.5563	51.6113	0.085
202	202	946	SLU_ENV	Max	0.	603.389	48.7874	2.7345
202	202	931	SLU_ENV	Max	0.	603.7939	51.3986	3.7014
202	202	930	SLU_ENV	Min	0.	322.1604	23.4884	0.2816
202	202	945	SLU_ENV	Min	0.	332.0552	12.3418	-0.2405
202	202	946	SLU_ENV	Min	0.	321.7124	10.7945	-12.1762
202	202	931	SLU_ENV	Min	0.	311.9241	21.879	-11.8594
202	202	930	SLV_Ex		180.97	318.3242	37.3476	35.0245
202	202	945	SLV_Ex		183.18	329.7593	35.5963	51.0808
202	202	946	SLV_Ex		182.79	427.8428	37.1063	41.6542
202	202	931	SLV_Ex		180.61	415.2596	39.7257	25.5978
203	203	931	SLU_ENV	Max	0.	600.5942	51.9836	7.6345
203	203	946	SLU_ENV	Max	0.	600.7078	48.7052	-1.1978
203	203	947	SLU_ENV	Max	0.	543.6142	46.2723	1.3194
203	203	932	SLU_ENV	Max	0.	543.6501	49.3236	10.1517
203	203	931	SLU_ENV	Min	0.	312.9416	20.8411	-8.7438
203	203	946	SLU_ENV	Min	0.	322.2384	10.4621	-15.3195
203	203	947	SLU_ENV	Min	0.	291.16	12.2718	-26.8792
203	203	932	SLU_ENV	Min	0.	282.0581	22.6176	-20.3036
203	203	931	SLV_Ex		172.77	424.043	41.5665	27.1039
203	203	946	SLV_Ex		174.77	434.0868	38.271	40.1169
203	203	947	SLV_Ex		174.35	507.4395	38.2439	31.5836
203	203	932	SLV_Ex		172.4	496.4158	42.2837	18.5706
204	204	932	SLU_ENV	Max	0.	538.2555	50.6157	10.619
204	204	947	SLU_ENV	Max	0.	538.2425	46.0498	0.8197
204	204	948	SLU_ENV	Max	0.	443.0336	37.3849	2.9525
204	204	933	SLU_ENV	Max	0.	443.4794	41.4944	12.7518
204	204	932	SLU_ENV	Min	0.	284.4398	20.742	-20.1949
204	204	947	SLU_ENV	Min	0.	292.0817	11.5852	-27.0429
204	204	948	SLU_ENV	Min	0.	239.7203	9.3507	-36.6696
204	204	933	SLU_ENV	Min	0.	232.4709	18.3448	-29.8215
204	204	932	SLV_Ex		164.61	503.9398	44.3638	20.6765
204	204	947	SLV_Ex		167.6	516.2976	39.4402	29.4531
204	204	948	SLV_Ex		167.22	564.3043	39.0318	18.9732
204	204	933	SLV_Ex		164.26	551.0874	44.6129	10.1966
205	205	933	SLU_ENV	Max	0.	436.0678	43.5859	15.9737
205	205	948	SLU_ENV	Max	0.	435.945	36.945	-0.2636
205	205	949	SLU_ENV	Max	0.	304.1736	28.1231	1.2497
205	205	934	SLU_ENV	Max	0.	304.6796	34.2859	17.4871
205	205	933	SLU_ENV	Min	0.	235.8667	15.8694	-26.8418
205	205	948	SLU_ENV	Min	0.	241.4522	8.3001	-39.6605

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
205	205	949	SLU_ENV	Min	0.	167.7726	8.1927	-47.1123
205	205	934	SLU_ENV	Min	0.	162.6038	15.6475	-34.2936
205	205	933	SLV_Ex		156.46	563.298	47.7688	10.691
205	205	948	SLV_Ex		161.46	573.4541	40.148	18.4409
205	205	949	SLV_Ex		161.02	594.9262	35.654	9.3063
205	205	934	SLV_Ex		156.12	584.1084	43.7907	1.5565
206	206	934	SLU_ENV	Max	0.	298.5022	37.8208	16.8387
206	206	949	SLU_ENV	Max	0.	293.9094	26.9569	1.8692
206	206	950	SLU_ENV	Max	0.	125.4684	10.0646	4.7207
206	206	935	SLU_ENV	Max	0.	130.6851	20.3096	19.6902
206	206	934	SLU_ENV	Min	0.	168.6835	13.0982	-34.844
206	206	949	SLU_ENV	Min	0.	169.0959	6.5655	-46.5998
206	206	950	SLU_ENV	Min	0.	73.0908	0.3766	-48.4063
206	206	935	SLU_ENV	Min	0.	73.2277	6.6771	-36.6505
206	206	934	SLV_Ex		146.85	596.4026	47.917	4.5267
206	206	949	SLV_Ex		156.6	609.339	36.8691	6.341
206	206	950	SLV_Ex		156.08	603.7212	33.401	-5.4528
206	206	935	SLV_Ex		146.41	590.0443	45.0356	-7.267
207	207	935	SLU_ENV	Max	0.	124.7962	25.6766	21.7745
207	207	950	SLU_ENV	Max	0.	120.4837	7.8052	2.6629
207	207	951	SLU_ENV	Max	0.	-41.9967	-6.9637	4.7677
207	207	936	SLU_ENV	Max	0.	-38.8431	6.6742	23.8792
207	207	935	SLU_ENV	Min	0.	76.9885	4.2811	-34.0993
207	207	950	SLU_ENV	Min	0.	73.075	-1.7608	-50.9204
207	207	951	SLU_ENV	Min	0.	-86.5352	-11.7596	-50.0945
207	207	936	SLU_ENV	Min	0.	-80.727	-1.9692	-33.2734
207	207	935	SLV_Ex		134.07	611.6731	52.0003	-8.2892
207	207	950	SLV_Ex		151.57	618.6306	33.744	-4.4601
207	207	951	SLV_Ex		150.72	584.0421	22.3432	-12.7586
207	207	936	SLV_Ex		133.38	576.4791	41.1167	-16.5877
208	208	936	SLU_ENV	Max	0.	-22.0727	17.6436	21.8291
208	208	951	SLU_ENV	Max	0.	-49.3546	-12.0695	6.7721
208	208	952	SLU_ENV	Max	0.	-191.6293	-27.8609	24.3661
208	208	937	SLU_ENV	Max	0.	-163.8098	-7.9786	39.4231
208	208	936	SLU_ENV	Min	0.	-73.7687	-2.0344	-34.9896
208	208	951	SLU_ENV	Min	0.	-114.632	-19.9032	-48.416
208	208	952	SLU_ENV	Min	0.	-352.7553	-48.4491	-21.0381
208	208	937	SLU_ENV	Min	0.	-311.1325	-21.5154	-7.6117
208	208	936	SLV_Ex		115.38	590.3732	50.6266	-15.3423
208	208	951	SLV_Ex		138.42	622.3632	23.2764	-13.8843
208	208	952	SLV_Ex		134.87	560.4552	8.5905	-42.8893
208	208	937	SLV_Ex		111.88	527.0142	37.1276	-44.3473
209	209	937	SLU_ENV	Max	0.	-142.7398	3.3495	26.4474
209	209	952	SLU_ENV	Max	0.	-165.9159	-26.0149	37.4359
209	209	271	SLU_ENV	Max	0.	-319.5583	-70.8904	49.3805
209	209	244	SLU_ENV	Max	0.	-296.6587	-44.6927	32.3716
209	209	937	SLU_ENV	Min	0.	-296.5299	-14.7583	-25.9645
209	209	952	SLU_ENV	Min	0.	-320.1238	-49.5767	-2.5102
209	209	271	SLU_ENV	Min	0.	-572.1836	-123.6022	10.9799
209	209	244	SLU_ENV	Min	0.	-548.9617	-85.0622	-6.4541
209	209	937	SLV_Ex		112.28	530.2876	42.9894	-27.1764
209	209	952	SLV_Ex		91.69	540.0953	-0.6886	-60.0761
209	209	271	SLV_Ex		112.44	457.1678	17.877	-74.7813
209	209	244	SLV_Ex		131.61	445.8334	62.8073	-41.8816

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
210	210	505	SLU_ENV	Max	0.	-334.3813	-28.5771	-55.4371
210	210	523	SLU_ENV	Max	0.	-481.471	-95.8558	-73.6636
210	210	953	SLU_ENV	Max	0.	-277.8412	-32.08	43.0908
210	210	938	SLU_ENV	Max	0.	-132.2494	50.434	71.3942
210	210	505	SLU_ENV	Min	0.	-593.2508	-65.7304	-129.2585
210	210	523	SLU_ENV	Min	0.	-839.2909	-155.836	-166.8994
210	210	953	SLU_ENV	Min	0.	-523.5367	-56.0102	-11.1391
210	210	938	SLU_ENV	Min	0.	-279.6067	20.1884	16.4249
210	210	505	SLV_Ex		250.24	-1329.7487	-140.6257	-297.2997
210	210	523	SLV_Ex		518.22	-1873.6737	-235.132	-394.0548
210	210	953	SLV_Ex		491.4	-1541.2183	-65.4161	1.3513
210	210	938	SLV_Ex		208.49	-1002.7034	32.4323	98.1063
211	211	938	SLU_ENV	Max	0.	-193.8946	8.5748	33.4334
211	211	953	SLU_ENV	Max	0.	-198.9085	-0.7597	80.9555
211	211	954	SLU_ENV	Max	0.	-44.7974	-8.113	83.763
211	211	939	SLU_ENV	Max	0.	-40.4914	5.3034	36.2409
211	211	938	SLU_ENV	Min	0.	-354.386	4.5099	-16.2546
211	211	953	SLU_ENV	Min	0.	-360.4421	-8.6722	21.435
211	211	954	SLU_ENV	Min	0.	-111.052	-14.3067	23.0464
211	211	939	SLU_ENV	Min	0.	-105.6033	-4.3628	-14.6432
211	211	938	SLV_Ex		261.8	-1126.5257	13.2727	5.0173
211	211	953	SLV_Ex		361.7	-1136.3035	9.9619	93.9163
211	211	954	SLV_Ex		362.73	-862.8751	-33.0601	100.2629
211	211	939	SLV_Ex		262.76	-854.3846	-28.803	11.3639
212	212	939	SLU_ENV	Max	0.	-44.7042	-0.8747	48.7759
212	212	954	SLU_ENV	Max	0.	-49.5003	-5.0697	71.2897
212	212	955	SLU_ENV	Max	0.	117.3241	4.7903	75.1808
212	212	940	SLU_ENV	Max	0.	123.3218	13.3626	52.667
212	212	939	SLU_ENV	Min	0.	-89.1591	-2.7764	-5.8775
212	212	954	SLU_ENV	Min	0.	-98.9695	-8.8361	14.3218
212	212	955	SLU_ENV	Min	0.	65.6809	-0.0284	19.112
212	212	940	SLU_ENV	Min	0.	72.3722	3.0534	-1.0872
212	212	939	SLV_Ex		264.43	-804.288	-22.0594	42.0678
212	212	954	SLV_Ex		299.39	-839.2531	-25.06	69.7051
212	212	955	SLV_Ex		297.67	-594.7328	-7.4362	94.7877
212	212	940	SLV_Ex		262.49	-561.9476	-2.8151	67.1504
213	213	940	SLU_ENV	Max	0.	122.9213	9.5612	51.3185
213	213	955	SLU_ENV	Max	0.	126.2781	6.1897	76.5026
213	213	956	SLU_ENV	Max	0.	295.4618	8.9824	69.4849
213	213	941	SLU_ENV	Max	0.	291.2732	13.3351	44.3007
213	213	940	SLU_ENV	Min	0.	70.1625	5.2878	-2.5788
213	213	955	SLU_ENV	Min	0.	75.0932	3.2905	20.5896
213	213	956	SLU_ENV	Min	0.	173.6103	0.3869	19.7918
213	213	941	SLU_ENV	Min	0.	167.8408	2.6436	-3.3767
213	213	940	SLV_Ex		248.38	-556.2664	-1.3799	59.7716
213	213	955	SLV_Ex		264.4	-562.4455	-1.2778	102.1515
213	213	956	SLV_Ex		263.49	-344.346	-4.959	105.9524
213	213	941	SLV_Ex		247.39	-340.2228	-3.524	63.5726
214	214	941	SLU_ENV	Max	0.	300.7969	11.2946	49.0104
214	214	956	SLU_ENV	Max	0.	306.6845	9.3371	64.7493
214	214	957	SLU_ENV	Max	0.	439.0522	15.2789	54.2693
214	214	942	SLU_ENV	Max	0.	432.3933	18.1211	38.5304
214	214	941	SLU_ENV	Min	0.	164.0659	5.1033	0.598
214	214	956	SLU_ENV	Min	0.	172.1215	2.7096	15.8143

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
214	214	957	SLU_ENV	Min	0.	247.6232	3.7615	14.4123
214	214	942	SLU_ENV	Min	0.	238.8161	6.4108	-0.804
214	214	941	SLV_Ex		232.56	-328.223	-1.8138	70.4082
214	214	956	SLV_Ex		240.5	-330.2266	-1.4453	99.1357
214	214	957	SLV_Ex		239.32	-135.9899	4.9508	99.7651
214	214	942	SLV_Ex		231.35	-136.1543	6.2082	71.0376
215	215	942	SLU_ENV	Max	0.	439.7723	16.7072	39.2539
215	215	957	SLU_ENV	Max	0.	448.4154	15.4748	53.4903
215	215	958	SLU_ENV	Max	0.	543.4111	16.2632	39.5884
215	215	943	SLU_ENV	Max	0.	534.2301	18.1451	25.3521
215	215	942	SLU_ENV	Min	0.	235.7691	8.4298	-0.3562
215	215	957	SLU_ENV	Min	0.	246.891	5.5532	13.9433
215	215	958	SLU_ENV	Min	0.	300.26	2.7269	11.7787
215	215	943	SLU_ENV	Min	0.	288.5864	5.7693	-2.5208
215	215	942	SLV_Ex		217.85	-129.9803	7.1306	69.5766
215	215	957	SLV_Ex		221.36	-123.4999	7.7612	101.1972
215	215	958	SLV_Ex		220.56	46.7787	6.3015	95.5154
215	215	943	SLV_Ex		217.04	38.3032	7.1656	63.8948
216	216	943	SLU_ENV	Max	0.	540.0758	17.3009	29.378
216	216	958	SLU_ENV	Max	0.	549.5633	16.3481	35.5095
216	216	959	SLU_ENV	Max	0.	607.0958	19.407	19.9234
216	216	944	SLU_ENV	Max	0.	597.2348	20.7885	13.7918
216	216	943	SLU_ENV	Min	0.	286.9165	7.2529	1.5008
216	216	958	SLU_ENV	Min	0.	299.5866	3.9336	7.7458
216	216	959	SLU_ENV	Min	0.	331.5534	4.8841	5.5819
216	216	944	SLU_ENV	Min	0.	318.5203	8.329	-0.6631
216	216	943	SLV_Ex		205.04	46.077	8.1633	67.8084
216	216	958	SLV_Ex		206.04	55.3441	8.5717	91.5797
216	216	959	SLV_Ex		205.18	202.0984	11.0392	83.8081
216	216	944	SLV_Ex		204.18	190.9621	12.0338	60.0368
217	217	944	SLU_ENV	Max	0.	600.2177	20.3675	14.8286
217	217	959	SLU_ENV	Max	0.	610.297	19.4458	18.8174
217	217	960	SLU_ENV	Max	0.	629.5969	18.3546	3.1681
217	217	945	SLU_ENV	Max	0.	619.4168	19.408	-1.0699
217	217	944	SLU_ENV	Min	0.	317.6404	9.0995	0.347
217	217	959	SLU_ENV	Min	0.	331.2546	5.4969	4.5482
217	217	960	SLU_ENV	Min	0.	341.9354	3.5356	1.4741
217	217	945	SLU_ENV	Min	0.	328.2086	7.1652	-2.478
217	217	944	SLV_Ex		193.61	196.9883	12.899	60.4577
217	217	959	SLV_Ex		193.23	210.474	13.0543	83.3431
217	217	960	SLV_Ex		192.64	333.1314	11.7999	72.4488
217	217	945	SLV_Ex		193.01	318.031	12.856	49.5633
218	218	945	SLU_ENV	Max	0.	619.3848	19.4024	3.1186
218	218	960	SLU_ENV	Max	0.	629.5719	18.3508	-1.0712
218	218	961	SLU_ENV	Max	0.	610.8258	19.469	-4.0102
218	218	946	SLU_ENV	Max	0.	600.7249	20.3977	0.1412
218	218	945	SLU_ENV	Min	0.	328.1901	7.16	1.4372
218	218	960	SLU_ENV	Min	0.	341.9208	3.5322	-2.4634
218	218	961	SLU_ENV	Min	0.	331.5505	5.5193	-18.2657
218	218	946	SLU_ENV	Min	0.	317.9239	9.1287	-14.3266
218	218	945	SLV_Ex		183.82	325.9643	14.0122	52.1471
218	218	960	SLV_Ex		182.83	340.3118	13.6664	69.8225
218	218	961	SLV_Ex		182.22	438.5633	13.3392	58.3048
218	218	946	SLV_Ex		183.22	422.8429	14.7164	40.6294

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
219	219	946	SLU_ENV	Max	0.	597.6748	20.8083	1.154
219	219	961	SLU_ENV	Max	0.	607.5863	19.4232	-5.0466
219	219	962	SLU_ENV	Max	0.	550.598	16.3959	-7.2455
219	219	947	SLU_ENV	Max	0.	541.0457	17.3608	-1.0449
219	219	946	SLU_ENV	Min	0.	318.7652	8.3485	-13.2872
219	219	961	SLU_ENV	Min	0.	331.827	4.9003	-19.3745
219	219	962	SLU_ENV	Min	0.	300.165	3.9801	-34.9964
219	219	947	SLU_ENV	Min	0.	287.458	7.3111	-28.9091
219	219	946	SLV_Ex		175.18	430.275	16.0343	42.4784
219	219	961	SLV_Ex		174.37	446.9233	15.1797	56.4068
219	219	962	SLV_Ex		173.94	520.0461	14.0564	43.1902
219	219	947	SLV_Ex		174.76	502.3023	15.7353	29.2617
220	220	947	SLU_ENV	Max	0.	535.1656	18.1998	2.9677
220	220	962	SLU_ENV	Max	0.	544.4209	16.3063	-11.2694
220	220	963	SLU_ENV	Max	0.	449.9458	15.526	-13.4837
220	220	948	SLU_ENV	Max	0.	441.2153	16.7779	0.7534
220	220	947	SLU_ENV	Min	0.	289.1083	5.8229	-24.8926
220	220	962	SLU_ENV	Min	0.	300.824	2.7694	-39.0661
220	220	963	SLU_ENV	Min	0.	247.746	5.6032	-53.0189
220	220	948	SLU_ENV	Min	0.	236.5746	8.4987	-38.8453
220	220	947	SLV_Ex		167.97	512.6001	17.6355	30.6943
220	220	962	SLV_Ex		167.93	528.8579	15.9782	41.7058
220	220	963	SLV_Ex		167.5	575.9443	12.9788	28.7906
220	220	948	SLV_Ex		167.56	558.883	15.2424	17.7792
221	221	948	SLU_ENV	Max	0.	433.8318	18.1942	1.2096
221	221	963	SLU_ENV	Max	0.	440.6008	15.3296	-13.9613
221	221	964	SLU_ENV	Max	0.	308.7142	9.4088	-15.4354
221	221	949	SLU_ENV	Max	0.	302.7042	11.3961	-0.2644
221	221	948	SLU_ENV	Min	0.	239.6197	6.4823	-38.1131
221	221	963	SLU_ENV	Min	0.	248.489	3.8116	-53.8067
221	221	964	SLU_ENV	Min	0.	173.2555	2.7799	-64.3603
221	221	949	SLU_ENV	Min	0.	165.1305	5.2023	-48.6667
221	221	948	SLV_Ex		161.75	570.3337	17.75	20.8894
221	221	963	SLV_Ex		163.86	587.9761	15.1678	25.6359
221	221	964	SLV_Ex		163.61	607.9816	13.7131	11.6384
221	221	949	SLV_Ex		161.51	589.7806	16.7218	6.892
222	222	949	SLU_ENV	Max	0.	293.2605	13.4541	3.6889
222	222	964	SLU_ENV	Max	0.	297.5587	9.0602	-19.3917
222	222	965	SLU_ENV	Max	0.	128.7867	6.2303	-20.2634
222	222	950	SLU_ENV	Max	0.	125.3098	9.6495	2.8173
222	222	949	SLU_ENV	Min	0.	168.9527	2.7597	-43.979
222	222	964	SLU_ENV	Min	0.	174.784	0.4634	-69.0742
222	222	965	SLU_ENV	Min	0.	76.4947	3.3309	-76.1672
222	222	950	SLU_ENV	Min	0.	71.4962	5.374	-51.0721
222	222	949	SLV_Ex		156.95	607.5899	20.6873	6.6565
222	222	964	SLV_Ex		163.24	622.8637	16.2858	11.8219
222	222	965	SLV_Ex		162.94	613.7599	8.6983	-0.5309
222	222	950	SLV_Ex		156.7	598.2167	13.3148	-5.6964
223	223	950	SLU_ENV	Max	0.	125.3124	13.4887	1.3481
223	223	965	SLU_ENV	Max	0.	119.4498	4.8505	-18.8082
223	223	966	SLU_ENV	Max	0.	-47.8137	-5.0139	-14.1321
223	223	951	SLU_ENV	Max	0.	-43.1202	-0.7835	6.0242
223	223	950	SLU_ENV	Min	0.	74.3475	3.1765	-52.3979
223	223	965	SLU_ENV	Min	0.	67.7894	0.0313	-74.8683

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
223	223	966	SLU_ENV	Min	0.	-95.9514	-8.7806	-71.0932
223	223	951	SLU_ENV	Min	0.	-86.3234	-2.6138	-48.6228
223	223	950	SLV_Ex		152.01	619.9284	19.372	-0.4118
223	223	965	SLV_Ex		169.64	639.9831	12.2282	-5.8343
223	223	966	SLV_Ex		169.92	599.0824	9.8761	-22.189
223	223	951	SLV_Ex		152.46	578.8397	17.1919	-16.7665
224	224	951	SLU_ENV	Max	0.	-38.624	5.5316	14.6862
224	224	966	SLU_ENV	Max	0.	-42.9462	-8.0572	-22.7533
224	224	967	SLU_ENV	Max	0.	-196.9994	-0.9392	-21.1525
224	224	952	SLU_ENV	Max	0.	-191.9742	8.5438	16.287
224	224	951	SLU_ENV	Min	0.	-102.2806	-4.1399	-36.1939
224	224	966	SLU_ENV	Min	0.	-107.7527	-14.2054	-83.4608
224	224	967	SLU_ENV	Min	0.	-357.0238	-8.8588	-80.6631
224	224	952	SLU_ENV	Min	0.	-350.9527	4.4804	-33.3963
224	224	951	SLV_Ex		139.65	631.2089	31.643	-27.6357
224	224	966	SLV_Ex		196.14	629.0377	11.8899	-11.3653
224	224	967	SLV_Ex		195.22	548.8689	-21.8748	-12.6691
224	224	952	SLV_Ex		138.93	551.1488	-2.079	-28.9395
225	225	952	SLU_ENV	Max	0.	-130.1871	50.6212	-16.2621
225	225	967	SLU_ENV	Max	0.	-274.8878	-32.1502	11.2937
225	225	298	SLU_ENV	Max	0.	-478.6264	-95.9475	165.8373
225	225	271	SLU_ENV	Max	0.	-332.4439	-28.4632	128.2081
225	225	952	SLU_ENV	Min	0.	-275.946	20.3693	-71.2284
225	225	967	SLU_ENV	Min	0.	-518.2942	-56.0871	-42.9246
225	225	298	SLU_ENV	Min	0.	-834.214	-155.9609	73.0758
225	225	271	SLU_ENV	Min	0.	-589.7837	-65.5078	54.8455
225	225	952	SLV_Ex		96.34	573.3609	36.4184	-1.3626
225	225	967	SLV_Ex		263.07	735.9361	-18.5164	-39.9114
225	225	298	SLV_Ex		279.78	602.7284	-4.2223	-172.2159
225	225	271	SLV_Ex		125.47	438.2873	52.6958	-133.6671
227	227	767	SLU_ENV	Max	0.	-480.3388	-100.3617	41.0669
227	227	766	SLU_ENV	Max	0.	-513.0156	-98.3092	-15.0476
227	227	968	SLU_ENV	Max	0.	-316.1819	-19.3594	28.2636
227	227	969	SLU_ENV	Max	0.	-284.5113	-20.093	78.9725
227	227	767	SLU_ENV	Min	0.	-1361.7654	-280.2894	15.2635
227	227	766	SLU_ENV	Min	0.	-1402.2192	-272.5075	-40.711
227	227	968	SLU_ENV	Min	0.	-907.9121	-66.0375	-16.0737
227	227	969	SLU_ENV	Min	0.	-869.1514	-71.6589	45.3064
227	227	767	SLV_Ex		635.31	-1963.8422	-419.3986	85.4236
227	227	766	SLV_Ex		463.65	-2219.4764	-417.2651	-83.8787
227	227	968	SLV_Ex		495.16	-1746.4859	-102.5402	149.008
227	227	969	SLV_Ex		664.3	-1497.9566	-95.1752	318.3104
228	228	969	SLU_ENV	Max	0.	-318.219	-22.7522	26.6207
228	228	968	SLU_ENV	Max	0.	-277.3037	-15.6661	76.4202
228	228	970	SLU_ENV	Max	0.	-117.6253	-26.8057	19.7919
228	228	971	SLU_ENV	Max	0.	-158.5137	-33.8925	-22.6381
228	228	969	SLU_ENV	Min	0.	-907.8448	-70.5649	-12.0838
228	228	968	SLU_ENV	Min	0.	-783.8044	-50.0486	44.7346
228	228	970	SLU_ENV	Min	0.	-367.7613	-65.3844	-45.6204
228	228	971	SLU_ENV	Min	0.	-490.7459	-87.2666	-109.8084
228	228	969	SLV_Ex		530.76	-1769.3876	-122.3025	185.1154
228	228	968	SLV_Ex		501.96	-1566.8528	-93.7725	281.0544
228	228	970	SLV_Ex		494.59	-1173.8588	-144.523	97.9344
228	228	971	SLV_Ex		525.7	-1377.8776	-170.8446	1.9954



Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
229	229	971	SLU_ENV	Max	0.	-122.2256	-26.7013	-2.6507
229	229	970	SLU_ENV	Max	0.	-99.8642	-23.187	-7.7776
229	229	972	SLU_ENV	Max	0.	40.895	18.891	-27.7971
229	229	973	SLU_ENV	Max	0.	6.4079	4.1449	-24.7407
229	229	971	SLU_ENV	Min	0.	-392.3746	-68.6598	-73.6238
229	229	970	SLU_ENV	Min	0.	-332.4665	-57.2579	-74.6823
229	229	972	SLU_ENV	Min	0.	5.7992	6.9237	-126.2689
229	229	973	SLU_ENV	Min	0.	-38.9292	2.5679	-123.14
229	229	971	SLV_Ex		479.16	-1230.7964	-142.5137	73.1358
229	229	970	SLV_Ex		424.86	-1104.7972	-129.6254	26.0975
229	229	972	SLV_Ex		419.99	-771.9117	0.7165	-87.2966
229	229	973	SLV_Ex		474.43	-896.4378	-14.217	-40.2583
230	230	973	SLU_ENV	Max	0.	40.0429	10.9806	-37.3035
230	230	972	SLU_ENV	Max	0.	39.1334	17.5888	-15.191
230	230	974	SLU_ENV	Max	0.	298.9736	3.4254	-13.5083
230	230	975	SLU_ENV	Max	0.	302.2644	-3.5025	-35.6208
230	230	973	SLU_ENV	Min	0.	-8.7814	5.7041	-152.9613
230	230	972	SLU_ENV	Min	0.	-10.3741	7.4236	-96.3483
230	230	974	SLU_ENV	Min	0.	125.7903	-2.4835	-92.7564
230	230	975	SLU_ENV	Min	0.	127.4169	-7.1444	-149.3694
230	230	973	SLV_Ex		413.05	-820.6211	-4.6517	-100.7668
230	230	972	SLV_Ex		378.09	-793.2048	2.0559	-26.7151
230	230	974	SLV_Ex		374.85	-510.7627	-39.4757	-50.2105
230	230	975	SLV_Ex		410.18	-537.0761	-47.6529	-124.2622
231	231	975	SLU_ENV	Max	0.	310.2365	-0.957	-26.3226
231	231	974	SLU_ENV	Max	0.	302.7783	1.2645	-22.83
231	231	976	SLU_ENV	Max	0.	556.6224	35.8219	-21.7786
231	231	977	SLU_ENV	Max	0.	566.2815	28.7736	-25.2712
231	231	975	SLU_ENV	Min	0.	133.9485	-3.8749	-127.7688
231	231	974	SLU_ENV	Min	0.	133.3661	-0.9607	-114.3966
231	231	976	SLU_ENV	Min	0.	209.7608	10.043	-105.4485
231	231	977	SLU_ENV	Min	0.	210.8697	8.2289	-118.8208
231	231	975	SLV_Ex		360.47	-523.1443	-42.0585	-88.8637
231	231	974	SLV_Ex		337.56	-486.7271	-37.4767	-85.8449
231	231	976	SLV_Ex		334.74	-238.9595	9.642	-117.4432
231	231	977	SLV_Ex		357.82	-273.2239	2.1102	-120.462
232	232	977	SLU_ENV	Max	0.	578.6423	30.9226	-29.1884
232	232	976	SLU_ENV	Max	0.	539.5929	32.7391	-17.814
232	232	978	SLU_ENV	Max	0.	756.1776	35.8414	-10.0422
232	232	979	SLU_ENV	Max	0.	796.7913	31.895	-21.4166
232	232	977	SLU_ENV	Min	0.	217.5755	9.475	-127.5636
232	232	976	SLU_ENV	Min	0.	209.5061	10.0871	-96.5569
232	232	978	SLU_ENV	Min	0.	262.9348	5.832	-59.1495
232	232	979	SLU_ENV	Min	0.	271.3242	4.7861	-90.1562
232	232	977	SLV_Ex		316.71	-255.2817	5.1303	-140.0799
232	232	976	SLV_Ex		302.62	-253.3307	7.3361	-97.7715
232	232	978	SLV_Ex		300.38	-38.4534	-4.7087	-98.0484
232	232	979	SLV_Ex		314.59	-38.4986	-9.5067	-140.3568
233	233	979	SLU_ENV	Max	0.	789.3587	18.9111	-16.3034
233	233	978	SLU_ENV	Max	0.	761.8226	48.4679	-15.1381
233	233	980	SLU_ENV	Max	0.	940.6613	77.316	-7.5125
233	233	981	SLU_ENV	Max	0.	969.0645	46.11	-8.6779
233	233	979	SLU_ENV	Min	0.	273.6053	5.5464	-77.5027
233	233	978	SLU_ENV	Min	0.	265.6325	6.0675	-71.6843

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
233	233	980	SLU_ENV	Min	0.	297.5512	11.0822	-40.1768
233	233	981	SLU_ENV	Min	0.	305.7754	10.2157	-45.9952
233	233	979	SLV_Ex		280.61	-40.4857	-7.7131	-126.8223
233	233	978	SLV_Ex		271.6	-34.9107	-6.1911	-111.6354
233	233	980	SLV_Ex		269.65	152.7364	12.6952	-115.249
233	233	981	SLV_Ex		278.73	149.3102	8.233	-130.436
234	234	981	SLU_ENV	Max	0.	974.4505	46.7364	-10.1222
234	234	980	SLU_ENV	Max	0.	932.0001	76.0347	-6.0186
234	234	982	SLU_ENV	Max	0.	951.7747	65.5332	7.5188
234	234	983	SLU_ENV	Max	0.	994.7911	35.9246	-0.8893
234	234	981	SLU_ENV	Min	0.	307.6326	10.5904	-48.4784
234	234	980	SLU_ENV	Min	0.	297.7909	11.1268	-37.4851
234	234	982	SLU_ENV	Min	0.	308.1111	7.7437	3.2143
234	234	983	SLU_ENV	Min	0.	317.9913	7.1564	-3.4745
234	234	981	SLV_Ex		249.26	151.2036	9.2304	-135.0406
234	234	980	SLV_Ex		243.93	141.1588	9.7609	-110.5956
234	234	982	SLV_Ex		242.2	302.5579	10.895	-100.0558
234	234	983	SLV_Ex		247.58	314.5425	7.7167	-124.5008
235	235	983	SLU_ENV	Max	0.	995.2751	35.9862	7.6175
235	235	982	SLU_ENV	Max	0.	952.2289	65.6591	-0.879
235	235	984	SLU_ENV	Max	0.	931.6829	75.973	41.6189
235	235	985	SLU_ENV	Max	0.	974.1	46.6961	52.6238
235	235	983	SLU_ENV	Min	0.	318.2668	7.1916	3.2313
235	235	982	SLU_ENV	Min	0.	308.3702	7.8154	-3.3874
235	235	984	SLU_ENV	Min	0.	297.604	11.0908	8.3548
235	235	985	SLU_ENV	Min	0.	307.4266	10.5664	12.4652
235	235	983	SLV_Ex		221.38	308.4934	8.3498	-121.1115
235	235	982	SLV_Ex		218.45	300.7475	8.69	-103.4122
235	235	984	SLV_Ex		216.88	438.1718	13.9309	-95.1143
235	235	985	SLV_Ex		219.84	447.724	11.1231	-112.8136
236	236	985	SLU_ENV	Max	0.	969.7773	46.198	50.1844
236	236	984	SLU_ENV	Max	0.	941.195	77.509	44.2666
236	236	986	SLU_ENV	Max	0.	761.4894	48.5713	75.9223
236	236	987	SLU_ENV	Max	0.	789.1417	18.9949	81.8401
236	236	985	SLU_ENV	Min	0.	306.1744	10.2649	11.0455
236	236	984	SLU_ENV	Min	0.	297.8507	11.1912	9.824
236	236	986	SLU_ENV	Min	0.	265.4314	6.1237	17.5319
236	236	987	SLU_ENV	Min	0.	273.4682	5.591	18.7533
236	236	985	SLV_Ex		195.53	447.	11.5004	-108.7265
236	236	984	SLV_Ex		194.65	426.5366	11.0818	-99.1565
236	236	986	SLV_Ex		193.18	541.4662	22.5308	-79.3337
236	236	987	SLV_Ex		194.06	563.5516	20.731	-88.9036
237	237	987	SLU_ENV	Max	0.	797.6913	32.1236	94.4064
237	237	986	SLU_ENV	Max	0.	756.943	36.2432	63.4756
237	237	988	SLU_ENV	Max	0.	539.2641	32.7701	101.0008
237	237	989	SLU_ENV	Max	0.	578.3824	30.8698	131.9317
237	237	987	SLU_ENV	Min	0.	271.824	4.9136	23.8172
237	237	986	SLU_ENV	Min	0.	263.3612	6.0582	12.4857
237	237	988	SLU_ENV	Min	0.	209.302	10.1015	20.3217
237	237	989	SLU_ENV	Min	0.	217.4076	9.441	31.6532
237	237	987	SLV_Ex		170.82	557.7989	21.24	-94.4915
237	237	986	SLV_Ex		171.63	542.024	20.9828	-73.6453
237	237	988	SLV_Ex		170.21	635.2266	12.7148	-58.3886
237	237	989	SLV_Ex		169.39	652.1912	11.353	-79.2348

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
238	238	989	SLU_ENV	Max	0.	567.4899	28.8959	123.3707
238	238	988	SLU_ENV	Max	0.	557.4497	36.2027	109.7103
238	238	990	SLU_ENV	Max	0.	302.1208	1.6838	119.0215
238	238	991	SLU_ENV	Max	0.	309.8963	-0.765	132.6819
238	238	989	SLU_ENV	Min	0.	211.5387	8.2954	27.838
238	238	988	SLU_ENV	Min	0.	210.2204	10.257	24.1841
238	238	990	SLU_ENV	Min	0.	132.9715	-0.73	25.4357
238	238	991	SLU_ENV	Min	0.	133.7273	-3.6882	29.0896
238	238	989	SLV_Ex		146.08	660.3628	12.3362	-63.3546
238	238	988	SLV_Ex		149.07	622.083	10.7372	-74.2435
238	238	990	SLV_Ex		147.64	696.6596	41.0118	-38.45
238	238	991	SLV_Ex		144.63	736.0425	41.0949	-27.5611
239	239	991	SLU_ENV	Max	0.	303.5801	-3.1416	153.9854
239	239	990	SLU_ENV	Max	0.	300.2198	4.1307	97.6801
239	239	992	SLU_ENV	Max	0.	38.3475	17.5951	101.377
239	239	993	SLU_ENV	Max	0.	39.2489	10.6371	157.6822
239	239	991	SLU_ENV	Min	0.	128.1442	-6.7811	38.2208
239	239	990	SLU_ENV	Min	0.	126.4847	-1.7649	16.282
239	239	992	SLU_ENV	Min	0.	-11.1199	7.4205	18.0185
239	239	993	SLU_ENV	Min	0.	-9.5278	5.5004	39.9574
239	239	991	SLV_Ex		120.61	739.6027	43.5494	-50.2666
239	239	990	SLV_Ex		126.14	713.8054	42.6985	-15.5317
239	239	992	SLV_Ex		124.71	769.3681	7.595	8.2944
239	239	993	SLV_Ex		119.11	795.3397	8.2267	-26.4405
240	240	993	SLU_ENV	Max	0.	7.6615	4.0978	128.4462
240	240	992	SLU_ENV	Max	0.	41.719	19.5298	130.7102
240	240	994	SLU_ENV	Max	0.	-101.2354	-22.6022	79.498
240	240	995	SLU_ENV	Max	0.	-123.2755	-26.4656	78.2807
240	240	993	SLU_ENV	Min	0.	-37.5555	2.535	27.7207
240	240	992	SLU_ENV	Min	0.	6.5873	7.2834	30.2973
240	240	994	SLU_ENV	Min	0.	-334.8378	-56.1901	10.9883
240	240	995	SLU_ENV	Min	0.	-394.1449	-68.1996	7.365
240	240	993	SLV_Ex		94.99	844.2137	13.3801	19.2727
240	240	992	SLV_Ex		101.22	755.3959	9.4219	-37.4567
240	240	994	SLV_Ex		98.88	799.629	94.229	44.2725
240	240	995	SLV_Ex		92.65	888.8411	97.6132	101.0019
241	241	995	SLU_ENV	Max	0.	-158.136	-33.3664	114.784
241	241	994	SLU_ENV	Max	0.	-116.5352	-25.7334	50.4129
241	241	996	SLU_ENV	Max	0.	-279.4001	-16.1482	-40.7639
241	241	997	SLU_ENV	Max	0.	-321.071	-23.7209	15.1179
241	241	995	SLU_ENV	Min	0.	-490.0861	-86.3067	25.4294
241	241	994	SLU_ENV	Min	0.	-365.821	-63.4678	-14.9459
241	241	996	SLU_ENV	Min	0.	-787.4244	-50.9153	-72.3915
241	241	997	SLU_ENV	Min	0.	-912.8238	-72.2802	-23.5269
241	241	995	SLV_Ex		72.35	977.6458	115.8368	46.7871
241	241	994	SLV_Ex		71.53	864.7249	106.7854	98.9766
241	241	996	SLV_Ex		71.8	897.8118	42.4221	200.8476
241	241	997	SLV_Ex		72.46	1009.0627	53.88	148.6581
242	242	997	SLU_ENV	Max	0.	-287.8726	-20.9253	-42.6828
242	242	996	SLU_ENV	Max	0.	-316.7448	-19.7731	19.4509
242	242	599	SLU_ENV	Max	0.	-518.1011	-99.4255	40.5579
242	242	600	SLU_ENV	Max	0.	-488.2569	-101.8461	-15.1737
242	242	997	SLU_ENV	Min	0.	-875.2252	-73.1747	-74.2888
242	242	996	SLU_ENV	Min	0.	-909.0012	-66.8165	-24.826

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
242	242	599	SLU_ENV	Min	0.	-1411.2018	-274.4863	14.9659
242	242	600	SLU_ENV	Min	0.	-1375.795	-282.9131	-40.8991
242	242	997	SLV_Ex		46.29	835.0749	38.5358	228.4977
242	242	996	SLV_Ex		54.78	1022.5624	47.9188	121.6038
242	242	599	SLV_Ex		49.64	1056.2698	193.6281	-52.9416
242	242	600	SLV_Ex		40.97	864.1713	190.4601	53.9523
243	243	766	SLU_ENV	Max	0.	-529.1537	-114.9954	-16.7873
243	243	765	SLU_ENV	Max	0.	-563.882	-103.6118	39.3831
243	243	774	SLU_ENV	Max	0.	-356.7938	-108.0811	82.9592
243	243	968	SLU_ENV	Max	0.	-323.1493	-118.2006	31.0032
243	243	766	SLU_ENV	Min	0.	-1441.9838	-307.1408	-39.2706
243	243	765	SLU_ENV	Min	0.	-1474.6272	-276.1814	17.0051
243	243	774	SLU_ENV	Min	0.	-955.4152	-277.74	42.6193
243	243	968	SLU_ENV	Min	0.	-923.5145	-308.2387	-17.8707
243	243	766	SLV_Ex		463.65	-2285.2973	-494.808	-66.8353
243	243	765	SLV_Ex		432.72	-2497.989	-461.8492	68.1914
243	243	774	SLV_Ex		461.94	-1996.1461	-546.4605	267.44
243	243	968	SLV_Ex		492.31	-1789.922	-571.2827	132.4133
244	244	968	SLU_ENV	Max	0.	-285.954	-107.6724	84.346
244	244	774	SLU_ENV	Max	0.	-230.6729	-85.946	28.9001
244	244	776	SLU_ENV	Max	0.	-73.923	-6.3245	-30.6899
244	244	970	SLU_ENV	Max	0.	-127.9471	-29.6598	12.4278
244	244	968	SLU_ENV	Min	0.	-807.1219	-280.5648	47.4874
244	244	774	SLU_ENV	Min	0.	-662.9119	-223.6347	-23.3726
244	244	776	SLU_ENV	Min	0.	-253.1697	-17.866	-130.9105
244	244	970	SLU_ENV	Min	0.	-393.4536	-79.917	-47.7222
244	244	968	SLV_Ex		498.03	-1611.6009	-515.1695	295.8326
244	244	774	SLV_Ex		403.23	-1365.8538	-440.851	101.8293
244	244	776	SLV_Ex		403.2	-979.5346	-101.7244	-109.3582
244	244	970	SLV_Ex		497.79	-1220.8379	-181.7619	84.6451
245	245	970	SLU_ENV	Max	0.	-100.306	-23.0978	-19.3973
245	245	776	SLU_ENV	Max	0.	-101.3083	-12.8353	-4.7338
245	245	778	SLU_ENV	Max	0.	33.6484	-4.5762	-0.5866
245	245	972	SLU_ENV	Max	0.	34.7598	-15.9168	-16.5566
245	245	970	SLU_ENV	Min	0.	-334.4852	-65.2014	-100.2164
245	245	776	SLU_ENV	Min	0.	-327.6675	-35.6874	-71.6499
245	245	778	SLU_ENV	Min	0.	2.8878	-7.9771	-73.2597
245	245	972	SLU_ENV	Min	0.	-3.0463	-37.6203	-100.5198
245	245	970	SLV_Ex		427.62	-1116.1132	-161.7046	-29.139
245	245	776	SLV_Ex		374.73	-1106.0568	-126.1412	5.5379
245	245	778	SLV_Ex		364.23	-784.9468	-108.9887	2.3082
245	245	972	SLV_Ex		419.29	-795.8187	-143.3196	-32.3687
246	246	972	SLU_ENV	Max	0.	37.3098	-12.5114	-9.2342
246	246	778	SLU_ENV	Max	0.	58.2446	-5.9986	-10.7991
246	246	780	SLU_ENV	Max	0.	324.2283	55.4089	-20.9032
246	246	974	SLU_ENV	Max	0.	296.9119	34.1265	-19.3383
246	246	972	SLU_ENV	Min	0.	-10.6623	-30.0111	-82.9946
246	246	778	SLU_ENV	Min	0.	10.8903	-12.0628	-88.3588
246	246	780	SLU_ENV	Min	0.	136.8459	16.4632	-111.1825
246	246	974	SLU_ENV	Min	0.	124.8943	9.0028	-105.8184
246	246	972	SLV_Ex		377.35	-808.2423	-133.7897	-2.7038
246	246	778	SLV_Ex		336.67	-724.9445	-109.0029	-28.0802
246	246	780	SLV_Ex		333.9	-443.3173	-16.9795	-99.1052
246	246	974	SLV_Ex		375.03	-524.0374	-45.191	-73.7287

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
247	247	974	SLU_ENV	Max	0.	310.8699	39.3349	-25.244
247	247	780	SLU_ENV	Max	0.	291.0384	46.3542	-14.8895
247	247	782	SLU_ENV	Max	0.	539.2684	65.4249	-9.0295
247	247	976	SLU_ENV	Max	0.	560.3353	56.774	-19.384
247	247	974	SLU_ENV	Min	0.	135.4229	11.3788	-120.1393
247	247	780	SLU_ENV	Min	0.	129.9152	14.8068	-96.5819
247	247	782	SLU_ENV	Min	0.	204.9212	16.1357	-76.2027
247	247	976	SLU_ENV	Min	0.	210.6472	12.4195	-99.7602
247	247	974	SLV_Ex		337.38	-489.0321	-38.5475	-102.5293
247	247	780	SLV_Ex		310.3	-487.6454	-25.4876	-69.9439
247	247	782	SLV_Ex		306.92	-245.1131	-19.8566	-68.2964
247	247	976	SLV_Ex		334.65	-245.6154	-34.0918	-100.8818
248	248	976	SLU_ENV	Max	0.	549.5404	59.3248	-14.9521
248	248	782	SLU_ENV	Max	0.	531.9426	59.25	-13.4993
248	248	784	SLU_ENV	Max	0.	746.3299	107.5787	-11.3979
248	248	978	SLU_ENV	Max	0.	765.4936	105.5734	-12.8507
248	248	976	SLU_ENV	Min	0.	211.3382	13.606	-86.3847
248	248	782	SLU_ENV	Min	0.	209.8196	16.067	-89.6396
248	248	784	SLU_ENV	Min	0.	263.1262	25.0867	-72.4449
248	248	978	SLU_ENV	Min	0.	265.0547	22.0732	-69.19
248	248	976	SLV_Ex		302.36	-256.8876	-31.5398	-87.2508
248	248	782	SLV_Ex		283.69	-230.7814	-21.7967	-82.1799
248	248	784	SLV_Ex		281.48	-17.0745	15.7113	-103.3243
248	248	978	SLV_Ex		300.48	-41.099	3.155	-108.3952
249	249	978	SLU_ENV	Max	0.	762.1423	107.249	-14.8377
249	249	784	SLU_ENV	Max	0.	722.2804	100.423	-9.3401
249	249	786	SLU_ENV	Max	0.	923.8745	132.5879	-2.3295
249	249	980	SLU_ENV	Max	0.	964.3562	138.6081	-7.8271
249	249	978	SLU_ENV	Min	0.	268.614	22.8996	-73.9144
249	249	784	SLU_ENV	Min	0.	261.4472	24.6364	-67.5119
249	249	786	SLU_ENV	Min	0.	292.8145	23.6381	-31.5088
249	249	980	SLU_ENV	Min	0.	300.0748	21.7757	-37.9113
249	249	978	SLV_Ex		271.59	-33.2105	5.3102	-117.3304
249	249	784	SLV_Ex		259.47	-39.5997	10.6288	-94.2463
249	249	786	SLV_Ex		257.42	145.0919	17.8215	-86.5079
249	249	980	SLV_Ex		269.81	152.9103	10.5641	-109.5919
250	250	980	SLU_ENV	Max	0.	958.6433	139.4709	-4.4883
250	250	786	SLU_ENV	Max	0.	917.2941	129.2665	-5.6719
250	250	788	SLU_ENV	Max	0.	911.2806	132.0788	0.6226
250	250	982	SLU_ENV	Max	0.	953.0556	141.7171	3.3385
250	250	980	SLU_ENV	Min	0.	300.5244	22.1156	-33.3052
250	250	786	SLU_ENV	Min	0.	294.2197	23.6692	-36.07
250	250	788	SLU_ENV	Min	0.	304.7401	27.4456	0.477
250	250	982	SLU_ENV	Min	0.	311.1707	25.721	1.7096
250	250	980	SLV_Ex		244.02	142.8294	11.4196	-104.065
250	250	786	SLV_Ex		236.31	147.3734	15.4062	-92.0876
250	250	788	SLV_Ex		234.69	307.1583	32.6489	-94.5591
250	250	982	SLV_Ex		242.56	304.3114	26.3567	-106.5365
251	251	982	SLU_ENV	Max	0.	953.4766	141.7478	0.7484
251	251	788	SLU_ENV	Max	0.	911.586	132.1933	3.3589
251	251	790	SLU_ENV	Max	0.	916.9636	129.4226	40.0967
251	251	984	SLU_ENV	Max	0.	958.38	139.6082	37.4862
251	251	982	SLU_ENV	Min	0.	311.4107	25.7387	0.6006
251	251	788	SLU_ENV	Min	0.	304.9156	27.511	1.6981

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
251	251	790	SLU_ENV	Min	0.	294.0261	23.7548	7.9484
251	251	984	SLU_ENV	Min	0.	300.368	22.1902	6.851
251	251	982	SLV_Ex		218.8	305.0298	27.1838	-106.7847
251	251	788	SLV_Ex		214.67	289.9687	28.5276	-94.2578
251	251	790	SLV_Ex		213.19	425.6089	40.0433	-79.2002
251	251	984	SLV_Ex		217.42	442.1419	36.6989	-91.7271
252	252	984	SLU_ENV	Max	0.	964.8542	138.8032	42.0684
252	252	790	SLU_ENV	Max	0.	924.3674	133.0032	35.5598
252	252	792	SLU_ENV	Max	0.	722.0517	100.7972	71.579
252	252	986	SLU_ENV	Max	0.	761.8687	107.47	78.0875
252	252	984	SLU_ENV	Min	0.	300.3533	21.8835	10.1761
252	252	790	SLU_ENV	Min	0.	293.091	23.8715	4.6198
252	252	792	SLU_ENV	Min	0.	261.3055	24.843	11.6391
252	252	986	SLU_ENV	Min	0.	268.4462	23.0182	17.1953
252	252	984	SLV_Ex		195.22	431.4554	36.9703	-91.9185
252	252	790	SLV_Ex		193.88	426.6241	37.8377	-78.9389
252	252	792	SLV_Ex		192.64	539.5224	43.9739	-73.6181
252	252	986	SLV_Ex		194.02	545.5225	41.5184	-86.5977
253	253	986	SLU_ENV	Max	0.	766.213	105.8551	73.4409
253	253	792	SLU_ENV	Max	0.	746.8018	108.231	76.433
253	253	794	SLU_ENV	Max	0.	531.5212	60.0412	93.9
253	253	988	SLU_ENV	Max	0.	549.3231	59.8033	90.9079
253	253	986	SLU_ENV	Min	0.	265.4536	22.2269	15.2518
253	253	792	SLU_ENV	Min	0.	263.3884	25.4523	13.6527
253	253	794	SLU_ENV	Min	0.	209.5653	16.5058	15.9055
253	253	988	SLU_ENV	Min	0.	211.1961	13.8653	17.5046
253	253	986	SLV_Ex		172.57	548.7207	42.2965	-79.4257
253	253	792	SLV_Ex		174.21	520.0386	39.9386	-80.8227
253	253	794	SLV_Ex		173.07	612.5891	61.3229	-53.912
253	253	988	SLV_Ex		171.43	642.6204	61.8537	-52.515
254	254	988	SLU_ENV	Max	0.	561.0719	57.2949	104.187
254	254	794	SLU_ENV	Max	0.	540.0678	66.6087	80.5611
254	254	796	SLU_ENV	Max	0.	290.6068	47.3462	100.9757
254	254	990	SLU_ENV	Max	0.	310.326	39.7287	124.6015
254	254	988	SLU_ENV	Min	0.	211.0529	12.7038	21.8813
254	254	794	SLU_ENV	Min	0.	205.3657	16.7988	11.4917
254	254	796	SLU_ENV	Min	0.	129.6497	15.3542	17.3697
254	254	990	SLU_ENV	Min	0.	135.091	11.5836	27.7593
254	254	988	SLV_Ex		150.47	630.2183	62.3514	-59.8407
254	254	794	SLV_Ex		154.92	622.6284	60.3527	-46.3708
254	254	796	SLV_Ex		154.03	694.3891	56.9954	-39.4985
254	254	990	SLV_Ex		149.51	702.3454	58.5029	-52.9685
255	255	990	SLU_ENV	Max	0.	297.9725	34.5535	110.4934
255	255	796	SLU_ENV	Max	0.	324.8233	56.894	115.3593
255	255	798	SLU_ENV	Max	0.	57.307	-5.0135	93.1464
255	255	992	SLU_ENV	Max	0.	36.7096	-12.1139	88.2805
255	255	990	SLU_ENV	Min	0.	125.4793	9.2275	21.9724
255	255	796	SLU_ENV	Min	0.	137.1775	17.2936	23.2621
255	255	798	SLU_ENV	Min	0.	9.9902	-10.2828	13.4959
255	255	992	SLU_ENV	Min	0.	-11.2234	-29.2562	12.2061
255	255	990	SLV_Ex		128.36	724.6285	61.3533	-31.88
255	255	796	SLV_Ex		136.32	662.3303	52.1898	-60.8105
255	255	798	SLV_Ex		135.31	719.0938	103.217	-3.978
255	255	992	SLV_Ex		127.26	782.8443	110.4368	24.9525

Table: Element Forces - Area Shells, Part 3 of 5

Area	AreaElem	Joint	OutputCase	StepType	FVM	M11	M22	M12
					KN/m	KN-m/m	KN-m/m	KN-m/m
256	256	992	SLU_ENV	Max	0.	35.2544	-15.5627	105.5175
256	256	798	SLU_ENV	Max	0.	34.7861	-2.5261	77.1938
256	256	800	SLU_ENV	Max	0.	-102.0819	-11.7612	75.2689
256	256	994	SLU_ENV	Max	0.	-101.5638	-23.1232	104.8064
256	256	992	SLU_ENV	Min	0.	-2.571	-36.9458	19.3635
256	256	798	SLU_ENV	Min	0.	3.9864	-5.8973	4.5967
256	256	800	SLU_ENV	Min	0.	-328.9805	-33.7276	8.4202
256	256	994	SLU_ENV	Min	0.	-336.6497	-65.1633	21.9732
256	256	992	SLV_Ex		104.33	769.7668	114.1424	3.5263
256	256	798	SLV_Ex		117.3	768.2163	106.7204	17.9756
256	256	800	SLV_Ex		116.72	807.4538	94.4977	17.4547
256	256	994	SLV_Ex		103.33	808.015	103.2933	3.0054
257	257	994	SLU_ENV	Max	0.	-127.2223	-29.7701	51.5997
257	257	800	SLU_ENV	Max	0.	-73.5836	-4.5463	135.1532
257	257	802	SLU_ENV	Max	0.	-232.9638	-84.1162	27.685
257	257	996	SLU_ENV	Max	0.	-287.8432	-107.7625	-42.5858
257	257	994	SLU_ENV	Min	0.	-392.1343	-80.0301	-8.4895
257	257	800	SLU_ENV	Min	0.	-252.602	-14.682	33.0805
257	257	802	SLU_ENV	Min	0.	-666.9289	-220.3194	-24.5405
257	257	996	SLU_ENV	Min	0.	-810.3603	-280.599	-79.3931
257	257	994	SLV_Ex		77.75	889.3803	113.7198	77.464
257	257	800	SLV_Ex		95.14	727.8312	84.4197	-57.8468
257	257	802	SLV_Ex		94.5	761.3051	273.8537	88.0713
257	257	996	SLV_Ex		76.98	925.8875	299.1429	223.382
258	258	996	SLU_ENV	Max	0.	-322.8708	-117.2244	21.8006
258	258	802	SLU_ENV	Max	0.	-352.6603	-105.599	-37.31
258	258	598	SLU_ENV	Max	0.	-565.7002	-103.654	-16.5152
258	258	599	SLU_ENV	Max	0.	-534.8724	-116.4605	38.3936
258	258	996	SLU_ENV	Min	0.	-923.1107	-306.4255	-27.0173
258	258	802	SLU_ENV	Min	0.	-948.1149	-273.2801	-77.6078
258	258	598	SLU_ENV	Min	0.	-1477.7152	-276.253	-38.4826
258	258	599	SLU_ENV	Min	0.	-1452.0571	-309.7014	16.3096
258	258	996	SLV_Ex		61.69	1057.5311	345.5788	112.3626
258	258	802	SLV_Ex		69.41	1223.3075	346.147	200.6719
258	258	598	SLV_Ex		48.	1259.9677	232.2434	44.6459
258	258	599	SLV_Ex		49.64	1089.6434	237.6788	-43.6633

Table: Element Forces - Area Shells, Part 4 of 5

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
1	1	579	SLU_ENV	Max	0.	0.	0.	-7.43
1	1	561	SLU_ENV	Max	0.	0.	0.	-7.43
1	1	596	SLU_ENV	Max	0.	0.	0.	-7.43
1	1	597	SLU_ENV	Max	0.	0.	0.	-7.43
1	1	579	SLU_ENV	Min	0.	0.	0.	-19.68
1	1	561	SLU_ENV	Min	0.	0.	0.	-19.68
1	1	596	SLU_ENV	Min	0.	0.	0.	-19.68
1	1	597	SLU_ENV	Min	0.	0.	0.	-19.68
1	1	579	SLV_Ex		16.7432	-155.2968	-16.681	12.43
1	1	561	SLV_Ex		6.4249	-89.0131	-24.237	12.43
1	1	596	SLV_Ex		-8.416	-179.9821	9.842	12.43

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
1	1	597	SLV_Ex		-2.0119	-243.1611	4.128	12.43
2	2	561	SLU_ENV	Max	0.	0.	0.	20.54
2	2	543	SLU_ENV	Max	0.	0.	0.	20.54
2	2	595	SLU_ENV	Max	0.	0.	0.	20.54
2	2	596	SLU_ENV	Max	0.	0.	0.	20.54
2	2	561	SLU_ENV	Min	0.	0.	0.	7.67
2	2	543	SLU_ENV	Min	0.	0.	0.	7.67
2	2	595	SLU_ENV	Min	0.	0.	0.	7.67
2	2	596	SLU_ENV	Min	0.	0.	0.	7.67
2	2	561	SLV_Ex		3.9604	-87.0713	18.829	5.85
2	2	543	SLV_Ex		2.6735	-158.1732	15.762	5.85
2	2	595	SLV_Ex		-7.7953	-235.4912	-4.945	5.85
2	2	596	SLV_Ex		4.0445	-173.9867	-11.157	5.85
3	3	597	SLU_ENV	Max	0.	0.	0.	-0.84
3	3	596	SLU_ENV	Max	0.	0.	0.	-0.84
3	3	599	SLU_ENV	Max	0.	0.	0.	-0.84
3	3	600	SLU_ENV	Max	0.	0.	0.	-0.84
3	3	597	SLU_ENV	Min	0.	0.	0.	-2.16
3	3	596	SLU_ENV	Min	0.	0.	0.	-2.16
3	3	599	SLU_ENV	Min	0.	0.	0.	-2.16
3	3	600	SLU_ENV	Min	0.	0.	0.	-2.16
3	3	597	SLV_Ex		11.369	-146.9401	13.345	-1.29
3	3	596	SLV_Ex		4.1885	-163.3	3.615	-1.29
3	3	599	SLV_Ex		-36.7019	-205.8288	-4.221	-1.29
3	3	600	SLV_Ex		-38.227	-181.0371	5.082	-1.29
4	4	596	SLU_ENV	Max	0.	0.	0.	2.33
4	4	595	SLU_ENV	Max	0.	0.	0.	2.33
4	4	598	SLU_ENV	Max	0.	0.	0.	2.33
4	4	599	SLU_ENV	Max	0.	0.	0.	2.33
4	4	596	SLU_ENV	Min	0.	0.	0.	0.89
4	4	595	SLU_ENV	Min	0.	0.	0.	0.89
4	4	598	SLU_ENV	Min	0.	0.	0.	0.89
4	4	599	SLU_ENV	Min	0.	0.	0.	0.89
4	4	596	SLV_Ex		6.0393	-164.2939	-4.68	3.1
4	4	595	SLV_Ex		13.7186	-146.4688	-14.734	3.1
4	4	598	SLV_Ex		-38.6375	-176.0682	-5.442	3.1
4	4	599	SLV_Ex		-34.9072	-204.692	4.259	3.1
5	5	633	SLU_ENV	Max	0.	0.	0.	-7.43
5	5	617	SLU_ENV	Max	0.	0.	0.	-7.43
5	5	650	SLU_ENV	Max	0.	0.	0.	-7.43
5	5	651	SLU_ENV	Max	0.	0.	0.	-7.43
5	5	633	SLU_ENV	Min	0.	0.	0.	-19.68
5	5	617	SLU_ENV	Min	0.	0.	0.	-19.68
5	5	650	SLU_ENV	Min	0.	0.	0.	-19.68
5	5	651	SLU_ENV	Min	0.	0.	0.	-19.68
5	5	633	SLV_Ex		16.7432	-155.2968	-16.681	12.43
5	5	617	SLV_Ex		6.4249	-89.0131	-24.237	12.43
5	5	650	SLV_Ex		-8.416	-179.9821	9.842	12.43
5	5	651	SLV_Ex		-2.0119	-243.1611	4.128	12.43
7	7	651	SLU_ENV	Max	0.	0.	0.	-0.84
7	7	650	SLU_ENV	Max	0.	0.	0.	-0.84
7	7	653	SLU_ENV	Max	0.	0.	0.	-0.84
7	7	654	SLU_ENV	Max	0.	0.	0.	-0.84
7	7	651	SLU_ENV	Min	0.	0.	0.	-2.16



Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
7	7	650	SLU_ENV	Min	0.	0.	0.	-2.16
7	7	653	SLU_ENV	Min	0.	0.	0.	-2.16
7	7	654	SLU_ENV	Min	0.	0.	0.	-2.16
7	7	651	SLV_Ex		11.369	-146.9401	13.345	-1.29
7	7	650	SLV_Ex		4.1885	-163.3	3.615	-1.29
7	7	653	SLV_Ex		-36.7019	-205.8288	-4.221	-1.29
7	7	654	SLV_Ex		-38.227	-181.0371	5.082	-1.29
8	8	657	SLU_ENV	Max	0.	0.	0.	2.15
8	8	649	SLU_ENV	Max	0.	0.	0.	2.15
8	8	652	SLU_ENV	Max	0.	0.	0.	2.15
8	8	653	SLU_ENV	Max	0.	0.	0.	2.15
8	8	657	SLU_ENV	Min	0.	0.	0.	0.84
8	8	649	SLU_ENV	Min	0.	0.	0.	0.84
8	8	652	SLU_ENV	Min	0.	0.	0.	0.84
8	8	653	SLU_ENV	Min	0.	0.	0.	0.84
8	8	657	SLV_Ex		6.3375	-166.0017	-5.107	3.71
8	8	649	SLV_Ex		12.795	-146.992	-15.088	3.71
8	8	652	SLV_Ex		-38.3668	-176.2933	-5.267	3.71
8	8	653	SLV_Ex		-35.5993	-205.145	4.282	3.71
9	9	692	SLU_ENV	Max	0.	0.	0.	19.02
9	9	676	SLU_ENV	Max	0.	0.	0.	19.02
9	9	709	SLU_ENV	Max	0.	0.	0.	19.02
9	9	710	SLU_ENV	Max	0.	0.	0.	19.02
9	9	692	SLU_ENV	Min	0.	0.	0.	7.08
9	9	676	SLU_ENV	Min	0.	0.	0.	7.08
9	9	709	SLU_ENV	Min	0.	0.	0.	7.08
9	9	710	SLU_ENV	Min	0.	0.	0.	7.08
9	9	692	SLV_Ex		46.7985	-182.7647	-19.517	41.97
9	9	676	SLV_Ex		13.3709	-87.0256	-34.101	41.97
9	9	709	SLV_Ex		-38.994	-390.4512	8.901	41.97
9	9	710	SLV_Ex		-9.4831	-483.6916	3.397	41.97
10	10	676	SLU_ENV	Max	0.	0.	0.	-8.12
10	10	660	SLU_ENV	Max	0.	0.	0.	-8.12
10	10	708	SLU_ENV	Max	0.	0.	0.	-8.12
10	10	709	SLU_ENV	Max	0.	0.	0.	-8.12
10	10	676	SLU_ENV	Min	0.	0.	0.	-21.3
10	10	660	SLU_ENV	Min	0.	0.	0.	-21.3
10	10	708	SLU_ENV	Min	0.	0.	0.	-21.3
10	10	709	SLU_ENV	Min	0.	0.	0.	-21.3
10	10	676	SLV_Ex		23.7585	-95.492	36.948	-54.21
10	10	660	SLV_Ex		58.9171	-185.601	19.307	-54.21
10	10	708	SLV_Ex		-9.8341	-492.4988	-3.546	-54.21
10	10	709	SLV_Ex		-50.7669	-394.4905	-8.249	-54.21
11	11	710	SLU_ENV	Max	0.	0.	0.	1.95
11	11	709	SLU_ENV	Max	0.	0.	0.	1.95
11	11	712	SLU_ENV	Max	0.	0.	0.	1.95
11	11	713	SLU_ENV	Max	0.	0.	0.	1.95
11	11	710	SLU_ENV	Min	0.	0.	0.	0.71
11	11	709	SLU_ENV	Min	0.	0.	0.	0.71
11	11	712	SLU_ENV	Min	0.	0.	0.	0.71
11	11	713	SLU_ENV	Min	0.	0.	0.	0.71
11	11	710	SLV_Ex		44.3332	-169.5905	17.838	1.27
11	11	709	SLV_Ex		23.336	-194.2978	5.146	1.27
11	11	712	SLV_Ex		-98.9158	-524.5385	-2.862	1.27

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
11	11	713	SLV_Ex		-99.1137	-479.4378	3.278	1.27
12	12	709	SLU_ENV	Max	0.	0.	0.	-0.87
12	12	708	SLU_ENV	Max	0.	0.	0.	-0.87
12	12	711	SLU_ENV	Max	0.	0.	0.	-0.87
12	12	712	SLU_ENV	Max	0.	0.	0.	-0.87
12	12	709	SLU_ENV	Min	0.	0.	0.	-2.32
12	12	708	SLU_ENV	Min	0.	0.	0.	-2.32
12	12	711	SLU_ENV	Min	0.	0.	0.	-2.32
12	12	712	SLU_ENV	Min	0.	0.	0.	-2.32
12	12	709	SLV_Ex		17.4372	-194.3992	-5.303	-2.83
12	12	708	SLV_Ex		39.7885	-170.7847	-17.162	-2.83
12	12	711	SLV_Ex		-99.7006	-480.8075	-3.082	-2.83
12	12	712	SLV_Ex		-99.1818	-525.53	2.613	-2.83
13	13	746	SLU_ENV	Max	0.	0.	0.	19.02
13	13	730	SLU_ENV	Max	0.	0.	0.	19.02
13	13	763	SLU_ENV	Max	0.	0.	0.	19.02
13	13	764	SLU_ENV	Max	0.	0.	0.	19.02
13	13	746	SLU_ENV	Min	0.	0.	0.	7.08
13	13	730	SLU_ENV	Min	0.	0.	0.	7.08
13	13	763	SLU_ENV	Min	0.	0.	0.	7.08
13	13	764	SLU_ENV	Min	0.	0.	0.	7.08
13	13	746	SLV_Ex		46.7985	-182.7647	-19.517	41.97
13	13	730	SLV_Ex		13.3709	-87.0256	-34.101	41.97
13	13	763	SLV_Ex		-38.994	-390.4512	8.901	41.97
13	13	764	SLV_Ex		-9.4831	-483.6916	3.397	41.97
15	15	764	SLU_ENV	Max	0.	0.	0.	1.95
15	15	763	SLU_ENV	Max	0.	0.	0.	1.95
15	15	766	SLU_ENV	Max	0.	0.	0.	1.95
15	15	767	SLU_ENV	Max	0.	0.	0.	1.95
15	15	764	SLU_ENV	Min	0.	0.	0.	0.71
15	15	763	SLU_ENV	Min	0.	0.	0.	0.71
15	15	766	SLU_ENV	Min	0.	0.	0.	0.71
15	15	767	SLU_ENV	Min	0.	0.	0.	0.71
15	15	764	SLV_Ex		44.3332	-169.5905	17.838	1.27
15	15	763	SLV_Ex		23.336	-194.2978	5.146	1.27
15	15	766	SLV_Ex		-98.9158	-524.5385	-2.862	1.27
15	15	767	SLV_Ex		-99.1137	-479.4378	3.278	1.27
16	16	770	SLU_ENV	Max	0.	0.	0.	-0.74
16	16	762	SLU_ENV	Max	0.	0.	0.	-0.74
16	16	765	SLU_ENV	Max	0.	0.	0.	-0.74
16	16	766	SLU_ENV	Max	0.	0.	0.	-0.74
16	16	770	SLU_ENV	Min	0.	0.	0.	-2.03
16	16	762	SLU_ENV	Min	0.	0.	0.	-2.03
16	16	765	SLU_ENV	Min	0.	0.	0.	-2.03
16	16	766	SLU_ENV	Min	0.	0.	0.	-2.03
16	16	770	SLV_Ex		18.854	-200.2933	-6.505	-1.82
16	16	762	SLV_Ex		36.0101	-171.1371	-17.363	-1.82
16	16	765	SLV_Ex		-98.9205	-481.8422	-3.298	-1.82
16	16	766	SLV_Ex		-101.5638	-526.5313	2.995	-1.82
18	18	617	SLU_ENV	Max	0.	0.	0.	-17.16
18	18	771	SLU_ENV	Max	0.	0.	0.	-17.16
18	18	657	SLU_ENV	Max	0.	0.	0.	-17.16
18	18	650	SLU_ENV	Max	0.	0.	0.	-17.16
18	18	617	SLU_ENV	Min	0.	0.	0.	-45.32

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
18	18	771	SLU_ENV	Min	0.	0.	0.	-45.32
18	18	657	SLU_ENV	Min	0.	0.	0.	-45.32
18	18	650	SLU_ENV	Min	0.	0.	0.	-45.32
18	18	617	SLV_Ex		-12.3782	-108.8528	-30.051	27.86
18	18	771	SLV_Ex		-17.1985	-108.7531	-31.316	27.86
18	18	657	SLV_Ex		29.773	-166.6714	10.876	27.86
18	18	650	SLV_Ex		26.1759	-168.6173	10.605	27.86
19	19	771	SLU_ENV	Max	0.	0.	0.	21.21
19	19	601	SLU_ENV	Max	0.	0.	0.	21.21
19	19	649	SLU_ENV	Max	0.	0.	0.	21.21
19	19	657	SLU_ENV	Max	0.	0.	0.	21.21
19	19	771	SLU_ENV	Min	0.	0.	0.	7.93
19	19	601	SLU_ENV	Min	0.	0.	0.	7.93
19	19	649	SLU_ENV	Min	0.	0.	0.	7.93
19	19	657	SLU_ENV	Min	0.	0.	0.	7.93
19	19	771	SLV_Ex		6.821	-88.0098	19.787	5.95
19	19	601	SLV_Ex		3.4281	-159.0421	16.098	5.95
19	19	649	SLV_Ex		-6.8596	-235.388	-5.352	5.95
19	19	657	SLV_Ex		3.6444	-171.2168	-11.55	5.95
20	20	730	SLU_ENV	Max	0.	0.	0.	43.46
20	20	772	SLU_ENV	Max	0.	0.	0.	43.46
20	20	770	SLU_ENV	Max	0.	0.	0.	43.46
20	20	763	SLU_ENV	Max	0.	0.	0.	43.46
20	20	730	SLU_ENV	Min	0.	0.	0.	16.13
20	20	772	SLU_ENV	Min	0.	0.	0.	16.13
20	20	770	SLU_ENV	Min	0.	0.	0.	16.13
20	20	763	SLU_ENV	Min	0.	0.	0.	16.13
20	20	730	SLV_Ex		23.9312	-169.9612	-42.319	90.84
20	20	772	SLV_Ex		21.1258	-168.4527	-43.51	90.84
20	20	770	SLV_Ex		28.7929	-380.4762	15.616	90.84
20	20	763	SLV_Ex		29.661	-383.0853	15.17	90.84
21	21	772	SLU_ENV	Max	0.	0.	0.	-8.35
21	21	714	SLU_ENV	Max	0.	0.	0.	-8.35
21	21	762	SLU_ENV	Max	0.	0.	0.	-8.35
21	21	770	SLU_ENV	Max	0.	0.	0.	-8.35
21	21	772	SLU_ENV	Min	0.	0.	0.	-21.92
21	21	714	SLU_ENV	Min	0.	0.	0.	-21.92
21	21	762	SLU_ENV	Min	0.	0.	0.	-21.92
21	21	770	SLU_ENV	Min	0.	0.	0.	-21.92
21	21	772	SLV_Ex		30.723	-97.7267	37.422	-56.09
21	21	714	SLV_Ex		61.5099	-187.7238	19.714	-56.09
21	21	762	SLV_Ex		-7.4377	-491.8897	-3.96	-56.09
21	21	770	SLV_Ex		-51.13	-388.0697	-8.727	-56.09
34	34	765	SLU_ENV	Max	0.	0.	0.	438.89
34	34	325	SLU_ENV	Max	0.	0.	0.	438.89
34	34	773	SLU_ENV	Max	0.	0.	0.	438.89
34	34	774	SLU_ENV	Max	0.	0.	0.	438.89
34	34	765	SLU_ENV	Min	0.	0.	0.	169.91
34	34	325	SLU_ENV	Min	0.	0.	0.	169.91
34	34	773	SLU_ENV	Min	0.	0.	0.	169.91
34	34	774	SLU_ENV	Min	0.	0.	0.	169.91
34	34	765	SLV_Ex		-20.2485	-2530.686	77.049	387.23
34	34	325	SLV_Ex		475.1826	-1863.6276	67.502	387.23
34	34	773	SLV_Ex		-144.5157	-1148.198	85.904	387.23

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
34	34	774	SLV_Ex		-425.1321	-2034.6703	-82.547	387.23
35	35	774	SLU_ENV	Max	0.	0.	0.	371.45
35	35	773	SLU_ENV	Max	0.	0.	0.	371.45
35	35	775	SLU_ENV	Max	0.	0.	0.	371.45
35	35	776	SLU_ENV	Max	0.	0.	0.	371.45
35	35	774	SLU_ENV	Min	0.	0.	0.	141.
35	35	773	SLU_ENV	Min	0.	0.	0.	141.
35	35	775	SLU_ENV	Min	0.	0.	0.	141.
35	35	776	SLU_ENV	Min	0.	0.	0.	141.
35	35	774	SLV_Ex		-300.7946	-1343.0081	-86.514	335.63
35	35	773	SLV_Ex		-221.5648	-1455.7651	-86.844	335.63
35	35	775	SLV_Ex		-151.4062	-1117.5001	87.041	335.63
35	35	776	SLV_Ex		-225.8297	-1008.3752	86.003	335.63
36	36	776	SLU_ENV	Max	0.	0.	0.	324.29
36	36	775	SLU_ENV	Max	0.	0.	0.	324.29
36	36	777	SLU_ENV	Max	0.	0.	0.	324.29
36	36	778	SLU_ENV	Max	0.	0.	0.	324.29
36	36	776	SLU_ENV	Min	0.	0.	0.	118.29
36	36	775	SLU_ENV	Min	0.	0.	0.	118.29
36	36	777	SLU_ENV	Min	0.	0.	0.	118.29
36	36	778	SLU_ENV	Min	0.	0.	0.	118.29
36	36	776	SLV_Ex		-212.6251	-1113.4786	85.932	302.87
36	36	775	SLV_Ex		-155.7628	-968.405	87.241	302.87
36	36	777	SLV_Ex		-51.282	-675.7733	-82.642	302.87
36	36	778	SLV_Ex		-122.1142	-808.145	-85.417	302.87
37	37	778	SLU_ENV	Max	0.	0.	0.	278.85
37	37	777	SLU_ENV	Max	0.	0.	0.	278.85
37	37	779	SLU_ENV	Max	0.	0.	0.	278.85
37	37	780	SLU_ENV	Max	0.	0.	0.	278.85
37	37	778	SLU_ENV	Min	0.	0.	0.	95.11
37	37	777	SLU_ENV	Min	0.	0.	0.	95.11
37	37	779	SLU_ENV	Min	0.	0.	0.	95.11
37	37	780	SLU_ENV	Min	0.	0.	0.	95.11
37	37	778	SLV_Ex		-100.0763	-731.6035	-83.317	266.75
37	37	777	SLV_Ex		-72.0849	-742.2352	-84.841	266.75
37	37	779	SLV_Ex		-37.7218	-473.794	-84.494	266.75
37	37	780	SLV_Ex		-64.8352	-463.8584	-82.054	266.75
38	38	780	SLU_ENV	Max	0.	0.	0.	240.16
38	38	779	SLU_ENV	Max	0.	0.	0.	240.16
38	38	781	SLU_ENV	Max	0.	0.	0.	240.16
38	38	782	SLU_ENV	Max	0.	0.	0.	240.16
38	38	780	SLU_ENV	Min	0.	0.	0.	73.67
38	38	779	SLU_ENV	Min	0.	0.	0.	73.67
38	38	781	SLU_ENV	Min	0.	0.	0.	73.67
38	38	782	SLU_ENV	Min	0.	0.	0.	73.67
38	38	780	SLV_Ex		-63.2624	-496.1068	-83.512	237.73
38	38	779	SLV_Ex		-40.6738	-446.6168	-83.13	237.73
38	38	781	SLV_Ex		35.0095	-237.0565	-69.622	237.73
38	38	782	SLV_Ex		7.3748	-282.2625	-70.992	237.73
39	39	782	SLU_ENV	Max	0.	0.	0.	202.75
39	39	781	SLU_ENV	Max	0.	0.	0.	202.75
39	39	783	SLU_ENV	Max	0.	0.	0.	202.75
39	39	784	SLU_ENV	Max	0.	0.	0.	202.75
39	39	782	SLU_ENV	Min	0.	0.	0.	51.92

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
39	39	781	SLU_ENV	Min	0.	0.	0.	51.92
39	39	783	SLU_ENV	Min	0.	0.	0.	51.92
39	39	784	SLU_ENV	Min	0.	0.	0.	51.92
39	39	782	SLV_Ex		20.1801	-267.5333	-68.639	207.9
39	39	781	SLV_Ex		19.5935	-261.6805	-72.648	207.9
39	39	783	SLV_Ex		65.741	-81.5159	-53.333	207.9
39	39	784	SLV_Ex		78.0219	-99.3034	-48.336	207.9
40	40	784	SLU_ENV	Max	0.	0.	0.	167.02
40	40	783	SLU_ENV	Max	0.	0.	0.	167.02
40	40	785	SLU_ENV	Max	0.	0.	0.	167.02
40	40	786	SLU_ENV	Max	0.	0.	0.	167.02
40	40	784	SLU_ENV	Min	0.	0.	0.	31.22
40	40	783	SLU_ENV	Min	0.	0.	0.	31.22
40	40	785	SLU_ENV	Min	0.	0.	0.	31.22
40	40	786	SLU_ENV	Min	0.	0.	0.	31.22
40	40	784	SLV_Ex		66.8099	-105.1518	-51.727	182.33
40	40	783	SLV_Ex		70.7866	-82.8527	-50.959	182.33
40	40	785	SLV_Ex		205.8678	-10.0516	-27.534	182.33
40	40	786	SLV_Ex		198.3173	-29.3543	-29.205	182.33
41	41	786	SLU_ENV	Max	0.	0.	0.	17.99
41	41	785	SLU_ENV	Max	0.	0.	0.	17.99
41	41	787	SLU_ENV	Max	0.	0.	0.	17.99
41	41	788	SLU_ENV	Max	0.	0.	0.	17.99
41	41	786	SLU_ENV	Min	0.	0.	0.	10.11
41	41	785	SLU_ENV	Min	0.	0.	0.	10.11
41	41	787	SLU_ENV	Min	0.	0.	0.	10.11
41	41	788	SLU_ENV	Min	0.	0.	0.	10.11
41	41	786	SLV_Ex		205.5842	-28.3266	-29.073	156.87
41	41	785	SLV_Ex		186.5452	-16.4756	-28.962	156.87
41	41	787	SLV_Ex		315.6324	25.1716	-15.318	156.87
41	41	788	SLV_Ex		333.8231	13.7819	-16.538	156.87
42	42	788	SLU_ENV	Max	0.	0.	0.	-10.39
42	42	787	SLU_ENV	Max	0.	0.	0.	-10.39
42	42	789	SLU_ENV	Max	0.	0.	0.	-10.39
42	42	790	SLU_ENV	Max	0.	0.	0.	-10.39
42	42	788	SLU_ENV	Min	0.	0.	0.	-18.47
42	42	787	SLU_ENV	Min	0.	0.	0.	-18.47
42	42	789	SLU_ENV	Min	0.	0.	0.	-18.47
42	42	790	SLU_ENV	Min	0.	0.	0.	-18.47
42	42	788	SLV_Ex		319.3584	13.8465	-17.017	133.41
42	42	787	SLV_Ex		317.9788	21.6619	-15.397	133.41
42	42	789	SLV_Ex		445.7859	41.3444	-11.39	133.41
42	42	790	SLV_Ex		446.9116	33.3763	-12.586	133.41
43	43	790	SLU_ENV	Max	0.	0.	0.	-31.53
43	43	789	SLU_ENV	Max	0.	0.	0.	-31.53
43	43	791	SLU_ENV	Max	0.	0.	0.	-31.53
43	43	792	SLU_ENV	Max	0.	0.	0.	-31.53
43	43	790	SLU_ENV	Min	0.	0.	0.	-167.55
43	43	789	SLU_ENV	Min	0.	0.	0.	-167.55
43	43	791	SLU_ENV	Min	0.	0.	0.	-167.55
43	43	792	SLU_ENV	Min	0.	0.	0.	-167.55
43	43	790	SLV_Ex		449.9325	35.6392	-12.258	111.08
43	43	789	SLV_Ex		427.911	35.5676	-12.081	111.08
43	43	791	SLV_Ex		529.3056	60.1786	-7.519	111.08

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
43	43	792	SLV_Ex		552.1602	58.994	-7.825	111.08
44	44	792	SLU_ENV	Max	0.	0.	0.	-52.29
44	44	791	SLU_ENV	Max	0.	0.	0.	-52.29
44	44	793	SLU_ENV	Max	0.	0.	0.	-52.29
44	44	794	SLU_ENV	Max	0.	0.	0.	-52.29
44	44	792	SLU_ENV	Min	0.	0.	0.	-203.4
44	44	791	SLU_ENV	Min	0.	0.	0.	-203.4
44	44	793	SLU_ENV	Min	0.	0.	0.	-203.4
44	44	794	SLU_ENV	Min	0.	0.	0.	-203.4
44	44	792	SLV_Ex		535.4582	58.3651	-8.201	89.28
44	44	791	SLV_Ex		533.4345	58.0563	-7.295	89.28
44	44	793	SLV_Ex		621.4185	67.3439	-6.255	89.28
44	44	794	SLV_Ex		623.6649	67.2548	-7.02	89.28
45	45	794	SLU_ENV	Max	0.	0.	0.	-74.15
45	45	793	SLU_ENV	Max	0.	0.	0.	-74.15
45	45	795	SLU_ENV	Max	0.	0.	0.	-74.15
45	45	796	SLU_ENV	Max	0.	0.	0.	-74.15
45	45	794	SLU_ENV	Min	0.	0.	0.	-240.98
45	45	793	SLU_ENV	Min	0.	0.	0.	-240.98
45	45	795	SLU_ENV	Min	0.	0.	0.	-240.98
45	45	796	SLU_ENV	Min	0.	0.	0.	-240.98
45	45	794	SLV_Ex		635.684	71.2995	-6.245	70.08
45	45	793	SLV_Ex		597.1515	60.6041	-7.194	70.08
45	45	795	SLV_Ex		659.7432	89.8864	-3.042	70.08
45	45	796	SLV_Ex		700.8454	97.5237	-2.335	70.08
46	46	796	SLU_ENV	Max	0.	0.	0.	-95.75
46	46	795	SLU_ENV	Max	0.	0.	0.	-95.75
46	46	797	SLU_ENV	Max	0.	0.	0.	-95.75
46	46	798	SLU_ENV	Max	0.	0.	0.	-95.75
46	46	796	SLU_ENV	Min	0.	0.	0.	-279.95
46	46	795	SLU_ENV	Min	0.	0.	0.	-279.95
46	46	797	SLU_ENV	Min	0.	0.	0.	-279.95
46	46	798	SLU_ENV	Min	0.	0.	0.	-279.95
46	46	796	SLV_Ex		672.1289	97.2321	-2.767	50.12
46	46	795	SLV_Ex		680.499	88.663	-2.583	50.12
46	46	797	SLV_Ex		731.7364	96.0758	-3.285	50.12
46	46	798	SLV_Ex		723.0304	105.1522	-3.48	50.12
47	47	798	SLU_ENV	Max	0.	0.	0.	-119.15
47	47	797	SLU_ENV	Max	0.	0.	0.	-119.15
47	47	799	SLU_ENV	Max	0.	0.	0.	-119.15
47	47	800	SLU_ENV	Max	0.	0.	0.	-119.15
47	47	798	SLU_ENV	Min	0.	0.	0.	-325.79
47	47	797	SLU_ENV	Min	0.	0.	0.	-325.79
47	47	799	SLU_ENV	Min	0.	0.	0.	-325.79
47	47	800	SLU_ENV	Min	0.	0.	0.	-325.79
47	47	798	SLV_Ex		777.5822	114.9701	-2.213	34.44
47	47	797	SLV_Ex		682.9303	86.6122	-4.72	34.44
47	47	799	SLV_Ex		714.4948	127.9563	3.772	34.44
47	47	800	SLV_Ex		818.184	146.3576	5.304	34.44
48	48	800	SLU_ENV	Max	0.	0.	0.	-142.2
48	48	799	SLU_ENV	Max	0.	0.	0.	-142.2
48	48	801	SLU_ENV	Max	0.	0.	0.	-142.2
48	48	802	SLU_ENV	Max	0.	0.	0.	-142.2
48	48	800	SLU_ENV	Min	0.	0.	0.	-373.53

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
48	48	799	SLU_ENV	Min	0.	0.	0.	-373.53
48	48	801	SLU_ENV	Min	0.	0.	0.	-373.53
48	48	802	SLU_ENV	Min	0.	0.	0.	-373.53
48	48	800	SLV_Ex		739.1541	146.9158	5.477	15.68
48	48	799	SLV_Ex		822.3265	133.0708	3.756	15.68
48	48	801	SLV_Ex		838.1451	150.6871	-3.2	15.68
48	48	802	SLV_Ex		749.7876	170.3943	-2.684	15.68
49	49	802	SLU_ENV	Max	0.	0.	0.	-172.05
49	49	801	SLU_ENV	Max	0.	0.	0.	-172.05
49	49	14	SLU_ENV	Max	0.	0.	0.	-172.05
49	49	598	SLU_ENV	Max	0.	0.	0.	-172.05
49	49	802	SLU_ENV	Min	0.	0.	0.	-442.59
49	49	801	SLU_ENV	Min	0.	0.	0.	-442.59
49	49	14	SLU_ENV	Min	0.	0.	0.	-442.59
49	49	598	SLU_ENV	Min	0.	0.	0.	-442.59
49	49	802	SLV_Ex		1218.4227	220.2346	-7.54	0.77
49	49	801	SLV_Ex		647.588	131.0856	6.861	0.77
49	49	14	SLV_Ex		943.5827	-416.7054	28.48	0.77
49	49	598	SLV_Ex		1315.7052	-133.1829	15.775	0.77
50	50	325	SLU_ENV	Max	0.	0.	0.	333.3
50	50	343	SLU_ENV	Max	0.	0.	0.	333.3
50	50	803	SLU_ENV	Max	0.	0.	0.	333.3
50	50	773	SLU_ENV	Max	0.	0.	0.	333.3
50	50	325	SLU_ENV	Min	0.	0.	0.	125.81
50	50	343	SLU_ENV	Min	0.	0.	0.	125.81
50	50	803	SLU_ENV	Min	0.	0.	0.	125.81
50	50	773	SLU_ENV	Min	0.	0.	0.	125.81
50	50	325	SLV_Ex		-212.185	-1775.0711	66.144	270.04
50	50	343	SLV_Ex		-216.2636	-1211.3431	74.249	270.04
50	50	803	SLV_Ex		111.7767	-868.3946	-89.918	270.04
50	50	773	SLV_Ex		12.4295	-1327.9787	75.9	270.04
51	51	773	SLU_ENV	Max	0.	0.	0.	324.58
51	51	803	SLU_ENV	Max	0.	0.	0.	324.58
51	51	804	SLU_ENV	Max	0.	0.	0.	324.58
51	51	775	SLU_ENV	Max	0.	0.	0.	324.58
51	51	773	SLU_ENV	Min	0.	0.	0.	123.29
51	51	803	SLU_ENV	Min	0.	0.	0.	123.29
51	51	804	SLU_ENV	Min	0.	0.	0.	123.29
51	51	775	SLU_ENV	Min	0.	0.	0.	123.29
51	51	773	SLV_Ex		-75.4554	-1420.9399	86.397	282.34
51	51	803	SLV_Ex		80.12	-1186.6837	79.363	282.34
51	51	804	SLV_Ex		-59.8168	-867.6139	86.793	282.34
51	51	775	SLV_Ex		-175.4493	-1139.3724	-83.994	282.34
52	52	775	SLU_ENV	Max	0.	0.	0.	294.83
52	52	804	SLU_ENV	Max	0.	0.	0.	294.83
52	52	805	SLU_ENV	Max	0.	0.	0.	294.83
52	52	777	SLU_ENV	Max	0.	0.	0.	294.83
52	52	775	SLU_ENV	Min	0.	0.	0.	108.62
52	52	804	SLU_ENV	Min	0.	0.	0.	108.62
52	52	805	SLU_ENV	Min	0.	0.	0.	108.62
52	52	777	SLU_ENV	Min	0.	0.	0.	108.62
52	52	775	SLV_Ex		-147.5233	-954.8339	-88.086	271.21
52	52	804	SLV_Ex		-82.7775	-959.1514	-88.247	271.21
52	52	805	SLV_Ex		-29.6084	-686.8087	-88.782	271.21

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
52	52	777	SLV_Ex		-93.7279	-683.1206	-88.627	271.21
53	53	777	SLU_ENV	Max	0.	0.	0.	259.57
53	53	805	SLU_ENV	Max	0.	0.	0.	259.57
53	53	806	SLU_ENV	Max	0.	0.	0.	259.57
53	53	779	SLU_ENV	Max	0.	0.	0.	259.57
53	53	777	SLU_ENV	Min	0.	0.	0.	90.05
53	53	805	SLU_ENV	Min	0.	0.	0.	90.05
53	53	806	SLU_ENV	Min	0.	0.	0.	90.05
53	53	779	SLU_ENV	Min	0.	0.	0.	90.05
53	53	777	SLV_Ex		-86.9497	-732.7828	-87.822	249.11
53	53	805	SLV_Ex		-38.9101	-651.7222	-89.609	249.11
53	53	806	SLV_Ex		-2.346	-411.8579	-82.062	249.11
53	53	779	SLV_Ex		-48.0506	-494.2565	-79.992	249.11
54	54	779	SLU_ENV	Max	0.	0.	0.	223.91
54	54	806	SLU_ENV	Max	0.	0.	0.	223.91
54	54	807	SLU_ENV	Max	0.	0.	0.	223.91
54	54	781	SLU_ENV	Max	0.	0.	0.	223.91
54	54	779	SLU_ENV	Min	0.	0.	0.	70.4
54	54	806	SLU_ENV	Min	0.	0.	0.	70.4
54	54	807	SLU_ENV	Min	0.	0.	0.	70.4
54	54	781	SLU_ENV	Min	0.	0.	0.	70.4
54	54	779	SLV_Ex		-36.5658	-450.4872	-79.785	224.95
54	54	806	SLV_Ex		-12.5294	-449.3094	-82.075	224.95
54	54	807	SLV_Ex		22.0274	-227.5752	-77.569	224.95
54	54	781	SLV_Ex		1.3582	-231.9549	-73.049	224.95
55	55	781	SLU_ENV	Max	0.	0.	0.	188.48
55	55	807	SLU_ENV	Max	0.	0.	0.	188.48
55	55	808	SLU_ENV	Max	0.	0.	0.	188.48
55	55	783	SLU_ENV	Max	0.	0.	0.	188.48
55	55	781	SLU_ENV	Min	0.	0.	0.	50.46
55	55	807	SLU_ENV	Min	0.	0.	0.	50.46
55	55	808	SLU_ENV	Min	0.	0.	0.	50.46
55	55	783	SLU_ENV	Min	0.	0.	0.	50.46
55	55	781	SLV_Ex		2.2635	-253.0009	-74.629	200.45
55	55	807	SLV_Ex		18.0585	-215.9307	-76.649	200.45
55	55	808	SLV_Ex		88.9813	-60.28	-52.068	200.45
55	55	783	SLV_Ex		75.9522	-99.5164	-52.112	200.45
56	56	783	SLU_ENV	Max	0.	0.	0.	143.96
56	56	808	SLU_ENV	Max	0.	0.	0.	143.96
56	56	809	SLU_ENV	Max	0.	0.	0.	143.96
56	56	785	SLU_ENV	Max	0.	0.	0.	143.96
56	56	783	SLU_ENV	Min	0.	0.	0.	30.17
56	56	808	SLU_ENV	Min	0.	0.	0.	30.17
56	56	809	SLU_ENV	Min	0.	0.	0.	30.17
56	56	785	SLU_ENV	Min	0.	0.	0.	30.17
56	56	783	SLV_Ex		85.0678	-89.676	-50.539	175.81
56	56	808	SLV_Ex		76.0647	-76.2645	-55.105	175.81
56	56	809	SLV_Ex		179.5528	15.6567	-25.533	175.81
56	56	785	SLV_Ex		195.0872	-4.0071	-25.8	175.81
57	57	785	SLU_ENV	Max	0.	0.	0.	26.82
57	57	809	SLU_ENV	Max	0.	0.	0.	26.82
57	57	810	SLU_ENV	Max	0.	0.	0.	26.82
57	57	787	SLU_ENV	Max	0.	0.	0.	26.82
57	57	785	SLU_ENV	Min	0.	0.	0.	10.1



Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax KN-m/m	MMin KN-m/m	MAngle Degrees	V13 KN/m
57	57	809	SLU_ENV	Min	0.	0.	0.	10.1
57	57	810	SLU_ENV	Min	0.	0.	0.	10.1
57	57	787	SLU_ENV	Min	0.	0.	0.	10.1
57	57	785	SLV_Ex		181.616	-5.2008	-27.552	152.2
57	57	809	SLV_Ex		183.1846	12.3813	-24.9	152.2
57	57	810	SLV_Ex		324.1743	41.5227	-15.295	152.2
57	57	787	SLV_Ex		320.5978	26.3585	-17.244	152.2
58	58	787	SLU_ENV	Max	0.	0.	0.	-10.23
58	58	810	SLU_ENV	Max	0.	0.	0.	-10.23
58	58	811	SLU_ENV	Max	0.	0.	0.	-10.23
58	58	789	SLU_ENV	Max	0.	0.	0.	-10.23
58	58	787	SLU_ENV	Min	0.	0.	0.	-27.05
58	58	810	SLU_ENV	Min	0.	0.	0.	-27.05
58	58	811	SLU_ENV	Min	0.	0.	0.	-27.05
58	58	789	SLU_ENV	Min	0.	0.	0.	-27.05
58	58	787	SLV_Ex		326.3718	29.3568	-16.988	128.99
58	58	810	SLV_Ex		307.1308	35.5479	-16.054	128.99
58	58	811	SLV_Ex		425.145	60.4638	-9.657	128.99
58	58	789	SLV_Ex		444.1994	54.7913	-10.713	128.99
59	59	789	SLU_ENV	Max	0.	0.	0.	-30.32
59	59	811	SLU_ENV	Max	0.	0.	0.	-30.32
59	59	812	SLU_ENV	Max	0.	0.	0.	-30.32
59	59	791	SLU_ENV	Max	0.	0.	0.	-30.32
59	59	789	SLU_ENV	Min	0.	0.	0.	-144.2
59	59	811	SLU_ENV	Min	0.	0.	0.	-144.2
59	59	812	SLU_ENV	Min	0.	0.	0.	-144.2
59	59	791	SLU_ENV	Min	0.	0.	0.	-144.2
59	59	789	SLV_Ex		428.8198	55.0608	-10.985	106.57
59	59	811	SLV_Ex		427.8652	57.2503	-9.685	106.57
59	59	812	SLV_Ex		532.3426	71.3918	-7.91	106.57
59	59	791	SLV_Ex		533.5743	69.1735	-8.939	106.57
60	60	791	SLU_ENV	Max	0.	0.	0.	-50.61
60	60	812	SLU_ENV	Max	0.	0.	0.	-50.61
60	60	813	SLU_ENV	Max	0.	0.	0.	-50.61
60	60	793	SLU_ENV	Max	0.	0.	0.	-50.61
60	60	791	SLU_ENV	Min	0.	0.	0.	-188.74
60	60	812	SLU_ENV	Min	0.	0.	0.	-188.74
60	60	813	SLU_ENV	Min	0.	0.	0.	-188.74
60	60	793	SLU_ENV	Min	0.	0.	0.	-188.74
60	60	791	SLV_Ex		541.7863	72.3154	-8.68	84.92
60	60	812	SLV_Ex		512.8599	65.8084	-8.34	84.92
60	60	813	SLV_Ex		591.5436	82.4802	-4.953	84.92
60	60	793	SLV_Ex		621.4695	88.3775	-5.37	84.92
61	61	793	SLU_ENV	Max	0.	0.	0.	-70.56
61	61	813	SLU_ENV	Max	0.	0.	0.	-70.56
61	61	814	SLU_ENV	Max	0.	0.	0.	-70.56
61	61	795	SLU_ENV	Max	0.	0.	0.	-70.56
61	61	793	SLU_ENV	Min	0.	0.	0.	-224.19
61	61	813	SLU_ENV	Min	0.	0.	0.	-224.19
61	61	814	SLU_ENV	Min	0.	0.	0.	-224.19
61	61	795	SLU_ENV	Min	0.	0.	0.	-224.19
61	61	793	SLV_Ex		599.6125	88.6614	-5.392	63.74
61	61	813	SLV_Ex		599.1899	79.2907	-5.036	63.74
61	61	814	SLV_Ex		662.8057	89.6304	-4.716	63.74

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
61	61	795	SLV_Ex		663.3132	98.9825	-5.032	63.74
62	62	795	SLU_ENV	Max	0.	0.	0.	-90.19
62	62	814	SLU_ENV	Max	0.	0.	0.	-90.19
62	62	815	SLU_ENV	Max	0.	0.	0.	-90.19
62	62	797	SLU_ENV	Max	0.	0.	0.	-90.19
62	62	795	SLU_ENV	Min	0.	0.	0.	-259.8
62	62	814	SLU_ENV	Min	0.	0.	0.	-259.8
62	62	815	SLU_ENV	Min	0.	0.	0.	-259.8
62	62	797	SLU_ENV	Min	0.	0.	0.	-259.8
62	62	795	SLV_Ex		689.9916	104.1883	-5.091	43.
62	62	814	SLV_Ex		631.8704	83.4706	-4.704	43.
62	62	815	SLV_Ex		670.154	88.9398	-0.377	43.
62	62	797	SLV_Ex		729.7119	108.8307	-0.994	43.
63	63	797	SLU_ENV	Max	0.	0.	0.	-108.61
63	63	815	SLU_ENV	Max	0.	0.	0.	-108.61
63	63	816	SLU_ENV	Max	0.	0.	0.	-108.61
63	63	799	SLU_ENV	Max	0.	0.	0.	-108.61
63	63	797	SLU_ENV	Min	0.	0.	0.	-294.79
63	63	815	SLU_ENV	Min	0.	0.	0.	-294.79
63	63	816	SLU_ENV	Min	0.	0.	0.	-294.79
63	63	799	SLU_ENV	Min	0.	0.	0.	-294.79
63	63	797	SLV_Ex		685.2522	107.8281	-0.163	22.9
63	63	815	SLV_Ex		690.935	85.1458	-1.182	22.9
63	63	816	SLV_Ex		714.6045	100.8794	-1.896	22.9
63	63	799	SLV_Ex		707.9953	124.3648	-0.927	22.9
64	64	799	SLU_ENV	Max	0.	0.	0.	-122.79
64	64	816	SLU_ENV	Max	0.	0.	0.	-122.79
64	64	817	SLU_ENV	Max	0.	0.	0.	-122.79
64	64	801	SLU_ENV	Max	0.	0.	0.	-122.79
64	64	799	SLU_ENV	Min	0.	0.	0.	-323.69
64	64	816	SLU_ENV	Min	0.	0.	0.	-323.69
64	64	817	SLU_ENV	Min	0.	0.	0.	-323.69
64	64	801	SLU_ENV	Min	0.	0.	0.	-323.69
64	64	799	SLV_Ex		820.8845	135.5127	-5.033	-9.761E-02
64	64	816	SLV_Ex		641.963	90.5881	3.033	-9.761E-02
64	64	817	SLV_Ex		673.8225	-39.3077	13.064	-9.761E-02
64	64	801	SLV_Ex		824.3501	35.5768	4.964	-9.761E-02
65	65	801	SLU_ENV	Max	0.	0.	0.	-122.76
65	65	817	SLU_ENV	Max	0.	0.	0.	-122.76
65	65	1	SLU_ENV	Max	0.	0.	0.	-122.76
65	65	14	SLU_ENV	Max	0.	0.	0.	-122.76
65	65	801	SLU_ENV	Min	0.	0.	0.	-327.95
65	65	817	SLU_ENV	Min	0.	0.	0.	-327.95
65	65	1	SLU_ENV	Min	0.	0.	0.	-327.95
65	65	14	SLU_ENV	Min	0.	0.	0.	-327.95
65	65	801	SLV_Ex		743.3791	-53.8819	17.624	-14.77
65	65	817	SLV_Ex		434.391	-50.8642	-0.504	-14.77
65	65	1	SLV_Ex		507.4775	113.7344	28.303	-14.77
65	65	14	SLV_Ex		906.4691	21.194	32.126	-14.77
66	66	343	SLU_ENV	Max	0.	0.	0.	288.94
66	66	361	SLU_ENV	Max	0.	0.	0.	288.94
66	66	818	SLU_ENV	Max	0.	0.	0.	288.94
66	66	803	SLU_ENV	Max	0.	0.	0.	288.94
66	66	343	SLU_ENV	Min	0.	0.	0.	115.83

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
66	66	361	SLU_ENV	Min	0.	0.	0.	115.83
66	66	818	SLU_ENV	Min	0.	0.	0.	115.83
66	66	803	SLU_ENV	Min	0.	0.	0.	115.83
66	66	343	SLV_Ex		-232.5575	-1150.1869	83.582	223.7
66	66	361	SLV_Ex		-160.2583	-1199.6077	86.056	223.7
66	66	818	SLV_Ex		-68.9688	-988.9924	82.042	223.7
66	66	803	SLV_Ex		-134.87	-945.7405	78.627	223.7
67	67	803	SLU_ENV	Max	0.	0.	0.	291.64
67	67	818	SLU_ENV	Max	0.	0.	0.	291.64
67	67	819	SLU_ENV	Max	0.	0.	0.	291.64
67	67	804	SLU_ENV	Max	0.	0.	0.	291.64
67	67	803	SLU_ENV	Min	0.	0.	0.	114.5
67	67	818	SLU_ENV	Min	0.	0.	0.	114.5
67	67	819	SLU_ENV	Min	0.	0.	0.	114.5
67	67	804	SLU_ENV	Min	0.	0.	0.	114.5
67	67	803	SLV_Ex		-164.041	-1189.1349	79.522	256.19
67	67	818	SLV_Ex		-101.2328	-1026.6917	83.763	256.19
67	67	819	SLV_Ex		29.8014	-759.1888	89.486	256.19
67	67	804	SLV_Ex		-45.9553	-908.5819	83.948	256.19
68	68	804	SLU_ENV	Max	0.	0.	0.	265.96
68	68	819	SLU_ENV	Max	0.	0.	0.	265.96
68	68	820	SLU_ENV	Max	0.	0.	0.	265.96
68	68	805	SLU_ENV	Max	0.	0.	0.	265.96
68	68	804	SLU_ENV	Min	0.	0.	0.	100.9
68	68	819	SLU_ENV	Min	0.	0.	0.	100.9
68	68	820	SLU_ENV	Min	0.	0.	0.	100.9
68	68	805	SLU_ENV	Min	0.	0.	0.	100.9
68	68	804	SLV_Ex		-55.1596	-947.7609	88.919	244.14
68	68	819	SLV_Ex		12.103	-843.82	84.61	244.14
68	68	820	SLV_Ex		-14.2276	-593.8159	89.355	244.14
68	68	805	SLV_Ex		-71.8967	-706.3023	-84.852	244.14
69	69	805	SLU_ENV	Max	0.	0.	0.	237.9
69	69	820	SLU_ENV	Max	0.	0.	0.	237.9
69	69	821	SLU_ENV	Max	0.	0.	0.	237.9
69	69	806	SLU_ENV	Max	0.	0.	0.	237.9
69	69	805	SLU_ENV	Min	0.	0.	0.	85.42
69	69	820	SLU_ENV	Min	0.	0.	0.	85.42
69	69	821	SLU_ENV	Min	0.	0.	0.	85.42
69	69	806	SLU_ENV	Min	0.	0.	0.	85.42
69	69	805	SLV_Ex		-63.0792	-649.2698	-87.254	231.92
69	69	820	SLV_Ex		-23.5478	-634.8812	-87.986	231.92
69	69	821	SLV_Ex		16.3324	-403.4581	-86.445	231.92
69	69	806	SLV_Ex		-22.4253	-418.5984	-85.27	231.92
70	70	806	SLU_ENV	Max	0.	0.	0.	205.42
70	70	821	SLU_ENV	Max	0.	0.	0.	205.42
70	70	822	SLU_ENV	Max	0.	0.	0.	205.42
70	70	807	SLU_ENV	Max	0.	0.	0.	205.42
70	70	806	SLU_ENV	Min	0.	0.	0.	67.36
70	70	821	SLU_ENV	Min	0.	0.	0.	67.36
70	70	822	SLU_ENV	Min	0.	0.	0.	67.36
70	70	807	SLU_ENV	Min	0.	0.	0.	67.36
70	70	806	SLV_Ex		-17.4212	-440.8024	-84.37	211.74
70	70	821	SLV_Ex		9.8441	-391.9013	-87.492	211.74
70	70	822	SLV_Ex		36.222	-190.2604	-77.864	211.74

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
70	70	807	SLV_Ex		14.8338	-244.4256	-73.574	211.74
71	71	807	SLU_ENV	Max	0.	0.	0.	173.44
71	71	822	SLU_ENV	Max	0.	0.	0.	173.44
71	71	823	SLU_ENV	Max	0.	0.	0.	173.44
71	71	808	SLU_ENV	Max	0.	0.	0.	173.44
71	71	807	SLU_ENV	Min	0.	0.	0.	48.61
71	71	822	SLU_ENV	Min	0.	0.	0.	48.61
71	71	823	SLU_ENV	Min	0.	0.	0.	48.61
71	71	808	SLU_ENV	Min	0.	0.	0.	48.61
71	71	807	SLV_Ex		19.7617	-219.4588	-73.654	190.88
71	71	822	SLV_Ex		31.3625	-213.5619	-77.446	190.88
71	71	823	SLV_Ex		71.8291	-38.6812	-60.017	190.88
71	71	808	SLV_Ex		70.7601	-54.976	-52.925	190.88
72	72	808	SLU_ENV	Max	0.	0.	0.	149.12
72	72	823	SLU_ENV	Max	0.	0.	0.	149.12
72	72	824	SLU_ENV	Max	0.	0.	0.	149.12
72	72	809	SLU_ENV	Max	0.	0.	0.	149.12
72	72	808	SLU_ENV	Min	0.	0.	0.	29.32
72	72	823	SLU_ENV	Min	0.	0.	0.	29.32
72	72	824	SLU_ENV	Min	0.	0.	0.	29.32
72	72	809	SLU_ENV	Min	0.	0.	0.	29.32
72	72	808	SLV_Ex		68.3285	-64.5053	-56.188	168.48
72	72	823	SLV_Ex		70.5361	-33.5834	-57.658	168.48
72	72	824	SLV_Ex		190.8457	32.5631	-24.236	168.48
72	72	809	SLV_Ex		184.6774	5.9949	-27.736	168.48
73	73	809	SLU_ENV	Max	0.	0.	0.	15.18
73	73	824	SLU_ENV	Max	0.	0.	0.	15.18
73	73	825	SLU_ENV	Max	0.	0.	0.	15.18
73	73	810	SLU_ENV	Max	0.	0.	0.	15.18
73	73	809	SLU_ENV	Min	0.	0.	0.	2.27
73	73	824	SLU_ENV	Min	0.	0.	0.	2.27
73	73	825	SLU_ENV	Min	0.	0.	0.	2.27
73	73	810	SLU_ENV	Min	0.	0.	0.	2.27
73	73	809	SLV_Ex		192.6716	11.9777	-26.644	145.95
73	73	824	SLV_Ex		177.3765	24.8317	-26.127	145.95
73	73	825	SLV_Ex		305.3348	58.8023	-12.635	145.95
73	73	810	SLV_Ex		319.1977	47.5917	-14.235	145.95
74	74	810	SLU_ENV	Max	0.	0.	0.	-2.23
74	74	825	SLU_ENV	Max	0.	0.	0.	-2.23
74	74	826	SLU_ENV	Max	0.	0.	0.	-2.23
74	74	811	SLU_ENV	Max	0.	0.	0.	-2.23
74	74	810	SLU_ENV	Min	0.	0.	0.	-15.14
74	74	825	SLU_ENV	Min	0.	0.	0.	-15.14
74	74	826	SLU_ENV	Min	0.	0.	0.	-15.14
74	74	811	SLU_ENV	Min	0.	0.	0.	-15.14
74	74	810	SLV_Ex		307.127	48.3225	-14.788	123.45
74	74	825	SLV_Ex		309.3183	55.8643	-12.487	123.45
74	74	826	SLV_Ex		430.3354	71.6525	-9.471	123.45
74	74	811	SLV_Ex		427.7111	64.7858	-11.103	123.45
75	75	811	SLU_ENV	Max	0.	0.	0.	-29.29
75	75	826	SLU_ENV	Max	0.	0.	0.	-29.29
75	75	827	SLU_ENV	Max	0.	0.	0.	-29.29
75	75	812	SLU_ENV	Max	0.	0.	0.	-29.29
75	75	811	SLU_ENV	Min	0.	0.	0.	-149.04

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
75	75	826	SLU_ENV	Min	0.	0.	0.	-149.04
75	75	827	SLU_ENV	Min	0.	0.	0.	-149.04
75	75	812	SLU_ENV	Min	0.	0.	0.	-149.04
75	75	811	SLV_Ex		435.2494	67.7326	-10.953	101.
75	75	826	SLV_Ex		414.7073	66.9129	-9.786	101.
75	75	827	SLV_Ex		510.1457	81.3848	-6.105	101.
75	75	812	SLV_Ex		530.5783	82.5835	-7.192	101.
76	76	812	SLU_ENV	Max	0.	0.	0.	-48.54
76	76	827	SLU_ENV	Max	0.	0.	0.	-48.54
76	76	828	SLU_ENV	Max	0.	0.	0.	-48.54
76	76	813	SLU_ENV	Max	0.	0.	0.	-48.54
76	76	812	SLU_ENV	Min	0.	0.	0.	-173.3
76	76	827	SLU_ENV	Min	0.	0.	0.	-173.3
76	76	828	SLU_ENV	Min	0.	0.	0.	-173.3
76	76	813	SLU_ENV	Min	0.	0.	0.	-173.3
76	76	812	SLV_Ex		515.5549	83.6455	-7.161	79.
76	76	827	SLV_Ex		514.4283	78.0974	-6.282	79.
76	76	828	SLV_Ex		592.8953	87.9328	-5.559	79.
76	76	813	SLV_Ex		594.0838	93.5159	-6.306	79.
77	77	813	SLU_ENV	Max	0.	0.	0.	-67.2
77	77	828	SLU_ENV	Max	0.	0.	0.	-67.2
77	77	829	SLU_ENV	Max	0.	0.	0.	-67.2
77	77	814	SLU_ENV	Max	0.	0.	0.	-67.2
77	77	813	SLU_ENV	Min	0.	0.	0.	-205.14
77	77	828	SLU_ENV	Min	0.	0.	0.	-205.14
77	77	829	SLU_ENV	Min	0.	0.	0.	-205.14
77	77	814	SLU_ENV	Min	0.	0.	0.	-205.14
77	77	813	SLV_Ex		607.7194	96.3868	-6.551	56.58
77	77	828	SLV_Ex		571.7001	83.3522	-5.376	56.58
77	77	829	SLV_Ex		624.2712	85.006	-2.321	56.58
77	77	814	SLV_Ex		660.4598	98.2473	-3.496	56.58
78	78	814	SLU_ENV	Max	0.	0.	0.	-85.09
78	78	829	SLU_ENV	Max	0.	0.	0.	-85.09
78	78	830	SLU_ENV	Max	0.	0.	0.	-85.09
78	78	815	SLU_ENV	Max	0.	0.	0.	-85.09
78	78	814	SLU_ENV	Min	0.	0.	0.	-237.32
78	78	829	SLU_ENV	Min	0.	0.	0.	-237.32
78	78	830	SLU_ENV	Min	0.	0.	0.	-237.32
78	78	815	SLU_ENV	Min	0.	0.	0.	-237.32
78	78	814	SLV_Ex		636.3905	99.1107	-2.819	35.31
78	78	829	SLV_Ex		627.7641	80.1405	-3.08	35.31
78	78	830	SLV_Ex		662.8592	90.7328	-2.57	35.31
78	78	815	SLV_Ex		671.1686	109.9734	-2.313	35.31
79	79	815	SLU_ENV	Max	0.	0.	0.	-100.23
79	79	830	SLU_ENV	Max	0.	0.	0.	-100.23
79	79	831	SLU_ENV	Max	0.	0.	0.	-100.23
79	79	816	SLU_ENV	Max	0.	0.	0.	-100.23
79	79	815	SLU_ENV	Min	0.	0.	0.	-264.78
79	79	830	SLU_ENV	Min	0.	0.	0.	-264.78
79	79	831	SLU_ENV	Min	0.	0.	0.	-264.78
79	79	816	SLU_ENV	Min	0.	0.	0.	-264.78
79	79	815	SLV_Ex		699.9499	113.1201	-4.121	11.16
79	79	830	SLV_Ex		623.5747	84.2272	-0.705	11.16
79	79	831	SLV_Ex		636.935	45.2858	4.396	11.16

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
79	79	816	SLV_Ex		709.4522	78.6988	0.889	11.16
80	80	816	SLU_ENV	Max	0.	0.	0.	-113.03
80	80	831	SLU_ENV	Max	0.	0.	0.	-113.03
80	80	832	SLU_ENV	Max	0.	0.	0.	-113.03
80	80	817	SLU_ENV	Max	0.	0.	0.	-113.03
80	80	816	SLU_ENV	Min	0.	0.	0.	-289.06
80	80	831	SLU_ENV	Min	0.	0.	0.	-289.06
80	80	832	SLU_ENV	Min	0.	0.	0.	-289.06
80	80	817	SLU_ENV	Min	0.	0.	0.	-289.06
80	80	816	SLV_Ex		662.6356	67.681	6.072	-7.06
80	80	831	SLV_Ex		567.6499	29.3345	-0.758	-7.06
80	80	832	SLV_Ex		566.7566	97.7943	6.514	-7.06
80	80	817	SLV_Ex		677.1399	120.7628	13.07	-7.06
81	81	817	SLU_ENV	Max	0.	0.	0.	-113.12
81	81	832	SLU_ENV	Max	0.	0.	0.	-113.12
81	81	29	SLU_ENV	Max	0.	0.	0.	-113.12
81	81	1	SLU_ENV	Max	0.	0.	0.	-113.12
81	81	817	SLU_ENV	Min	0.	0.	0.	-284.21
81	81	832	SLU_ENV	Min	0.	0.	0.	-284.21
81	81	29	SLU_ENV	Min	0.	0.	0.	-284.21
81	81	1	SLU_ENV	Min	0.	0.	0.	-284.21
81	81	817	SLV_Ex		489.9094	97.9693	15.444	-47.61
81	81	832	SLV_Ex		520.4082	66.7816	9.594	-47.61
81	81	29	SLV_Ex		462.7298	95.5921	5.231	-47.61
81	81	1	SLV_Ex		427.3998	131.8817	11.851	-47.61
82	82	361	SLU_ENV	Max	0.	0.	0.	286.16
82	82	379	SLU_ENV	Max	0.	0.	0.	286.16
82	82	833	SLU_ENV	Max	0.	0.	0.	286.16
82	82	818	SLU_ENV	Max	0.	0.	0.	286.16
82	82	361	SLU_ENV	Min	0.	0.	0.	122.46
82	82	379	SLU_ENV	Min	0.	0.	0.	122.46
82	82	833	SLU_ENV	Min	0.	0.	0.	122.46
82	82	818	SLU_ENV	Min	0.	0.	0.	122.46
82	82	361	SLV_Ex		-216.0413	-1223.4235	83.711	236.88
82	82	379	SLV_Ex		-183.4508	-1178.1002	86.621	236.88
82	82	833	SLV_Ex		-82.6797	-938.4002	87.56	236.88
82	82	818	SLV_Ex		-115.6121	-983.8053	84.183	236.88
83	83	818	SLU_ENV	Max	0.	0.	0.	267.16
83	83	833	SLU_ENV	Max	0.	0.	0.	267.16
83	83	834	SLU_ENV	Max	0.	0.	0.	267.16
83	83	819	SLU_ENV	Max	0.	0.	0.	267.16
83	83	818	SLU_ENV	Min	0.	0.	0.	110.82
83	83	833	SLU_ENV	Min	0.	0.	0.	110.82
83	83	834	SLU_ENV	Min	0.	0.	0.	110.82
83	83	819	SLU_ENV	Min	0.	0.	0.	110.82
83	83	818	SLV_Ex		-133.5755	-1024.2587	86.129	234.64
83	83	833	SLV_Ex		-87.1238	-998.275	85.989	234.64
83	83	834	SLV_Ex		-44.5476	-763.1521	85.916	234.64
83	83	819	SLV_Ex		-91.851	-788.0096	86.082	234.64
84	84	819	SLU_ENV	Max	0.	0.	0.	248.14
84	84	834	SLU_ENV	Max	0.	0.	0.	248.14
84	84	835	SLU_ENV	Max	0.	0.	0.	248.14
84	84	820	SLU_ENV	Max	0.	0.	0.	248.14
84	84	819	SLU_ENV	Min	0.	0.	0.	99.

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
84	84	834	SLU_ENV	Min	0.	0.	0.	99.
84	84	835	SLU_ENV	Min	0.	0.	0.	99.
84	84	820	SLU_ENV	Min	0.	0.	0.	99.
84	84	819	SLV_Ex		-97.3373	-849.6765	85.263	235.03
84	84	834	SLV_Ex		-56.2521	-788.0465	87.106	235.03
84	84	835	SLV_Ex		15.8541	-550.5921	-89.911	235.03
84	84	820	SLV_Ex		-26.9363	-610.5955	87.628	235.03
85	85	820	SLU_ENV	Max	0.	0.	0.	218.69
85	85	835	SLU_ENV	Max	0.	0.	0.	218.69
85	85	836	SLU_ENV	Max	0.	0.	0.	218.69
85	85	821	SLU_ENV	Max	0.	0.	0.	218.69
85	85	820	SLU_ENV	Min	0.	0.	0.	82.64
85	85	835	SLU_ENV	Min	0.	0.	0.	82.64
85	85	836	SLU_ENV	Min	0.	0.	0.	82.64
85	85	821	SLU_ENV	Min	0.	0.	0.	82.64
85	85	820	SLV_Ex		-27.5509	-631.7382	-89.531	218.6
85	85	835	SLV_Ex		7.5401	-576.2899	87.268	218.6
85	85	836	SLV_Ex		15.0733	-357.313	-88.576	218.6
85	85	821	SLV_Ex		-15.8644	-416.3892	-83.948	218.6
86	86	821	SLU_ENV	Max	0.	0.	0.	188.58
86	86	836	SLU_ENV	Max	0.	0.	0.	188.58
86	86	837	SLU_ENV	Max	0.	0.	0.	188.58
86	86	822	SLU_ENV	Max	0.	0.	0.	188.58
86	86	821	SLU_ENV	Min	0.	0.	0.	65.72
86	86	836	SLU_ENV	Min	0.	0.	0.	65.72
86	86	837	SLU_ENV	Min	0.	0.	0.	65.72
86	86	822	SLU_ENV	Min	0.	0.	0.	65.72
86	86	821	SLV_Ex		-12.3982	-392.7693	-85.528	202.81
86	86	836	SLV_Ex		10.3299	-380.1156	-86.863	202.81
86	86	837	SLV_Ex		43.8078	-179.0365	-83.112	202.81
86	86	822	SLV_Ex		22.6799	-193.2885	-80.61	202.81
87	87	822	SLU_ENV	Max	0.	0.	0.	155.25
87	87	837	SLU_ENV	Max	0.	0.	0.	155.25
87	87	838	SLU_ENV	Max	0.	0.	0.	155.25
87	87	823	SLU_ENV	Max	0.	0.	0.	155.25
87	87	822	SLU_ENV	Min	0.	0.	0.	47.36
87	87	837	SLU_ENV	Min	0.	0.	0.	47.36
87	87	838	SLU_ENV	Min	0.	0.	0.	47.36
87	87	823	SLU_ENV	Min	0.	0.	0.	47.36
87	87	822	SLV_Ex		26.3926	-206.6501	-79.776	182.41
87	87	837	SLV_Ex		39.1345	-173.1658	-84.345	182.41
87	87	838	SLV_Ex		75.6392	-12.5139	-59.007	182.41
87	87	823	SLV_Ex		72.4146	-55.1565	-56.4	182.41
88	88	823	SLU_ENV	Max	0.	0.	0.	119.33
88	88	838	SLU_ENV	Max	0.	0.	0.	119.33
88	88	839	SLU_ENV	Max	0.	0.	0.	119.33
88	88	824	SLU_ENV	Max	0.	0.	0.	119.33
88	88	823	SLU_ENV	Min	0.	0.	0.	28.69
88	88	838	SLU_ENV	Min	0.	0.	0.	28.69
88	88	839	SLU_ENV	Min	0.	0.	0.	28.69
88	88	824	SLU_ENV	Min	0.	0.	0.	28.69
88	88	823	SLV_Ex		76.3111	-40.1032	-54.795	161.81
88	88	838	SLV_Ex		72.1256	-27.6671	-60.575	161.81
88	88	839	SLV_Ex		172.963	52.5105	-20.428	161.81

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
88	88	824	SLV_Ex		181.8697	35.4421	-22.37	161.81
89	89	824	SLU_ENV	Max	0.	0.	0.	19.74
89	89	839	SLU_ENV	Max	0.	0.	0.	19.74
89	89	840	SLU_ENV	Max	0.	0.	0.	19.74
89	89	825	SLU_ENV	Max	0.	0.	0.	19.74
89	89	824	SLU_ENV	Min	0.	0.	0.	9.62
89	89	839	SLU_ENV	Min	0.	0.	0.	9.62
89	89	840	SLU_ENV	Min	0.	0.	0.	9.62
89	89	825	SLU_ENV	Min	0.	0.	0.	9.62
89	89	824	SLV_Ex		174.4046	34.8122	-24.219	139.92
89	89	839	SLV_Ex		177.0437	51.2678	-19.043	139.92
89	89	840	SLV_Ex		312.8227	68.7391	-11.366	139.92
89	89	825	SLV_Ex		306.9303	55.7584	-14.423	139.92
90	90	825	SLU_ENV	Max	0.	0.	0.	-9.46
90	90	840	SLU_ENV	Max	0.	0.	0.	-9.46
90	90	841	SLU_ENV	Max	0.	0.	0.	-9.46
90	90	826	SLU_ENV	Max	0.	0.	0.	-9.46
90	90	825	SLU_ENV	Min	0.	0.	0.	-19.45
90	90	840	SLU_ENV	Min	0.	0.	0.	-19.45
90	90	841	SLU_ENV	Min	0.	0.	0.	-19.45
90	90	826	SLU_ENV	Min	0.	0.	0.	-19.45
90	90	825	SLV_Ex		315.8234	59.6542	-13.924	117.8
90	90	840	SLV_Ex		300.8472	64.3527	-11.941	117.8
90	90	841	SLV_Ex		413.2551	80.2755	-6.932	117.8
90	90	826	SLV_Ex		427.0057	76.9555	-8.617	117.8
91	91	826	SLU_ENV	Max	0.	0.	0.	-28.51
91	91	841	SLU_ENV	Max	0.	0.	0.	-28.51
91	91	842	SLU_ENV	Max	0.	0.	0.	-28.51
91	91	827	SLU_ENV	Max	0.	0.	0.	-28.51
91	91	826	SLU_ENV	Min	0.	0.	0.	-119.
91	91	841	SLU_ENV	Min	0.	0.	0.	-119.
91	91	842	SLU_ENV	Min	0.	0.	0.	-119.
91	91	827	SLU_ENV	Min	0.	0.	0.	-119.
91	91	826	SLV_Ex		416.5404	78.3701	-8.655	95.6
91	91	841	SLV_Ex		417.4414	77.5207	-7.049	95.6
91	91	842	SLV_Ex		512.5757	87.4102	-6.029	95.6
91	91	827	SLV_Ex		511.5358	88.4969	-7.3	95.6
92	92	827	SLU_ENV	Max	0.	0.	0.	-47.12
92	92	842	SLU_ENV	Max	0.	0.	0.	-47.12
92	92	843	SLU_ENV	Max	0.	0.	0.	-47.12
92	92	828	SLU_ENV	Max	0.	0.	0.	-47.12
92	92	827	SLU_ENV	Min	0.	0.	0.	-154.81
92	92	842	SLU_ENV	Min	0.	0.	0.	-154.81
92	92	843	SLU_ENV	Min	0.	0.	0.	-154.81
92	92	828	SLU_ENV	Min	0.	0.	0.	-154.81
92	92	827	SLV_Ex		521.3582	91.0756	-7.442	72.85
92	92	842	SLV_Ex		497.7653	83.6954	-5.928	72.85
92	92	843	SLV_Ex		567.5577	87.395	-3.351	72.85
92	92	828	SLV_Ex		590.799	95.3419	-4.733	72.85
93	93	828	SLU_ENV	Max	0.	0.	0.	-65.35
93	93	843	SLU_ENV	Max	0.	0.	0.	-65.35
93	93	844	SLU_ENV	Max	0.	0.	0.	-65.35
93	93	829	SLU_ENV	Max	0.	0.	0.	-65.35
93	93	828	SLU_ENV	Min	0.	0.	0.	-187.94



Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
93	93	843	SLU_ENV	Min	0.	0.	0.	-187.94
93	93	844	SLU_ENV	Min	0.	0.	0.	-187.94
93	93	829	SLU_ENV	Min	0.	0.	0.	-187.94
93	93	828	SLV_Ex		575.966	96.8009	-4.24	50.86
93	93	843	SLV_Ex		568.6839	83.3173	-3.942	50.86
93	93	844	SLV_Ex		619.1701	91.6908	-3.29	50.86
93	93	829	SLV_Ex		626.132	105.4674	-3.559	50.86
94	94	829	SLU_ENV	Max	0.	0.	0.	-82.09
94	94	844	SLU_ENV	Max	0.	0.	0.	-82.09
94	94	845	SLU_ENV	Max	0.	0.	0.	-82.09
94	94	830	SLU_ENV	Max	0.	0.	0.	-82.09
94	94	829	SLU_ENV	Min	0.	0.	0.	-217.72
94	94	844	SLU_ENV	Min	0.	0.	0.	-217.72
94	94	845	SLU_ENV	Min	0.	0.	0.	-217.72
94	94	830	SLU_ENV	Min	0.	0.	0.	-217.72
94	94	829	SLV_Ex		636.5599	107.2314	-4.402	26.88
94	94	844	SLV_Ex		595.8607	86.9382	-2.502	26.88
94	94	845	SLV_Ex		621.312	73.633	0.425	26.88
94	94	830	SLV_Ex		661.232	95.0085	-1.443	26.88
95	95	830	SLU_ENV	Max	0.	0.	0.	-98.09
95	95	845	SLU_ENV	Max	0.	0.	0.	-98.09
95	95	846	SLU_ENV	Max	0.	0.	0.	-98.09
95	95	831	SLU_ENV	Max	0.	0.	0.	-98.09
95	95	830	SLU_ENV	Min	0.	0.	0.	-246.55
95	95	845	SLU_ENV	Min	0.	0.	0.	-246.55
95	95	846	SLU_ENV	Min	0.	0.	0.	-246.55
95	95	831	SLU_ENV	Min	0.	0.	0.	-246.55
95	95	830	SLV_Ex		634.2201	93.9423	0.756	5.63
95	95	845	SLV_Ex		596.9236	64.1192	-1.833	5.63
95	95	846	SLV_Ex		602.4845	91.7419	0.761	5.63
95	95	831	SLV_Ex		641.2315	119.9953	3.41	5.63
96	96	831	SLU_ENV	Max	0.	0.	0.	-109.42
96	96	846	SLU_ENV	Max	0.	0.	0.	-109.42
96	96	847	SLU_ENV	Max	0.	0.	0.	-109.42
96	96	832	SLU_ENV	Max	0.	0.	0.	-109.42
96	96	831	SLU_ENV	Min	0.	0.	0.	-264.71
96	96	846	SLU_ENV	Min	0.	0.	0.	-264.71
96	96	847	SLU_ENV	Min	0.	0.	0.	-264.71
96	96	832	SLU_ENV	Min	0.	0.	0.	-264.71
96	96	831	SLV_Ex		586.6976	115.0054	2.381	-24.68
96	96	846	SLV_Ex		570.9521	80.0746	2.095	-24.68
96	96	847	SLV_Ex		546.6499	76.4622	3.008	-24.68
96	96	832	SLV_Ex		562.9449	110.9909	3.34	-24.68
97	97	832	SLU_ENV	Max	0.	0.	0.	-120.4
97	97	847	SLU_ENV	Max	0.	0.	0.	-120.4
97	97	56	SLU_ENV	Max	0.	0.	0.	-120.4
97	97	29	SLU_ENV	Max	0.	0.	0.	-120.4
97	97	832	SLU_ENV	Min	0.	0.	0.	-282.56
97	97	847	SLU_ENV	Min	0.	0.	0.	-282.56
97	97	56	SLU_ENV	Min	0.	0.	0.	-282.56
97	97	29	SLU_ENV	Min	0.	0.	0.	-282.56
97	97	832	SLV_Ex		520.8504	99.2707	6.256	-50.56
97	97	847	SLV_Ex		486.0283	64.9386	0.751	-50.56
97	97	56	SLV_Ex		437.3763	96.8424	3.653	-50.56

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
97	97	29	SLV_Ex		475.9101	127.1625	10.38	-50.56
98	98	379	SLU_ENV	Max	0.	0.	0.	282.1
98	98	397	SLU_ENV	Max	0.	0.	0.	282.1
98	98	848	SLU_ENV	Max	0.	0.	0.	282.1
98	98	833	SLU_ENV	Max	0.	0.	0.	282.1
98	98	379	SLU_ENV	Min	0.	0.	0.	128.07
98	98	397	SLU_ENV	Min	0.	0.	0.	128.07
98	98	848	SLU_ENV	Min	0.	0.	0.	128.07
98	98	833	SLU_ENV	Min	0.	0.	0.	128.07
98	98	379	SLV_Ex		-201.6358	-1187.2548	87.951	246.26
98	98	397	SLV_Ex		-184.6119	-1216.1597	88.699	246.26
98	98	848	SLV_Ex		-120.6492	-971.3976	86.75	246.26
98	98	833	SLV_Ex		-136.0419	-944.422	85.736	246.26
99	99	833	SLU_ENV	Max	0.	0.	0.	258.78
99	99	848	SLU_ENV	Max	0.	0.	0.	258.78
99	99	849	SLU_ENV	Max	0.	0.	0.	258.78
99	99	834	SLU_ENV	Max	0.	0.	0.	258.78
99	99	833	SLU_ENV	Min	0.	0.	0.	113.78
99	99	848	SLU_ENV	Min	0.	0.	0.	113.78
99	99	849	SLU_ENV	Min	0.	0.	0.	113.78
99	99	834	SLU_ENV	Min	0.	0.	0.	113.78
99	99	833	SLV_Ex		-147.2799	-1009.8491	85.466	238.5
99	99	848	SLV_Ex		-122.711	-973.0078	87.289	238.5
99	99	849	SLV_Ex		-46.5412	-732.2999	88.441	238.5
99	99	834	SLV_Ex		-71.1491	-769.4001	86.176	238.5
100	100	834	SLU_ENV	Max	0.	0.	0.	232.03
100	100	849	SLU_ENV	Max	0.	0.	0.	232.03
100	100	850	SLU_ENV	Max	0.	0.	0.	232.03
100	100	835	SLU_ENV	Max	0.	0.	0.	232.03
100	100	834	SLU_ENV	Min	0.	0.	0.	98.22
100	100	849	SLU_ENV	Min	0.	0.	0.	98.22
100	100	850	SLU_ENV	Min	0.	0.	0.	98.22
100	100	835	SLU_ENV	Min	0.	0.	0.	98.22
100	100	834	SLV_Ex		-78.4334	-790.8405	87.825	225.55
100	100	849	SLV_Ex		-50.3236	-762.7479	86.953	225.55
100	100	850	SLV_Ex		-18.0029	-536.1025	87.764	225.55
100	100	835	SLV_Ex		-46.2692	-563.8539	88.96	225.55
101	101	835	SLU_ENV	Max	0.	0.	0.	205.09
101	101	850	SLU_ENV	Max	0.	0.	0.	205.09
101	101	851	SLU_ENV	Max	0.	0.	0.	205.09
101	101	836	SLU_ENV	Max	0.	0.	0.	205.09
101	101	835	SLU_ENV	Min	0.	0.	0.	82.55
101	101	850	SLU_ENV	Min	0.	0.	0.	82.55
101	101	851	SLU_ENV	Min	0.	0.	0.	82.55
101	101	836	SLU_ENV	Min	0.	0.	0.	82.55
101	101	835	SLV_Ex		-47.4708	-580.3604	88.075	214.04
101	101	850	SLV_Ex		-23.4833	-552.4747	88.707	214.04
101	101	851	SLV_Ex		25.3437	-337.719	-89.125	214.04
101	101	836	SLV_Ex		1.4555	-365.8226	89.935	214.04
102	102	836	SLU_ENV	Max	0.	0.	0.	173.22
102	102	851	SLU_ENV	Max	0.	0.	0.	173.22
102	102	852	SLU_ENV	Max	0.	0.	0.	173.22
102	102	837	SLU_ENV	Max	0.	0.	0.	173.22
102	102	836	SLU_ENV	Min	0.	0.	0.	64.91

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
102	102	851	SLU_ENV	Min	0.	0.	0.	64.91
102	102	852	SLU_ENV	Min	0.	0.	0.	64.91
102	102	837	SLU_ENV	Min	0.	0.	0.	64.91
102	102	836	SLV_Ex		2.1598	-378.8853	-88.022	195.32
102	102	851	SLV_Ex		20.9721	-346.1935	88.787	195.32
102	102	852	SLV_Ex		38.3064	-151.9353	-85.928	195.32
102	102	837	SLV_Ex		23.3239	-188.1909	-80.511	195.32
103	103	837	SLU_ENV	Max	0.	0.	0.	139.92
103	103	852	SLU_ENV	Max	0.	0.	0.	139.92
103	103	853	SLU_ENV	Max	0.	0.	0.	139.92
103	103	838	SLU_ENV	Max	0.	0.	0.	139.92
103	103	837	SLU_ENV	Min	0.	0.	0.	47.03
103	103	852	SLU_ENV	Min	0.	0.	0.	47.03
103	103	853	SLU_ENV	Min	0.	0.	0.	47.03
103	103	838	SLU_ENV	Min	0.	0.	0.	47.03
103	103	837	SLV_Ex		24.8652	-175.0279	-81.729	176.98
103	103	852	SLV_Ex		35.6283	-166.4219	-84.517	176.98
103	103	853	SLV_Ex		67.8444	3.8206	-68.125	176.98
103	103	838	SLV_Ex		63.3337	-11.0656	-61.248	176.98
104	104	838	SLU_ENV	Max	0.	0.	0.	99.37
104	104	853	SLU_ENV	Max	0.	0.	0.	99.37
104	104	854	SLU_ENV	Max	0.	0.	0.	99.37
104	104	839	SLU_ENV	Max	0.	0.	0.	99.37
104	104	838	SLU_ENV	Min	0.	0.	0.	28.35
104	104	853	SLU_ENV	Min	0.	0.	0.	28.35
104	104	854	SLU_ENV	Min	0.	0.	0.	28.35
104	104	839	SLU_ENV	Min	0.	0.	0.	28.35
104	104	838	SLV_Ex		65.7598	-19.7667	-62.523	155.97
104	104	853	SLV_Ex		63.9847	9.0293	-68.652	155.97
104	104	854	SLV_Ex		180.5812	61.7593	-15.461	155.97
104	104	839	SLV_Ex		174.2304	41.2694	-22.438	155.97
105	105	839	SLU_ENV	Max	0.	0.	0.	23.91
105	105	854	SLU_ENV	Max	0.	0.	0.	23.91
105	105	855	SLU_ENV	Max	0.	0.	0.	23.91
105	105	840	SLU_ENV	Max	0.	0.	0.	23.91
105	105	839	SLU_ENV	Min	0.	0.	0.	9.61
105	105	854	SLU_ENV	Min	0.	0.	0.	9.61
105	105	855	SLU_ENV	Min	0.	0.	0.	9.61
105	105	840	SLU_ENV	Min	0.	0.	0.	9.61
105	105	839	SLV_Ex		182.6909	46.9671	-20.615	134.79
105	105	854	SLV_Ex		172.1018	57.0705	-17.275	134.79
105	105	855	SLV_Ex		300.718	77.0799	-7.548	134.79
105	105	840	SLV_Ex		308.1859	70.1406	-10.134	134.79
106	106	840	SLU_ENV	Max	0.	0.	0.	-9.36
106	106	855	SLU_ENV	Max	0.	0.	0.	-9.36
106	106	856	SLU_ENV	Max	0.	0.	0.	-9.36
106	106	841	SLU_ENV	Max	0.	0.	0.	-9.36
106	106	840	SLU_ENV	Min	0.	0.	0.	-23.45
106	106	855	SLU_ENV	Min	0.	0.	0.	-23.45
106	106	856	SLU_ENV	Min	0.	0.	0.	-23.45
106	106	841	SLU_ENV	Min	0.	0.	0.	-23.45
106	106	840	SLV_Ex		301.4406	71.3794	-10.455	112.78
106	106	855	SLV_Ex		305.1979	75.2094	-7.386	112.78
106	106	856	SLV_Ex		417.8922	85.094	-6.059	112.78

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
106	106	841	SLV_Ex		413.5603	81.9209	-8.173	112.78
107	107	841	SLU_ENV	Max	0.	0.	0.	-28.07
107	107	856	SLU_ENV	Max	0.	0.	0.	-28.07
107	107	857	SLU_ENV	Max	0.	0.	0.	-28.07
107	107	842	SLU_ENV	Max	0.	0.	0.	-28.07
107	107	841	SLU_ENV	Min	0.	0.	0.	-98.87
107	107	856	SLU_ENV	Min	0.	0.	0.	-98.87
107	107	857	SLU_ENV	Min	0.	0.	0.	-98.87
107	107	842	SLU_ENV	Min	0.	0.	0.	-98.87
107	107	841	SLV_Ex		422.7897	84.8063	-8.087	90.29
107	107	856	SLV_Ex		407.701	82.0367	-6.122	90.29
107	107	857	SLV_Ex		495.9333	88.4947	-3.684	90.29
107	107	842	SLV_Ex		510.2182	92.1633	-5.33	90.29
108	108	842	SLU_ENV	Max	0.	0.	0.	-46.68
108	108	857	SLU_ENV	Max	0.	0.	0.	-46.68
108	108	858	SLU_ENV	Max	0.	0.	0.	-46.68
108	108	843	SLU_ENV	Max	0.	0.	0.	-46.68
108	108	842	SLU_ENV	Min	0.	0.	0.	-139.3
108	108	857	SLU_ENV	Min	0.	0.	0.	-139.3
108	108	858	SLU_ENV	Min	0.	0.	0.	-139.3
108	108	843	SLU_ENV	Min	0.	0.	0.	-139.3
108	108	842	SLV_Ex		501.1419	93.8426	-4.995	67.99
108	108	857	SLV_Ex		498.1794	85.5669	-4.095	67.99
108	108	858	SLV_Ex		566.0761	92.8428	-3.568	67.99
108	108	843	SLV_Ex		568.6814	101.4525	-4.349	67.99
109	109	843	SLU_ENV	Max	0.	0.	0.	-64.45
109	109	858	SLU_ENV	Max	0.	0.	0.	-64.45
109	109	859	SLU_ENV	Max	0.	0.	0.	-64.45
109	109	844	SLU_ENV	Max	0.	0.	0.	-64.45
109	109	843	SLU_ENV	Min	0.	0.	0.	-172.42
109	109	858	SLU_ENV	Min	0.	0.	0.	-172.42
109	109	859	SLU_ENV	Min	0.	0.	0.	-172.42
109	109	844	SLU_ENV	Min	0.	0.	0.	-172.42
109	109	843	SLV_Ex		575.6895	103.36	-4.746	44.41
109	109	858	SLV_Ex		551.7874	89.2798	-3.213	44.41
109	109	859	SLV_Ex		594.8523	85.2193	-1.278	44.41
109	109	844	SLV_Ex		618.2485	99.9339	-2.704	44.41
110	110	844	SLU_ENV	Max	0.	0.	0.	-81.92
110	110	859	SLU_ENV	Max	0.	0.	0.	-81.92
110	110	860	SLU_ENV	Max	0.	0.	0.	-81.92
110	110	845	SLU_ENV	Max	0.	0.	0.	-81.92
110	110	844	SLU_ENV	Min	0.	0.	0.	-203.99
110	110	859	SLU_ENV	Min	0.	0.	0.	-203.99
110	110	860	SLU_ENV	Min	0.	0.	0.	-203.99
110	110	845	SLU_ENV	Min	0.	0.	0.	-203.99
110	110	844	SLV_Ex		602.9466	100.7887	-1.617	22.12
110	110	859	SLV_Ex		585.7829	79.6061	-2.431	22.12
110	110	860	SLV_Ex		607.639	92.3298	-1.28	22.12
110	110	845	SLV_Ex		624.3559	113.821	-0.474	22.12
111	111	845	SLU_ENV	Max	0.	0.	0.	-97.36
111	111	860	SLU_ENV	Max	0.	0.	0.	-97.36
111	111	861	SLU_ENV	Max	0.	0.	0.	-97.36
111	111	846	SLU_ENV	Max	0.	0.	0.	-97.36
111	111	845	SLU_ENV	Min	0.	0.	0.	-230.52

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
111	111	860	SLU_ENV	Min	0.	0.	0.	-230.52
111	111	861	SLU_ENV	Min	0.	0.	0.	-230.52
111	111	846	SLU_ENV	Min	0.	0.	0.	-230.52
111	111	845	SLV_Ex		607.9374	112.7232	-1.227	-4.11
111	111	860	SLV_Ex		587.8295	86.1937	-0.603	-4.11
111	111	861	SLV_Ex		583.7008	79.553	0.66	-4.11
111	111	846	SLV_Ex		603.6175	106.3182	0.056	-4.11
112	112	846	SLU_ENV	Max	0.	0.	0.	-112.62
112	112	861	SLU_ENV	Max	0.	0.	0.	-112.62
112	112	862	SLU_ENV	Max	0.	0.	0.	-112.62
112	112	847	SLU_ENV	Max	0.	0.	0.	-112.62
112	112	846	SLU_ENV	Min	0.	0.	0.	-256.73
112	112	861	SLU_ENV	Min	0.	0.	0.	-256.73
112	112	862	SLU_ENV	Min	0.	0.	0.	-256.73
112	112	847	SLU_ENV	Min	0.	0.	0.	-256.73
112	112	846	SLV_Ex		579.3396	102.9151	1.717	-28.03
112	112	861	SLV_Ex		553.8194	71.5414	-0.923	-28.03
112	112	862	SLV_Ex		526.3918	89.5044	0.78	-28.03
112	112	847	SLV_Ex		551.997	120.4938	3.727	-28.03
113	113	847	SLU_ENV	Max	0.	0.	0.	-126.6
113	113	862	SLU_ENV	Max	0.	0.	0.	-126.6
113	113	83	SLU_ENV	Max	0.	0.	0.	-126.6
113	113	56	SLU_ENV	Max	0.	0.	0.	-126.6
113	113	847	SLU_ENV	Min	0.	0.	0.	-279.52
113	113	862	SLU_ENV	Min	0.	0.	0.	-279.52
113	113	83	SLU_ENV	Min	0.	0.	0.	-279.52
113	113	56	SLU_ENV	Min	0.	0.	0.	-279.52
113	113	847	SLV_Ex		497.0452	114.2376	3.23	-55.56
113	113	862	SLV_Ex		509.8348	81.8552	1.659	-55.56
113	113	83	SLV_Ex		454.5827	80.5393	-0.548	-55.56
113	113	56	SLV_Ex		439.6313	114.7652	0.984	-55.56
114	114	397	SLU_ENV	Max	0.	0.	0.	278.79
114	114	415	SLU_ENV	Max	0.	0.	0.	278.79
114	114	863	SLU_ENV	Max	0.	0.	0.	278.79
114	114	848	SLU_ENV	Max	0.	0.	0.	278.79
114	114	397	SLU_ENV	Min	0.	0.	0.	133.41
114	114	415	SLU_ENV	Min	0.	0.	0.	133.41
114	114	863	SLU_ENV	Min	0.	0.	0.	133.41
114	114	848	SLU_ENV	Min	0.	0.	0.	133.41
114	114	397	SLV_Ex		-205.6571	-1225.1937	87.908	256.9
114	114	415	SLV_Ex		-198.5075	-1219.8221	88.889	256.9
114	114	863	SLV_Ex		-128.7371	-961.9062	88.826	256.9
114	114	848	SLV_Ex		-134.7627	-968.8193	87.629	256.9
115	115	848	SLU_ENV	Max	0.	0.	0.	250.28
115	115	863	SLU_ENV	Max	0.	0.	0.	250.28
115	115	864	SLU_ENV	Max	0.	0.	0.	250.28
115	115	849	SLU_ENV	Max	0.	0.	0.	250.28
115	115	848	SLU_ENV	Min	0.	0.	0.	116.52
115	115	863	SLU_ENV	Min	0.	0.	0.	116.52
115	115	864	SLU_ENV	Min	0.	0.	0.	116.52
115	115	849	SLU_ENV	Min	0.	0.	0.	116.52
115	115	848	SLV_Ex		-141.1499	-978.5203	88.098	240.32
115	115	863	SLV_Ex		-128.2653	-980.5826	88.412	240.32
115	115	864	SLV_Ex		-75.4001	-740.266	87.655	240.32

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
115	115	849	SLV_Ex		-87.8596	-738.7684	87.237	240.32
116	116	849	SLU_ENV	Max	0.	0.	0.	222.83
116	116	864	SLU_ENV	Max	0.	0.	0.	222.83
116	116	865	SLU_ENV	Max	0.	0.	0.	222.83
116	116	850	SLU_ENV	Max	0.	0.	0.	222.83
116	116	849	SLU_ENV	Min	0.	0.	0.	100.23
116	116	864	SLU_ENV	Min	0.	0.	0.	100.23
116	116	865	SLU_ENV	Min	0.	0.	0.	100.23
116	116	850	SLU_ENV	Min	0.	0.	0.	100.23
116	116	849	SLV_Ex		-93.2388	-769.0417	86.962	226.64
116	116	864	SLV_Ex		-77.3822	-747.1228	88.043	226.64
116	116	865	SLV_Ex		-19.0131	-519.1323	88.943	226.64
116	116	850	SLV_Ex		-34.4196	-541.7524	87.497	226.64
117	117	850	SLU_ENV	Max	0.	0.	0.	192.51
117	117	865	SLU_ENV	Max	0.	0.	0.	192.51
117	117	866	SLU_ENV	Max	0.	0.	0.	192.51
117	117	851	SLU_ENV	Max	0.	0.	0.	192.51
117	117	850	SLU_ENV	Min	0.	0.	0.	82.89
117	117	865	SLU_ENV	Min	0.	0.	0.	82.89
117	117	866	SLU_ENV	Min	0.	0.	0.	82.89
117	117	851	SLU_ENV	Min	0.	0.	0.	82.89
117	117	850	SLV_Ex		-37.6468	-554.6419	88.886	209.18
117	117	865	SLV_Ex		-21.4958	-534.358	87.64	209.18
117	117	866	SLV_Ex		7.6563	-324.4205	88.672	209.18
117	117	851	SLV_Ex		-8.1779	-344.9389	-89.429	209.18
118	118	851	SLU_ENV	Max	0.	0.	0.	161.86
118	118	866	SLU_ENV	Max	0.	0.	0.	161.86
118	118	867	SLU_ENV	Max	0.	0.	0.	161.86
118	118	852	SLU_ENV	Max	0.	0.	0.	161.86
118	118	851	SLU_ENV	Min	0.	0.	0.	65.48
118	118	866	SLU_ENV	Min	0.	0.	0.	65.48
118	118	867	SLU_ENV	Min	0.	0.	0.	65.48
118	118	852	SLU_ENV	Min	0.	0.	0.	65.48
118	118	851	SLV_Ex		-8.3585	-348.5571	89.813	192.51
118	118	866	SLV_Ex		4.6334	-335.7723	89.43	192.51
118	118	867	SLV_Ex		40.4437	-142.8303	-88.546	192.51
118	118	852	SLV_Ex		28.1363	-156.439	-87.849	192.51
119	119	852	SLU_ENV	Max	0.	0.	0.	129.05
119	119	867	SLU_ENV	Max	0.	0.	0.	129.05
119	119	868	SLU_ENV	Max	0.	0.	0.	129.05
119	119	853	SLU_ENV	Max	0.	0.	0.	129.05
119	119	852	SLU_ENV	Min	0.	0.	0.	47.04
119	119	867	SLU_ENV	Min	0.	0.	0.	47.04
119	119	868	SLU_ENV	Min	0.	0.	0.	47.04
119	119	853	SLU_ENV	Min	0.	0.	0.	47.04
119	119	852	SLV_Ex		29.1571	-165.2259	-85.864	172.25
119	119	867	SLV_Ex		38.0854	-144.6974	89.291	172.25
119	119	868	SLV_Ex		58.6872	23.7686	-70.672	172.25
119	119	853	SLV_Ex		59.2233	-6.1214	-61.902	172.25
120	120	853	SLU_ENV	Max	0.	0.	0.	100.47
120	120	868	SLU_ENV	Max	0.	0.	0.	100.47
120	120	869	SLU_ENV	Max	0.	0.	0.	100.47
120	120	854	SLU_ENV	Max	0.	0.	0.	100.47
120	120	853	SLU_ENV	Min	0.	0.	0.	28.54

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
120	120	868	SLU_ENV	Min	0.	0.	0.	28.54
120	120	869	SLU_ENV	Min	0.	0.	0.	28.54
120	120	854	SLU_ENV	Min	0.	0.	0.	28.54
120	120	853	SLV_Ex		60.3944	3.3765	-60.977	152.11
120	120	868	SLV_Ex		57.4355	13.8892	-70.41	152.11
120	120	869	SLV_Ex		173.3082	69.3227	-8.138	152.11
120	120	854	SLV_Ex		174.6519	60.3634	-12.975	152.11
121	121	854	SLU_ENV	Max	0.	0.	0.	14.96
121	121	869	SLU_ENV	Max	0.	0.	0.	14.96
121	121	870	SLU_ENV	Max	0.	0.	0.	14.96
121	121	855	SLU_ENV	Max	0.	0.	0.	14.96
121	121	854	SLU_ENV	Min	0.	0.	0.	7.12
121	121	869	SLU_ENV	Min	0.	0.	0.	7.12
121	121	870	SLU_ENV	Min	0.	0.	0.	7.12
121	121	855	SLU_ENV	Min	0.	0.	0.	7.12
121	121	854	SLV_Ex		170.7947	60.3974	-14.522	130.4
121	121	869	SLV_Ex		176.5811	68.3992	-6.87	130.4
121	121	870	SLV_Ex		307.4515	78.8758	-5.265	130.4
121	121	855	SLV_Ex		299.9037	72.6816	-8.928	130.4
122	122	855	SLU_ENV	Max	0.	0.	0.	-6.69
122	122	870	SLU_ENV	Max	0.	0.	0.	-6.69
122	122	871	SLU_ENV	Max	0.	0.	0.	-6.69
122	122	856	SLU_ENV	Max	0.	0.	0.	-6.69
122	122	855	SLU_ENV	Min	0.	0.	0.	-14.52
122	122	870	SLU_ENV	Min	0.	0.	0.	-14.52
122	122	871	SLU_ENV	Min	0.	0.	0.	-14.52
122	122	856	SLU_ENV	Min	0.	0.	0.	-14.52
122	122	855	SLV_Ex		308.837	75.7454	-8.473	108.41
122	122	870	SLV_Ex		300.474	76.4563	-5.591	108.41
122	122	871	SLV_Ex		407.9417	85.8104	-3.209	108.41
122	122	856	SLV_Ex		415.0443	86.3552	-5.303	108.41
123	123	856	SLU_ENV	Max	0.	0.	0.	-28.2
123	123	871	SLU_ENV	Max	0.	0.	0.	-28.2
123	123	872	SLU_ENV	Max	0.	0.	0.	-28.2
123	123	857	SLU_ENV	Max	0.	0.	0.	-28.2
123	123	856	SLU_ENV	Min	0.	0.	0.	-99.86
123	123	871	SLU_ENV	Min	0.	0.	0.	-99.86
123	123	872	SLU_ENV	Min	0.	0.	0.	-99.86
123	123	857	SLU_ENV	Min	0.	0.	0.	-99.86
123	123	856	SLV_Ex		409.9505	87.9581	-5.14	86.03
123	123	871	SLV_Ex		411.5391	83.9888	-3.419	86.03
123	123	872	SLV_Ex		497.8802	90.8945	-3.203	86.03
123	123	857	SLV_Ex		495.922	95.202	-4.586	86.03
124	124	857	SLU_ENV	Max	0.	0.	0.	-46.65
124	124	872	SLU_ENV	Max	0.	0.	0.	-46.65
124	124	873	SLU_ENV	Max	0.	0.	0.	-46.65
124	124	858	SLU_ENV	Max	0.	0.	0.	-46.65
124	124	857	SLU_ENV	Min	0.	0.	0.	-128.36
124	124	872	SLU_ENV	Min	0.	0.	0.	-128.36
124	124	873	SLU_ENV	Min	0.	0.	0.	-128.36
124	124	858	SLU_ENV	Min	0.	0.	0.	-128.36
124	124	857	SLV_Ex		503.2407	97.5002	-4.706	62.84
124	124	872	SLV_Ex		489.3838	88.2943	-3.076	62.84
124	124	873	SLV_Ex		551.5583	88.8181	-1.714	62.84

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
124	124	858	SLV_Ex		564.8006	98.662	-3.143	62.84
125	125	858	SLU_ENV	Max	0.	0.	0.	-65.
125	125	873	SLU_ENV	Max	0.	0.	0.	-65.
125	125	874	SLU_ENV	Max	0.	0.	0.	-65.
125	125	859	SLU_ENV	Max	0.	0.	0.	-65.
125	125	858	SLU_ENV	Min	0.	0.	0.	-161.02
125	125	873	SLU_ENV	Min	0.	0.	0.	-161.02
125	125	874	SLU_ENV	Min	0.	0.	0.	-161.02
125	125	859	SLU_ENV	Min	0.	0.	0.	-161.02
125	125	858	SLV_Ex		556.7329	100.13	-2.521	40.16
125	125	873	SLV_Ex		549.6975	85.5287	-2.373	40.16
125	125	874	SLV_Ex		589.9766	92.5974	-1.896	40.16
125	125	859	SLV_Ex		596.3322	107.7487	-2.032	40.16
126	126	859	SLU_ENV	Max	0.	0.	0.	-82.3
126	126	874	SLU_ENV	Max	0.	0.	0.	-82.3
126	126	875	SLU_ENV	Max	0.	0.	0.	-82.3
126	126	860	SLU_ENV	Max	0.	0.	0.	-82.3
126	126	859	SLU_ENV	Min	0.	0.	0.	-191.47
126	126	874	SLU_ENV	Min	0.	0.	0.	-191.47
126	126	875	SLU_ENV	Min	0.	0.	0.	-191.47
126	126	860	SLU_ENV	Min	0.	0.	0.	-191.47
126	126	859	SLV_Ex		593.3747	108.5004	-2.419	15.55
126	126	874	SLV_Ex		578.1165	88.7959	-1.569	15.55
126	126	875	SLV_Ex		593.4847	84.419	-0.604	15.55
126	126	860	SLV_Ex		608.276	104.5665	-1.413	15.55
127	127	860	SLU_ENV	Max	0.	0.	0.	-99.48
127	127	875	SLU_ENV	Max	0.	0.	0.	-99.48
127	127	876	SLU_ENV	Max	0.	0.	0.	-99.48
127	127	861	SLU_ENV	Max	0.	0.	0.	-99.48
127	127	860	SLU_ENV	Min	0.	0.	0.	-221.53
127	127	875	SLU_ENV	Min	0.	0.	0.	-221.53
127	127	876	SLU_ENV	Min	0.	0.	0.	-221.53
127	127	861	SLU_ENV	Min	0.	0.	0.	-221.53
127	127	860	SLV_Ex		595.2061	104.3233	-0.428	-7.73
127	127	875	SLV_Ex		579.8134	79.2488	-1.599	-7.73
127	127	876	SLV_Ex		572.3794	88.7646	-0.747	-7.73
127	127	861	SLV_Ex		586.8621	114.4798	0.484	-7.73
128	128	861	SLU_ENV	Max	0.	0.	0.	-115.62
128	128	876	SLU_ENV	Max	0.	0.	0.	-115.62
128	128	877	SLU_ENV	Max	0.	0.	0.	-115.62
128	128	862	SLU_ENV	Max	0.	0.	0.	-115.62
128	128	861	SLU_ENV	Min	0.	0.	0.	-248.71
128	128	876	SLU_ENV	Min	0.	0.	0.	-248.71
128	128	877	SLU_ENV	Min	0.	0.	0.	-248.71
128	128	862	SLU_ENV	Min	0.	0.	0.	-248.71
128	128	861	SLV_Ex		562.9701	112.1295	0.033	-33.4
128	128	876	SLV_Ex		559.8042	83.943	-0.314	-33.4
128	128	877	SLV_Ex		526.9404	79.949	-0.631	-33.4
128	128	862	SLV_Ex		529.0189	108.9815	-0.28	-33.4
129	129	862	SLU_ENV	Max	0.	0.	0.	-132.37
129	129	877	SLU_ENV	Max	0.	0.	0.	-132.37
129	129	110	SLU_ENV	Max	0.	0.	0.	-132.37
129	129	83	SLU_ENV	Max	0.	0.	0.	-132.37
129	129	862	SLU_ENV	Min	0.	0.	0.	-276.97



Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
129	129	877	SLU_ENV	Min	0.	0.	0.	-276.97
129	129	110	SLU_ENV	Min	0.	0.	0.	-276.97
129	129	83	SLU_ENV	Min	0.	0.	0.	-276.97
129	129	862	SLV_Ex		516.5398	106.8096	0.375	-57.26
129	129	877	SLV_Ex		504.9188	75.0234	-1.27	-57.26
129	129	110	SLV_Ex		448.4991	76.2512	-0.959	-57.26
129	129	83	SLV_Ex		458.3067	109.3667	0.982	-57.26
130	130	415	SLU_ENV	Max	0.	0.	0.	273.5
130	130	433	SLU_ENV	Max	0.	0.	0.	273.5
130	130	878	SLU_ENV	Max	0.	0.	0.	273.5
130	130	863	SLU_ENV	Max	0.	0.	0.	273.5
130	130	415	SLU_ENV	Min	0.	0.	0.	137.47
130	130	433	SLU_ENV	Min	0.	0.	0.	137.47
130	130	878	SLU_ENV	Min	0.	0.	0.	137.47
130	130	863	SLU_ENV	Min	0.	0.	0.	137.47
130	130	415	SLV_Ex		-205.3385	-1224.3865	89.364	263.72
130	130	433	SLV_Ex		-203.621	-1243.6298	89.851	263.72
130	130	878	SLV_Ex		-141.5792	-979.4315	88.826	263.72
130	130	863	SLV_Ex		-142.1559	-961.6367	88.196	263.72
131	131	863	SLU_ENV	Max	0.	0.	0.	244.12
131	131	878	SLU_ENV	Max	0.	0.	0.	244.12
131	131	879	SLU_ENV	Max	0.	0.	0.	244.12
131	131	864	SLU_ENV	Max	0.	0.	0.	244.12
131	131	863	SLU_ENV	Min	0.	0.	0.	119.9
131	131	878	SLU_ENV	Min	0.	0.	0.	119.9
131	131	879	SLU_ENV	Min	0.	0.	0.	119.9
131	131	864	SLU_ENV	Min	0.	0.	0.	119.9
131	131	863	SLV_Ex		-147.3619	-985.6561	88.115	245.11
131	131	878	SLV_Ex		-141.0008	-978.7118	88.945	245.11
131	131	879	SLV_Ex		-79.3339	-732.639	89.023	245.11
131	131	864	SLV_Ex		-84.7628	-740.8439	87.965	245.11
132	132	864	SLU_ENV	Max	0.	0.	0.	214.01
132	132	879	SLU_ENV	Max	0.	0.	0.	214.01
132	132	880	SLU_ENV	Max	0.	0.	0.	214.01
132	132	865	SLU_ENV	Max	0.	0.	0.	214.01
132	132	864	SLU_ENV	Min	0.	0.	0.	102.24
132	132	879	SLU_ENV	Min	0.	0.	0.	102.24
132	132	880	SLU_ENV	Min	0.	0.	0.	102.24
132	132	865	SLU_ENV	Min	0.	0.	0.	102.24
132	132	864	SLV_Ex		-88.593	-750.0189	88.549	226.61
132	132	879	SLV_Ex		-80.3996	-747.1564	88.491	226.61
132	132	880	SLV_Ex		-36.0437	-520.2262	88.055	226.61
132	132	865	SLV_Ex		-43.9808	-523.4497	88.133	226.61
133	133	865	SLU_ENV	Max	0.	0.	0.	183.75
133	133	880	SLU_ENV	Max	0.	0.	0.	183.75
133	133	881	SLU_ENV	Max	0.	0.	0.	183.75
133	133	866	SLU_ENV	Max	0.	0.	0.	183.75
133	133	865	SLU_ENV	Min	0.	0.	0.	84.65
133	133	880	SLU_ENV	Min	0.	0.	0.	84.65
133	133	881	SLU_ENV	Min	0.	0.	0.	84.65
133	133	866	SLU_ENV	Min	0.	0.	0.	84.65
133	133	865	SLV_Ex		-46.7008	-537.491	87.964	209.39
133	133	880	SLV_Ex		-37.6901	-527.9878	88.279	209.39
133	133	881	SLV_Ex		6.5089	-317.6711	88.478	209.39

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
133	133	866	SLV_Ex		-1.7541	-328.1677	88.012	209.39
134	134	866	SLU_ENV	Max	0.	0.	0.	151.06
134	134	881	SLU_ENV	Max	0.	0.	0.	151.06
134	134	882	SLU_ENV	Max	0.	0.	0.	151.06
134	134	867	SLU_ENV	Max	0.	0.	0.	151.06
134	134	866	SLU_ENV	Min	0.	0.	0.	66.27
134	134	881	SLU_ENV	Min	0.	0.	0.	66.27
134	134	882	SLU_ENV	Min	0.	0.	0.	66.27
134	134	867	SLU_ENV	Min	0.	0.	0.	66.27
134	134	866	SLV_Ex		-3.4112	-336.8561	89.311	189.67
134	134	881	SLV_Ex		5.3717	-324.0533	87.254	189.67
134	134	882	SLV_Ex		29.9266	-133.6637	87.647	189.67
134	134	867	SLV_Ex		21.8024	-147.1404	-88.289	189.67
135	135	867	SLU_ENV	Max	0.	0.	0.	117.88
135	135	882	SLU_ENV	Max	0.	0.	0.	117.88
135	135	883	SLU_ENV	Max	0.	0.	0.	117.88
135	135	868	SLU_ENV	Max	0.	0.	0.	117.88
135	135	867	SLU_ENV	Min	0.	0.	0.	47.82
135	135	882	SLU_ENV	Min	0.	0.	0.	47.82
135	135	883	SLU_ENV	Min	0.	0.	0.	47.82
135	135	868	SLU_ENV	Min	0.	0.	0.	47.82
135	135	867	SLV_Ex		22.1153	-145.8386	-89.066	170.22
135	135	882	SLV_Ex		28.1105	-140.9144	88.47	170.22
135	135	883	SLV_Ex		53.8837	29.8891	86.881	170.22
135	135	868	SLV_Ex		49.8317	22.8575	-76.923	170.22
136	136	868	SLU_ENV	Max	0.	0.	0.	83.09
136	136	883	SLU_ENV	Max	0.	0.	0.	83.09
136	136	884	SLU_ENV	Max	0.	0.	0.	83.09
136	136	869	SLU_ENV	Max	0.	0.	0.	83.09
136	136	868	SLU_ENV	Min	0.	0.	0.	28.76
136	136	883	SLU_ENV	Min	0.	0.	0.	28.76
136	136	884	SLU_ENV	Min	0.	0.	0.	28.76
136	136	869	SLU_ENV	Min	0.	0.	0.	28.76
136	136	868	SLV_Ex		51.7897	16.4721	-73.403	148.76
136	136	883	SLV_Ex		53.8292	30.6125	77.425	148.76
136	136	884	SLV_Ex		180.8271	66.328	-1.958	148.76
136	136	869	SLV_Ex		171.3552	59.6039	-9.674	148.76
137	137	869	SLU_ENV	Max	0.	0.	0.	17.94
137	137	884	SLU_ENV	Max	0.	0.	0.	17.94
137	137	885	SLU_ENV	Max	0.	0.	0.	17.94
137	137	870	SLU_ENV	Max	0.	0.	0.	17.94
137	137	869	SLU_ENV	Min	0.	0.	0.	9.8
137	137	884	SLU_ENV	Min	0.	0.	0.	9.8
137	137	885	SLU_ENV	Min	0.	0.	0.	9.8
137	137	870	SLU_ENV	Min	0.	0.	0.	9.8
137	137	869	SLV_Ex		178.406	62.2211	-8.471	127.26
137	137	884	SLV_Ex		175.7519	64.7072	-2.811	127.26
137	137	885	SLV_Ex		303.2357	77.5543	-1.348	127.26
137	137	870	SLV_Ex		304.284	76.5766	-4.242	127.26
138	138	870	SLU_ENV	Max	0.	0.	0.	-9.46
138	138	885	SLU_ENV	Max	0.	0.	0.	-9.46
138	138	886	SLU_ENV	Max	0.	0.	0.	-9.46
138	138	871	SLU_ENV	Max	0.	0.	0.	-9.46
138	138	870	SLU_ENV	Min	0.	0.	0.	-17.33

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
138	138	885	SLU_ENV	Min	0.	0.	0.	-17.33
138	138	886	SLU_ENV	Min	0.	0.	0.	-17.33
138	138	871	SLU_ENV	Min	0.	0.	0.	-17.33
138	138	870	SLV_Ex		301.6224	77.7757	-4.367	104.86
138	138	885	SLV_Ex		307.2813	76.5825	-1.276	104.86
138	138	886	SLV_Ex		412.6541	84.2236	-1.889	104.86
138	138	871	SLV_Ex		406.7434	85.6112	-4.06	104.86
139	139	871	SLU_ENV	Max	0.	0.	0.	-28.4
139	139	886	SLU_ENV	Max	0.	0.	0.	-28.4
139	139	887	SLU_ENV	Max	0.	0.	0.	-28.4
139	139	872	SLU_ENV	Max	0.	0.	0.	-28.4
139	139	871	SLU_ENV	Min	0.	0.	0.	-82.45
139	139	886	SLU_ENV	Min	0.	0.	0.	-82.45
139	139	887	SLU_ENV	Min	0.	0.	0.	-82.45
139	139	872	SLU_ENV	Min	0.	0.	0.	-82.45
139	139	871	SLV_Ex		414.6742	88.0386	-3.969	81.99
139	139	886	SLV_Ex		408.0389	82.499	-1.928	81.99
139	139	887	SLV_Ex		490.0689	86.2915	-1.134	81.99
139	139	872	SLV_Ex		495.9767	92.5016	-2.787	81.99
140	140	872	SLU_ENV	Max	0.	0.	0.	-47.42
140	140	887	SLU_ENV	Max	0.	0.	0.	-47.42
140	140	888	SLU_ENV	Max	0.	0.	0.	-47.42
140	140	873	SLU_ENV	Max	0.	0.	0.	-47.42
140	140	872	SLU_ENV	Min	0.	0.	0.	-117.17
140	140	887	SLU_ENV	Min	0.	0.	0.	-117.17
140	140	888	SLU_ENV	Min	0.	0.	0.	-117.17
140	140	873	SLU_ENV	Min	0.	0.	0.	-117.17
140	140	872	SLV_Ex		492.6325	94.1564	-2.411	59.08
140	140	887	SLV_Ex		492.3422	84.5677	-1.518	59.08
140	140	888	SLV_Ex		551.8548	89.5718	-1.572	59.08
140	140	873	SLV_Ex		551.534	99.6472	-2.365	59.08
141	141	873	SLU_ENV	Max	0.	0.	0.	-65.82
141	141	888	SLU_ENV	Max	0.	0.	0.	-65.82
141	141	889	SLU_ENV	Max	0.	0.	0.	-65.82
141	141	874	SLU_ENV	Max	0.	0.	0.	-65.82
141	141	873	SLU_ENV	Min	0.	0.	0.	-150.27
141	141	888	SLU_ENV	Min	0.	0.	0.	-150.27
141	141	889	SLU_ENV	Min	0.	0.	0.	-150.27
141	141	874	SLU_ENV	Min	0.	0.	0.	-150.27
141	141	873	SLV_Ex		554.888	101.4663	-2.505	35.13
141	141	888	SLV_Ex		545.8063	87.1658	-1.443	35.13
141	141	889	SLV_Ex		580.9902	85.1985	-0.87	35.13
141	141	874	SLV_Ex		589.4971	100.0036	-1.848	35.13
142	142	874	SLU_ENV	Max	0.	0.	0.	-84.13
142	142	889	SLU_ENV	Max	0.	0.	0.	-84.13
142	142	890	SLU_ENV	Max	0.	0.	0.	-84.13
142	142	875	SLU_ENV	Max	0.	0.	0.	-84.13
142	142	874	SLU_ENV	Min	0.	0.	0.	-182.82
142	142	889	SLU_ENV	Min	0.	0.	0.	-182.82
142	142	890	SLU_ENV	Min	0.	0.	0.	-182.82
142	142	875	SLU_ENV	Min	0.	0.	0.	-182.82
142	142	874	SLV_Ex		583.6087	101.1675	-1.231	11.85
142	142	889	SLV_Ex		576.8938	82.118	-1.488	11.85
142	142	890	SLV_Ex		589.1878	86.8777	-1.255	11.85

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
142	142	875	SLV_Ex		594.8672	106.7329	-1.	11.85
143	143	875	SLU_ENV	Max	0.	0.	0.	-101.64
143	143	890	SLU_ENV	Max	0.	0.	0.	-101.64
143	143	891	SLU_ENV	Max	0.	0.	0.	-101.64
143	143	876	SLU_ENV	Max	0.	0.	0.	-101.64
143	143	875	SLU_ENV	Min	0.	0.	0.	-212.95
143	143	890	SLU_ENV	Min	0.	0.	0.	-212.95
143	143	891	SLU_ENV	Min	0.	0.	0.	-212.95
143	143	876	SLU_ENV	Min	0.	0.	0.	-212.95
143	143	875	SLV_Ex		586.9437	106.9067	-1.223	-12.76
143	143	890	SLV_Ex		581.3583	83.5494	-1.072	-12.76
143	143	891	SLV_Ex		569.019	79.6465	-1.059	-12.76
143	143	876	SLV_Ex		573.7175	103.6968	-1.216	-12.76
144	144	876	SLU_ENV	Max	0.	0.	0.	-119.22
144	144	891	SLU_ENV	Max	0.	0.	0.	-119.22
144	144	892	SLU_ENV	Max	0.	0.	0.	-119.22
144	144	877	SLU_ENV	Max	0.	0.	0.	-119.22
144	144	876	SLU_ENV	Min	0.	0.	0.	-242.93
144	144	891	SLU_ENV	Min	0.	0.	0.	-242.93
144	144	892	SLU_ENV	Min	0.	0.	0.	-242.93
144	144	877	SLU_ENV	Min	0.	0.	0.	-242.93
144	144	876	SLV_Ex		566.4848	103.7049	-0.648	-36.05
144	144	891	SLV_Ex		556.5822	75.6217	-1.629	-36.05
144	144	892	SLV_Ex		521.2261	77.0884	-1.401	-36.05
144	144	877	SLV_Ex		529.5075	106.3981	-0.328	-36.05
145	145	877	SLU_ENV	Max	0.	0.	0.	-136.75
145	145	892	SLU_ENV	Max	0.	0.	0.	-136.75
145	145	163	SLU_ENV	Max	0.	0.	0.	-136.75
145	145	110	SLU_ENV	Max	0.	0.	0.	-136.75
145	145	877	SLU_ENV	Min	0.	0.	0.	-272.23
145	145	892	SLU_ENV	Min	0.	0.	0.	-272.23
145	145	163	SLU_ENV	Min	0.	0.	0.	-272.23
145	145	110	SLU_ENV	Min	0.	0.	0.	-272.23
145	145	877	SLV_Ex		512.1904	104.8938	-0.582	-59.63
145	145	892	SLV_Ex		514.9815	73.9388	-1.185	-59.63
145	145	163	SLV_Ex		456.7987	66.1813	-2.444	-59.63
145	145	110	SLV_Ex		451.8505	98.8231	-1.894	-59.63
146	146	433	SLU_ENV	Max	0.	0.	0.	267.28
146	146	451	SLU_ENV	Max	0.	0.	0.	267.28
146	146	893	SLU_ENV	Max	0.	0.	0.	267.28
146	146	878	SLU_ENV	Max	0.	0.	0.	267.28
146	146	433	SLU_ENV	Min	0.	0.	0.	140.81
146	146	451	SLU_ENV	Min	0.	0.	0.	140.81
146	146	893	SLU_ENV	Min	0.	0.	0.	140.81
146	146	878	SLU_ENV	Min	0.	0.	0.	140.81
146	146	433	SLV_Ex		-206.077	-1245.4923	89.473	268.07
146	146	451	SLV_Ex		-206.3524	-1247.3544	-89.98	268.07
146	146	893	SLV_Ex		-142.4293	-978.3882	89.962	268.07
146	146	878	SLV_Ex		-141.1916	-977.8151	89.283	268.07
147	147	878	SLU_ENV	Max	0.	0.	0.	237.64
147	147	893	SLU_ENV	Max	0.	0.	0.	237.64
147	147	894	SLU_ENV	Max	0.	0.	0.	237.64
147	147	879	SLU_ENV	Max	0.	0.	0.	237.64
147	147	878	SLU_ENV	Min	0.	0.	0.	122.94

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
147	147	893	SLU_ENV	Min	0.	0.	0.	122.94
147	147	894	SLU_ENV	Min	0.	0.	0.	122.94
147	147	879	SLU_ENV	Min	0.	0.	0.	122.94
147	147	878	SLV_Ex		-143.8472	-980.3673	89.396	247.84
147	147	893	SLV_Ex		-143.1891	-992.7141	89.856	247.84
147	147	894	SLV_Ex		-86.4961	-744.4107	89.014	247.84
147	147	879	SLV_Ex		-86.3403	-733.0979	88.405	247.84
148	148	879	SLU_ENV	Max	0.	0.	0.	207.73
148	148	894	SLU_ENV	Max	0.	0.	0.	207.73
148	148	895	SLU_ENV	Max	0.	0.	0.	207.73
148	148	880	SLU_ENV	Max	0.	0.	0.	207.73
148	148	879	SLU_ENV	Min	0.	0.	0.	105.04
148	148	894	SLU_ENV	Min	0.	0.	0.	105.04
148	148	895	SLU_ENV	Min	0.	0.	0.	105.04
148	148	880	SLU_ENV	Min	0.	0.	0.	105.04
148	148	879	SLV_Ex		-90.1138	-749.1745	88.55	228.93
148	148	894	SLV_Ex		-87.0801	-749.944	88.901	228.93
148	148	895	SLV_Ex		-37.3616	-520.2739	88.414	228.93
148	148	880	SLV_Ex		-39.375	-520.8485	87.937	228.93
149	149	880	SLU_ENV	Max	0.	0.	0.	175.95
149	149	895	SLU_ENV	Max	0.	0.	0.	175.95
149	149	896	SLU_ENV	Max	0.	0.	0.	175.95
149	149	881	SLU_ENV	Max	0.	0.	0.	175.95
149	149	880	SLU_ENV	Min	0.	0.	0.	86.59
149	149	895	SLU_ENV	Min	0.	0.	0.	86.59
149	149	896	SLU_ENV	Min	0.	0.	0.	86.59
149	149	881	SLU_ENV	Min	0.	0.	0.	86.59
149	149	880	SLV_Ex		-42.0986	-529.1803	88.564	209.29
149	149	895	SLV_Ex		-37.8409	-527.9631	87.851	209.29
149	149	896	SLV_Ex		-2.6587	-318.4824	86.818	209.29
149	149	881	SLV_Ex		-6.6993	-320.058	87.924	209.29
150	150	881	SLU_ENV	Max	0.	0.	0.	142.86
150	150	896	SLU_ENV	Max	0.	0.	0.	142.86
150	150	897	SLU_ENV	Max	0.	0.	0.	142.86
150	150	882	SLU_ENV	Max	0.	0.	0.	142.86
150	150	881	SLU_ENV	Min	0.	0.	0.	67.92
150	150	896	SLU_ENV	Min	0.	0.	0.	67.92
150	150	897	SLU_ENV	Min	0.	0.	0.	67.92
150	150	882	SLU_ENV	Min	0.	0.	0.	67.92
150	150	881	SLV_Ex		-8.0812	-325.3204	87.866	189.66
150	150	896	SLV_Ex		-3.4803	-324.0813	86.931	189.66
150	150	897	SLV_Ex		28.8509	-134.3517	84.35	189.66
150	150	882	SLV_Ex		24.6713	-136.278	86.196	189.66
151	151	882	SLU_ENV	Max	0.	0.	0.	106.7
151	151	897	SLU_ENV	Max	0.	0.	0.	106.7
151	151	898	SLU_ENV	Max	0.	0.	0.	106.7
151	151	883	SLU_ENV	Max	0.	0.	0.	106.7
151	151	882	SLU_ENV	Min	0.	0.	0.	48.63
151	151	897	SLU_ENV	Min	0.	0.	0.	48.63
151	151	898	SLU_ENV	Min	0.	0.	0.	48.63
151	151	883	SLU_ENV	Min	0.	0.	0.	48.63
151	151	882	SLV_Ex		23.6597	-141.4066	87.8	168.29
151	151	897	SLV_Ex		29.3995	-134.452	82.858	168.29
151	151	898	SLV_Ex		55.1403	26.7952	53.629	168.29

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
151	151	883	SLV_Ex		42.0775	27.0582	-88.68	168.29
152	152	883	SLU_ENV	Max	0.	0.	0.	66.75
152	152	898	SLU_ENV	Max	0.	0.	0.	66.75
152	152	899	SLU_ENV	Max	0.	0.	0.	66.75
152	152	884	SLU_ENV	Max	0.	0.	0.	66.75
152	152	883	SLU_ENV	Min	0.	0.	0.	29.43
152	152	898	SLU_ENV	Min	0.	0.	0.	29.43
152	152	899	SLU_ENV	Min	0.	0.	0.	29.43
152	152	884	SLU_ENV	Min	0.	0.	0.	29.43
152	152	883	SLV_Ex		43.1334	31.1424	83.569	147.07
152	152	898	SLV_Ex		51.9892	25.6904	57.522	147.07
152	152	899	SLV_Ex		181.7789	61.0545	4.898	147.07
152	152	884	SLV_Ex		178.1006	61.1379	-0.151	147.07
153	153	884	SLU_ENV	Max	0.	0.	0.	22.73
153	153	899	SLU_ENV	Max	0.	0.	0.	22.73
153	153	900	SLU_ENV	Max	0.	0.	0.	22.73
153	153	885	SLU_ENV	Max	0.	0.	0.	22.73
153	153	884	SLU_ENV	Min	0.	0.	0.	9.85
153	153	899	SLU_ENV	Min	0.	0.	0.	9.85
153	153	900	SLU_ENV	Min	0.	0.	0.	9.85
153	153	885	SLU_ENV	Min	0.	0.	0.	9.85
153	153	884	SLV_Ex		176.195	61.8816	-0.969	124.64
153	153	899	SLV_Ex		185.8935	60.417	5.441	124.64
153	153	900	SLV_Ex		309.8857	71.1158	1.213	124.64
153	153	885	SLV_Ex		301.0132	71.6468	-2.181	124.64
154	154	885	SLU_ENV	Max	0.	0.	0.	-9.5
154	154	900	SLU_ENV	Max	0.	0.	0.	-9.5
154	154	901	SLU_ENV	Max	0.	0.	0.	-9.5
154	154	886	SLU_ENV	Max	0.	0.	0.	-9.5
154	154	885	SLU_ENV	Min	0.	0.	0.	-22.12
154	154	900	SLU_ENV	Min	0.	0.	0.	-22.12
154	154	901	SLU_ENV	Min	0.	0.	0.	-22.12
154	154	886	SLU_ENV	Min	0.	0.	0.	-22.12
154	154	885	SLV_Ex		308.514	73.6934	-1.896	102.01
154	154	900	SLV_Ex		307.7802	70.2814	0.993	102.01
154	154	901	SLV_Ex		410.1673	77.4945	0.64	102.01
154	154	886	SLV_Ex		410.2664	81.4079	-1.422	102.01
155	155	886	SLU_ENV	Max	0.	0.	0.	-29.08
155	155	901	SLU_ENV	Max	0.	0.	0.	-29.08
155	155	902	SLU_ENV	Max	0.	0.	0.	-29.08
155	155	887	SLU_ENV	Max	0.	0.	0.	-29.08
155	155	886	SLU_ENV	Min	0.	0.	0.	-66.12
155	155	901	SLU_ENV	Min	0.	0.	0.	-66.12
155	155	902	SLU_ENV	Min	0.	0.	0.	-66.12
155	155	887	SLU_ENV	Min	0.	0.	0.	-66.12
155	155	886	SLV_Ex		409.8445	82.9164	-1.233	78.9
155	155	901	SLV_Ex		414.5147	76.8584	0.44	78.9
155	155	902	SLV_Ex		493.7988	81.875	-0.314	78.9
155	155	887	SLV_Ex		488.7061	88.2202	-1.701	78.9
156	156	887	SLU_ENV	Max	0.	0.	0.	-48.26
156	156	902	SLU_ENV	Max	0.	0.	0.	-48.26
156	156	903	SLU_ENV	Max	0.	0.	0.	-48.26
156	156	888	SLU_ENV	Max	0.	0.	0.	-48.26
156	156	887	SLU_ENV	Min	0.	0.	0.	-106.03

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
156	156	902	SLU_ENV	Min	0.	0.	0.	-106.03
156	156	903	SLU_ENV	Min	0.	0.	0.	-106.03
156	156	888	SLU_ENV	Min	0.	0.	0.	-106.03
156	156	887	SLV_Ex		495.4244	90.4993	-1.694	55.14
156	156	902	SLV_Ex		492.0345	80.5863	-0.305	55.14
156	156	903	SLV_Ex		547.4967	80.7275	-0.206	55.14
156	156	888	SLV_Ex		550.2789	91.1366	-1.429	55.14
157	157	888	SLU_ENV	Max	0.	0.	0.	-67.51
157	157	903	SLU_ENV	Max	0.	0.	0.	-67.51
157	157	904	SLU_ENV	Max	0.	0.	0.	-67.51
157	157	889	SLU_ENV	Max	0.	0.	0.	-67.51
157	157	888	SLU_ENV	Min	0.	0.	0.	-142.14
157	157	903	SLU_ENV	Min	0.	0.	0.	-142.14
157	157	904	SLU_ENV	Min	0.	0.	0.	-142.14
157	157	889	SLU_ENV	Min	0.	0.	0.	-142.14
157	157	888	SLV_Ex		549.4211	92.9606	-1.023	31.58
157	157	903	SLV_Ex		549.7932	79.3048	-0.599	31.58
157	157	904	SLV_Ex		581.9293	81.6645	-0.888	31.58
157	157	889	SLV_Ex		580.6813	95.9981	-1.299	31.58
158	158	889	SLU_ENV	Max	0.	0.	0.	-86.15
158	158	904	SLU_ENV	Max	0.	0.	0.	-86.15
158	158	905	SLU_ENV	Max	0.	0.	0.	-86.15
158	158	890	SLU_ENV	Max	0.	0.	0.	-86.15
158	158	889	SLU_ENV	Min	0.	0.	0.	-175.17
158	158	904	SLU_ENV	Min	0.	0.	0.	-175.17
158	158	905	SLU_ENV	Min	0.	0.	0.	-175.17
158	158	890	SLU_ENV	Min	0.	0.	0.	-175.17
158	158	889	SLV_Ex		582.0016	97.7749	-1.342	7.21
158	158	904	SLV_Ex		579.2223	79.602	-0.852	7.21
158	158	905	SLV_Ex		586.8648	76.4401	-0.96	7.21
158	158	890	SLV_Ex		588.8839	95.2084	-1.447	7.21
159	159	890	SLU_ENV	Max	0.	0.	0.	-104.57
159	159	905	SLU_ENV	Max	0.	0.	0.	-104.57
159	159	906	SLU_ENV	Max	0.	0.	0.	-104.57
159	159	891	SLU_ENV	Max	0.	0.	0.	-104.57
159	159	890	SLU_ENV	Min	0.	0.	0.	-206.89
159	159	905	SLU_ENV	Min	0.	0.	0.	-206.89
159	159	906	SLU_ENV	Min	0.	0.	0.	-206.89
159	159	891	SLU_ENV	Min	0.	0.	0.	-206.89
159	159	890	SLV_Ex		586.8722	96.7647	-1.008	-16.37
159	159	905	SLV_Ex		583.2445	73.7682	-1.384	-16.37
159	159	906	SLV_Ex		567.6268	73.8994	-1.569	-16.37
159	159	891	SLV_Ex		569.8367	97.9989	-1.194	-16.37
160	160	891	SLU_ENV	Max	0.	0.	0.	-122.45
160	160	906	SLU_ENV	Max	0.	0.	0.	-122.45
160	160	907	SLU_ENV	Max	0.	0.	0.	-122.45
160	160	892	SLU_ENV	Max	0.	0.	0.	-122.45
160	160	891	SLU_ENV	Min	0.	0.	0.	-236.76
160	160	906	SLU_ENV	Min	0.	0.	0.	-236.76
160	160	907	SLU_ENV	Min	0.	0.	0.	-236.76
160	160	892	SLU_ENV	Min	0.	0.	0.	-236.76
160	160	891	SLV_Ex		563.2621	98.6602	-1.216	-39.99
160	160	906	SLV_Ex		563.4226	71.0775	-1.57	-39.99
160	160	907	SLV_Ex		524.4968	66.1102	-2.287	-39.99

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
160	160	892	SLV_Ex		522.7863	94.9034	-1.964	-39.99
161	161	892	SLU_ENV	Max	0.	0.	0.	-140.31
161	161	907	SLU_ENV	Max	0.	0.	0.	-140.31
161	161	190	SLU_ENV	Max	0.	0.	0.	-140.31
161	161	163	SLU_ENV	Max	0.	0.	0.	-140.31
161	161	892	SLU_ENV	Min	0.	0.	0.	-266.41
161	161	907	SLU_ENV	Min	0.	0.	0.	-266.41
161	161	190	SLU_ENV	Min	0.	0.	0.	-266.41
161	161	163	SLU_ENV	Min	0.	0.	0.	-266.41
161	161	892	SLV_Ex		522.1951	95.8205	-1.777	-62.18
161	161	907	SLV_Ex		514.1307	62.9618	-2.496	-62.18
161	161	190	SLV_Ex		453.0216	56.6483	-2.754	-62.18
161	161	163	SLV_Ex		458.8963	91.1876	-1.967	-62.18
162	162	451	SLU_ENV	Max	0.	0.	0.	260.29
162	162	469	SLU_ENV	Max	0.	0.	0.	260.29
162	162	908	SLU_ENV	Max	0.	0.	0.	260.29
162	162	893	SLU_ENV	Max	0.	0.	0.	260.29
162	162	451	SLU_ENV	Min	0.	0.	0.	143.73
162	162	469	SLU_ENV	Min	0.	0.	0.	143.73
162	162	908	SLU_ENV	Min	0.	0.	0.	143.73
162	162	893	SLU_ENV	Min	0.	0.	0.	143.73
162	162	451	SLV_Ex		-201.6146	-1246.1494	-89.609	269.57
162	162	469	SLV_Ex		-204.6181	-1267.1361	-88.879	269.57
162	162	908	SLV_Ex		-136.5924	-996.4593	-89.595	269.57
162	162	893	SLV_Ex		-132.4909	-976.7974	89.486	269.57
163	163	893	SLU_ENV	Max	0.	0.	0.	232.39
163	163	908	SLU_ENV	Max	0.	0.	0.	232.39
163	163	909	SLU_ENV	Max	0.	0.	0.	232.39
163	163	894	SLU_ENV	Max	0.	0.	0.	232.39
163	163	893	SLU_ENV	Min	0.	0.	0.	126.34
163	163	908	SLU_ENV	Min	0.	0.	0.	126.34
163	163	909	SLU_ENV	Min	0.	0.	0.	126.34
163	163	894	SLU_ENV	Min	0.	0.	0.	126.34
163	163	893	SLV_Ex		-135.2259	-991.7284	89.792	249.94
163	163	908	SLV_Ex		-138.2278	-1002.7995	-89.898	249.94
163	163	909	SLV_Ex		-83.7005	-751.9594	89.503	249.94
163	163	894	SLV_Ex		-79.5532	-742.3859	89.098	249.94
164	164	894	SLU_ENV	Max	0.	0.	0.	203.
164	164	909	SLU_ENV	Max	0.	0.	0.	203.
164	164	910	SLU_ENV	Max	0.	0.	0.	203.
164	164	895	SLU_ENV	Max	0.	0.	0.	203.
164	164	894	SLU_ENV	Min	0.	0.	0.	108.36
164	164	909	SLU_ENV	Min	0.	0.	0.	108.36
164	164	910	SLU_ENV	Min	0.	0.	0.	108.36
164	164	895	SLU_ENV	Min	0.	0.	0.	108.36
164	164	894	SLV_Ex		-82.5789	-749.8473	89.302	231.37
164	164	909	SLV_Ex		-84.601	-764.0034	89.323	231.37
164	164	910	SLV_Ex		-38.0063	-532.5272	87.905	231.37
164	164	895	SLV_Ex		-35.3285	-519.266	87.847	231.37
165	165	895	SLU_ENV	Max	0.	0.	0.	171.15
165	165	910	SLU_ENV	Max	0.	0.	0.	171.15
165	165	911	SLU_ENV	Max	0.	0.	0.	171.15
165	165	896	SLU_ENV	Max	0.	0.	0.	171.15
165	165	895	SLU_ENV	Min	0.	0.	0.	89.35



Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
165	165	910	SLU_ENV	Min	0.	0.	0.	89.35
165	165	911	SLU_ENV	Min	0.	0.	0.	89.35
165	165	896	SLU_ENV	Min	0.	0.	0.	89.35
165	165	895	SLV_Ex		-38.5152	-528.188	88.274	211.11
165	165	910	SLV_Ex		-37.6322	-537.8684	87.525	211.11
165	165	911	SLV_Ex		-1.9595	-327.3214	85.048	211.11
165	165	896	SLV_Ex		-2.2912	-318.5604	86.159	211.11
166	166	896	SLU_ENV	Max	0.	0.	0.	136.58
166	166	911	SLU_ENV	Max	0.	0.	0.	136.58
166	166	912	SLU_ENV	Max	0.	0.	0.	136.58
166	166	897	SLU_ENV	Max	0.	0.	0.	136.58
166	166	896	SLU_ENV	Min	0.	0.	0.	69.64
166	166	911	SLU_ENV	Min	0.	0.	0.	69.64
166	166	912	SLU_ENV	Min	0.	0.	0.	69.64
166	166	897	SLU_ENV	Min	0.	0.	0.	69.64
166	166	896	SLV_Ex		-4.1683	-324.5739	86.846	189.48
166	166	911	SLV_Ex		-0.4429	-324.3354	84.405	189.48
166	166	912	SLV_Ex		24.5473	-136.7711	79.261	189.48
166	166	897	SLV_Ex		19.5485	-135.9447	84.172	189.48
167	167	897	SLU_ENV	Max	0.	0.	0.	100.46
167	167	912	SLU_ENV	Max	0.	0.	0.	100.46
167	167	913	SLU_ENV	Max	0.	0.	0.	100.46
167	167	898	SLU_ENV	Max	0.	0.	0.	100.46
167	167	897	SLU_ENV	Min	0.	0.	0.	49.98
167	167	912	SLU_ENV	Min	0.	0.	0.	49.98
167	167	913	SLU_ENV	Min	0.	0.	0.	49.98
167	167	898	SLU_ENV	Min	0.	0.	0.	49.98
167	167	897	SLV_Ex		19.7778	-134.7937	83.575	168.13
167	167	912	SLV_Ex		24.1311	-137.5178	79.823	168.13
167	167	913	SLV_Ex		65.9299	10.8044	47.028	168.13
167	167	898	SLV_Ex		54.1742	20.6414	49.379	168.13
168	168	898	SLU_ENV	Max	0.	0.	0.	61.37
168	168	913	SLU_ENV	Max	0.	0.	0.	61.37
168	168	914	SLU_ENV	Max	0.	0.	0.	61.37
168	168	899	SLU_ENV	Max	0.	0.	0.	61.37
168	168	898	SLU_ENV	Min	0.	0.	0.	29.96
168	168	913	SLU_ENV	Min	0.	0.	0.	29.96
168	168	914	SLU_ENV	Min	0.	0.	0.	29.96
168	168	899	SLU_ENV	Min	0.	0.	0.	29.96
168	168	898	SLV_Ex		51.1794	21.9727	52.005	145.57
168	168	913	SLV_Ex		70.4935	10.8313	44.992	145.57
168	168	914	SLV_Ex		190.8579	48.2666	9.749	145.57
168	168	899	SLV_Ex		178.8888	51.8779	3.679	145.57
169	169	899	SLU_ENV	Max	0.	0.	0.	21.08
169	169	914	SLU_ENV	Max	0.	0.	0.	21.08
169	169	915	SLU_ENV	Max	0.	0.	0.	21.08
169	169	900	SLU_ENV	Max	0.	0.	0.	21.08
169	169	899	SLU_ENV	Min	0.	0.	0.	10.19
169	169	914	SLU_ENV	Min	0.	0.	0.	10.19
169	169	915	SLU_ENV	Min	0.	0.	0.	10.19
169	169	900	SLU_ENV	Min	0.	0.	0.	10.19
169	169	899	SLV_Ex		185.1934	53.0027	4.196	123.06
169	169	914	SLV_Ex		190.3941	48.6716	9.174	123.06
169	169	915	SLV_Ex		312.0352	61.1021	4.573	123.06

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
169	169	900	SLV_Ex		307.4325	64.6174	1.719	123.06
170	170	900	SLU_ENV	Max	0.	0.	0.	-9.85
170	170	915	SLU_ENV	Max	0.	0.	0.	-9.85
170	170	916	SLU_ENV	Max	0.	0.	0.	-9.85
170	170	901	SLU_ENV	Max	0.	0.	0.	-9.85
170	170	900	SLU_ENV	Min	0.	0.	0.	-20.49
170	170	915	SLU_ENV	Min	0.	0.	0.	-20.49
170	170	916	SLU_ENV	Min	0.	0.	0.	-20.49
170	170	901	SLU_ENV	Min	0.	0.	0.	-20.49
170	170	900	SLV_Ex		308.4127	65.7826	1.701	99.79
170	170	915	SLV_Ex		317.2864	61.2175	4.492	99.79
170	170	916	SLV_Ex		416.5064	67.9486	2.219	99.79
170	170	901	SLV_Ex		407.7111	72.2614	0.118	99.79
171	171	901	SLU_ENV	Max	0.	0.	0.	-29.62
171	171	916	SLU_ENV	Max	0.	0.	0.	-29.62
171	171	917	SLU_ENV	Max	0.	0.	0.	-29.62
171	171	902	SLU_ENV	Max	0.	0.	0.	-29.62
171	171	901	SLU_ENV	Min	0.	0.	0.	-60.76
171	171	916	SLU_ENV	Min	0.	0.	0.	-60.76
171	171	917	SLU_ENV	Min	0.	0.	0.	-60.76
171	171	902	SLU_ENV	Min	0.	0.	0.	-60.76
171	171	901	SLV_Ex		415.543	74.3665	0.237	76.11
171	171	916	SLV_Ex		417.5607	67.6838	2.091	76.11
171	171	917	SLV_Ex		493.901	70.4459	1.396	76.11
171	171	902	SLV_Ex		491.3651	77.483	-0.142	76.11
172	172	902	SLU_ENV	Max	0.	0.	0.	-49.63
172	172	917	SLU_ENV	Max	0.	0.	0.	-49.63
172	172	918	SLU_ENV	Max	0.	0.	0.	-49.63
172	172	903	SLU_ENV	Max	0.	0.	0.	-49.63
172	172	902	SLU_ENV	Min	0.	0.	0.	-99.84
172	172	917	SLU_ENV	Min	0.	0.	0.	-99.84
172	172	918	SLU_ENV	Min	0.	0.	0.	-99.84
172	172	903	SLU_ENV	Min	0.	0.	0.	-99.84
172	172	902	SLV_Ex		493.8649	79.3742	0.131	52.17
172	172	917	SLV_Ex		499.37	70.2556	1.115	52.17
172	172	918	SLV_Ex		551.8626	72.4277	0.309	52.17
172	172	903	SLV_Ex		545.7197	81.999	-0.596	52.17
173	173	903	SLU_ENV	Max	0.	0.	0.	-69.28
173	173	918	SLU_ENV	Max	0.	0.	0.	-69.28
173	173	919	SLU_ENV	Max	0.	0.	0.	-69.28
173	173	904	SLU_ENV	Max	0.	0.	0.	-69.28
173	173	903	SLU_ENV	Min	0.	0.	0.	-135.95
173	173	918	SLU_ENV	Min	0.	0.	0.	-135.95
173	173	919	SLU_ENV	Min	0.	0.	0.	-135.95
173	173	904	SLU_ENV	Min	0.	0.	0.	-135.95
173	173	903	SLV_Ex		552.8254	84.6106	-0.587	27.53
173	173	918	SLV_Ex		553.7727	71.6212	0.301	27.53
173	173	919	SLV_Ex		581.6771	68.8576	-0.056	27.53
173	173	904	SLV_Ex		580.0921	82.3307	-0.901	27.53
174	174	904	SLU_ENV	Max	0.	0.	0.	-88.98
174	174	919	SLU_ENV	Max	0.	0.	0.	-88.98
174	174	920	SLU_ENV	Max	0.	0.	0.	-88.98
174	174	905	SLU_ENV	Max	0.	0.	0.	-88.98
174	174	904	SLU_ENV	Min	0.	0.	0.	-170.5

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
174	174	919	SLU_ENV	Min	0.	0.	0.	-170.5
174	174	920	SLU_ENV	Min	0.	0.	0.	-170.5
174	174	905	SLU_ENV	Min	0.	0.	0.	-170.5
174	174	904	SLV_Ex		582.9099	84.9411	-0.573	3.26
174	174	919	SLV_Ex		586.8453	67.9078	-0.364	3.26
174	174	920	SLV_Ex		590.8177	66.1353	-1.023	3.26
174	174	905	SLV_Ex		585.8043	83.9993	-1.262	3.26
175	175	905	SLU_ENV	Max	0.	0.	0.	-107.99
175	175	920	SLU_ENV	Max	0.	0.	0.	-107.99
175	175	921	SLU_ENV	Max	0.	0.	0.	-107.99
175	175	906	SLU_ENV	Max	0.	0.	0.	-107.99
175	175	905	SLU_ENV	Min	0.	0.	0.	-202.35
175	175	920	SLU_ENV	Min	0.	0.	0.	-202.35
175	175	921	SLU_ENV	Min	0.	0.	0.	-202.35
175	175	906	SLU_ENV	Min	0.	0.	0.	-202.35
175	175	905	SLV_Ex		588.379	86.5562	-1.112	-21.13
175	175	920	SLV_Ex		591.663	64.2679	-1.163	-21.13
175	175	921	SLV_Ex		571.4084	60.3279	-1.909	-21.13
175	175	906	SLV_Ex		567.0304	83.4745	-1.902	-21.13
176	176	906	SLU_ENV	Max	0.	0.	0.	-125.98
176	176	921	SLU_ENV	Max	0.	0.	0.	-125.98
176	176	922	SLU_ENV	Max	0.	0.	0.	-125.98
176	176	907	SLU_ENV	Max	0.	0.	0.	-125.98
176	176	906	SLU_ENV	Min	0.	0.	0.	-231.76
176	176	921	SLU_ENV	Min	0.	0.	0.	-231.76
176	176	922	SLU_ENV	Min	0.	0.	0.	-231.76
176	176	907	SLU_ENV	Min	0.	0.	0.	-231.76
176	176	906	SLV_Ex		569.7737	86.1955	-1.675	-44.64
176	176	921	SLV_Ex		568.1145	57.485	-2.116	-44.64
176	176	922	SLV_Ex		524.6469	52.6781	-2.725	-44.64
176	176	907	SLV_Ex		524.5327	82.7828	-2.298	-44.64
177	177	907	SLU_ENV	Max	0.	0.	0.	-143.4
177	177	922	SLU_ENV	Max	0.	0.	0.	-143.4
177	177	217	SLU_ENV	Max	0.	0.	0.	-143.4
177	177	190	SLU_ENV	Max	0.	0.	0.	-143.4
177	177	907	SLU_ENV	Min	0.	0.	0.	-259.71
177	177	922	SLU_ENV	Min	0.	0.	0.	-259.71
177	177	217	SLU_ENV	Min	0.	0.	0.	-259.71
177	177	190	SLU_ENV	Min	0.	0.	0.	-259.71
177	177	907	SLV_Ex		521.494	84.8521	-2.144	-66.28
177	177	922	SLV_Ex		521.9412	49.4212	-2.887	-66.28
177	177	217	SLV_Ex		457.5412	42.584	-4.129	-66.28
177	177	190	SLV_Ex		454.8755	79.7802	-3.423	-66.28
178	178	469	SLU_ENV	Max	0.	0.	0.	253.12
178	178	487	SLU_ENV	Max	0.	0.	0.	253.12
178	178	923	SLU_ENV	Max	0.	0.	0.	253.12
178	178	908	SLU_ENV	Max	0.	0.	0.	253.12
178	178	469	SLU_ENV	Min	0.	0.	0.	146.63
178	178	487	SLU_ENV	Min	0.	0.	0.	146.63
178	178	923	SLU_ENV	Min	0.	0.	0.	146.63
178	178	908	SLU_ENV	Min	0.	0.	0.	146.63
178	178	469	SLV_Ex		-184.356	-1261.3421	-89.271	267.19
178	178	487	SLV_Ex		-192.4087	-1265.033	-88.691	267.19
178	178	923	SLV_Ex		-127.6308	-997.0497	-88.43	267.19

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
178	178	908	SLV_Ex		-118.6939	-994.5229	-89.149	267.19
179	179	908	SLU_ENV	Max	0.	0.	0.	230.58
179	179	923	SLU_ENV	Max	0.	0.	0.	230.58
179	179	924	SLU_ENV	Max	0.	0.	0.	230.58
179	179	909	SLU_ENV	Max	0.	0.	0.	230.58
179	179	908	SLU_ENV	Min	0.	0.	0.	131.61
179	179	923	SLU_ENV	Min	0.	0.	0.	131.61
179	179	924	SLU_ENV	Min	0.	0.	0.	131.61
179	179	909	SLU_ENV	Min	0.	0.	0.	131.61
179	179	908	SLV_Ex		-122.6726	-1000.3024	-89.288	254.68
179	179	923	SLV_Ex		-133.0456	-1038.4449	-88.357	254.68
179	179	924	SLV_Ex		-66.8535	-782.2587	89.97	254.68
179	179	909	SLV_Ex		-54.8076	-746.079	88.721	254.68
180	180	909	SLU_ENV	Max	0.	0.	0.	201.64
180	180	924	SLU_ENV	Max	0.	0.	0.	201.64
180	180	925	SLU_ENV	Max	0.	0.	0.	201.64
180	180	910	SLU_ENV	Max	0.	0.	0.	201.64
180	180	909	SLU_ENV	Min	0.	0.	0.	112.93
180	180	924	SLU_ENV	Min	0.	0.	0.	112.93
180	180	925	SLU_ENV	Min	0.	0.	0.	112.93
180	180	910	SLU_ENV	Min	0.	0.	0.	112.93
180	180	909	SLV_Ex		-60.9248	-761.627	89.883	235.14
180	180	924	SLV_Ex		-66.4229	-794.8311	88.858	235.14
180	180	925	SLV_Ex		-31.9839	-560.9405	85.895	235.14
180	180	910	SLV_Ex		-26.33	-528.389	87.179	235.14
181	181	910	SLU_ENV	Max	0.	0.	0.	168.36
181	181	925	SLU_ENV	Max	0.	0.	0.	168.36
181	181	926	SLU_ENV	Max	0.	0.	0.	168.36
181	181	911	SLU_ENV	Max	0.	0.	0.	168.36
181	181	910	SLU_ENV	Min	0.	0.	0.	92.41
181	181	925	SLU_ENV	Min	0.	0.	0.	92.41
181	181	926	SLU_ENV	Min	0.	0.	0.	92.41
181	181	911	SLU_ENV	Min	0.	0.	0.	92.41
181	181	910	SLV_Ex		-28.8757	-537.3837	87.44	212.8
181	181	925	SLV_Ex		-28.1067	-546.1325	85.598	212.8
181	181	926	SLV_Ex		-1.6574	-335.3889	82.351	212.8
181	181	911	SLV_Ex		-3.1489	-326.2233	85.176	212.8
182	182	911	SLU_ENV	Max	0.	0.	0.	133.65
182	182	926	SLU_ENV	Max	0.	0.	0.	133.65
182	182	927	SLU_ENV	Max	0.	0.	0.	133.65
182	182	912	SLU_ENV	Max	0.	0.	0.	133.65
182	182	911	SLU_ENV	Min	0.	0.	0.	71.87
182	182	926	SLU_ENV	Min	0.	0.	0.	71.87
182	182	927	SLU_ENV	Min	0.	0.	0.	71.87
182	182	912	SLU_ENV	Min	0.	0.	0.	71.87
182	182	911	SLV_Ex		-3.4371	-324.3097	84.853	190.84
182	182	926	SLV_Ex		-0.6127	-332.9743	82.593	190.84
182	182	927	SLV_Ex		29.2457	-148.5461	74.369	190.84
182	182	912	SLV_Ex		24.3162	-138.1695	78.281	190.84
183	183	912	SLU_ENV	Max	0.	0.	0.	96.73
183	183	927	SLU_ENV	Max	0.	0.	0.	96.73
183	183	928	SLU_ENV	Max	0.	0.	0.	96.73
183	183	913	SLU_ENV	Max	0.	0.	0.	96.73
183	183	912	SLU_ENV	Min	0.	0.	0.	51.13

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
183	183	927	SLU_ENV	Min	0.	0.	0.	51.13
183	183	928	SLU_ENV	Min	0.	0.	0.	51.13
183	183	913	SLU_ENV	Min	0.	0.	0.	51.13
183	183	912	SLV_Ex		22.9198	-138.5592	79.224	167.84
183	183	927	SLV_Ex		32.4879	-143.4764	73.186	167.84
183	183	928	SLV_Ex		80.3581	-10.4631	41.913	167.84
183	183	913	SLV_Ex		58.6392	6.3196	42.76	167.84
184	184	913	SLU_ENV	Max	0.	0.	0.	59.09
184	184	928	SLU_ENV	Max	0.	0.	0.	59.09
184	184	929	SLU_ENV	Max	0.	0.	0.	59.09
184	184	914	SLU_ENV	Max	0.	0.	0.	59.09
184	184	913	SLU_ENV	Min	0.	0.	0.	30.79
184	184	928	SLU_ENV	Min	0.	0.	0.	30.79
184	184	929	SLU_ENV	Min	0.	0.	0.	30.79
184	184	914	SLU_ENV	Min	0.	0.	0.	30.79
184	184	913	SLV_Ex		63.8638	6.8752	40.743	145.27
184	184	928	SLV_Ex		80.0646	-6.835	41.2	145.27
184	184	929	SLV_Ex		198.8846	32.7024	14.532	145.27
184	184	914	SLV_Ex		188.8581	39.9229	10.003	145.27
185	185	914	SLU_ENV	Max	0.	0.	0.	19.81
185	185	929	SLU_ENV	Max	0.	0.	0.	19.81
185	185	930	SLU_ENV	Max	0.	0.	0.	19.81
185	185	915	SLU_ENV	Max	0.	0.	0.	19.81
185	185	914	SLU_ENV	Min	0.	0.	0.	10.27
185	185	929	SLU_ENV	Min	0.	0.	0.	10.27
185	185	930	SLU_ENV	Min	0.	0.	0.	10.27
185	185	915	SLU_ENV	Min	0.	0.	0.	10.27
185	185	914	SLV_Ex		190.2791	40.9663	9.638	121.84
185	185	929	SLV_Ex		204.9872	33.4671	14.338	121.84
185	185	930	SLV_Ex		321.2519	45.6242	7.182	121.84
185	185	915	SLV_Ex		308.7656	50.6549	3.937	121.84
186	186	915	SLU_ENV	Max	0.	0.	0.	-9.95
186	186	930	SLU_ENV	Max	0.	0.	0.	-9.95
186	186	931	SLU_ENV	Max	0.	0.	0.	-9.95
186	186	916	SLU_ENV	Max	0.	0.	0.	-9.95
186	186	915	SLU_ENV	Min	0.	0.	0.	-19.23
186	186	930	SLU_ENV	Min	0.	0.	0.	-19.23
186	186	931	SLU_ENV	Min	0.	0.	0.	-19.23
186	186	916	SLU_ENV	Min	0.	0.	0.	-19.23
186	186	915	SLV_Ex		316.4022	52.0904	4.17	98.28
186	186	930	SLV_Ex		324.093	46.5497	6.813	98.28
186	186	931	SLV_Ex		421.1871	52.8362	4.353	98.28
186	186	916	SLV_Ex		413.4702	58.166	2.317	98.28
187	187	916	SLU_ENV	Max	0.	0.	0.	-30.47
187	187	931	SLU_ENV	Max	0.	0.	0.	-30.47
187	187	932	SLU_ENV	Max	0.	0.	0.	-30.47
187	187	917	SLU_ENV	Max	0.	0.	0.	-30.47
187	187	916	SLU_ENV	Min	0.	0.	0.	-58.51
187	187	931	SLU_ENV	Min	0.	0.	0.	-58.51
187	187	932	SLU_ENV	Min	0.	0.	0.	-58.51
187	187	917	SLU_ENV	Min	0.	0.	0.	-58.51
187	187	916	SLV_Ex		417.6338	59.676	2.48	74.13
187	187	931	SLV_Ex		427.7603	53.6081	4.108	74.13
187	187	932	SLV_Ex		501.3007	56.902	2.439	74.13

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
187	187	917	SLV_Ex		490.8593	63.0757	1.022	74.13
188	188	917	SLU_ENV	Max	0.	0.	0.	-50.81
188	188	932	SLU_ENV	Max	0.	0.	0.	-50.81
188	188	933	SLU_ENV	Max	0.	0.	0.	-50.81
188	188	918	SLU_ENV	Max	0.	0.	0.	-50.81
188	188	917	SLU_ENV	Min	0.	0.	0.	-96.16
188	188	932	SLU_ENV	Min	0.	0.	0.	-96.16
188	188	933	SLU_ENV	Min	0.	0.	0.	-96.16
188	188	918	SLU_ENV	Min	0.	0.	0.	-96.16
188	188	917	SLV_Ex		499.9772	65.525	1.093	49.32
188	188	932	SLV_Ex		505.9496	57.2566	2.329	49.32
188	188	933	SLV_Ex		555.2852	56.3935	1.451	49.32
188	188	918	SLV_Ex		548.8164	64.9838	0.32	49.32
189	189	918	SLU_ENV	Max	0.	0.	0.	-71.55
189	189	933	SLU_ENV	Max	0.	0.	0.	-71.55
189	189	934	SLU_ENV	Max	0.	0.	0.	-71.55
189	189	919	SLU_ENV	Max	0.	0.	0.	-71.55
189	189	918	SLU_ENV	Min	0.	0.	0.	-133.09
189	189	933	SLU_ENV	Min	0.	0.	0.	-133.09
189	189	934	SLU_ENV	Min	0.	0.	0.	-133.09
189	189	919	SLU_ENV	Min	0.	0.	0.	-133.09
189	189	918	SLV_Ex		555.3198	67.6562	0.603	24.24
189	189	933	SLV_Ex		563.6911	56.7933	1.155	24.24
189	189	934	SLV_Ex		588.2058	55.9398	0.213	24.24
189	189	919	SLV_Ex		579.1037	67.336	-0.348	24.24
190	190	919	SLU_ENV	Max	0.	0.	0.	-92.11
190	190	934	SLU_ENV	Max	0.	0.	0.	-92.11
190	190	935	SLU_ENV	Max	0.	0.	0.	-92.11
190	190	920	SLU_ENV	Max	0.	0.	0.	-92.11
190	190	919	SLU_ENV	Min	0.	0.	0.	-167.83
190	190	934	SLU_ENV	Min	0.	0.	0.	-167.83
190	190	935	SLU_ENV	Min	0.	0.	0.	-167.83
190	190	920	SLU_ENV	Min	0.	0.	0.	-167.83
190	190	919	SLV_Ex		590.0497	71.1706	-0.336	-1.65
190	190	934	SLV_Ex		595.0965	55.6746	0.2	-1.65
190	190	935	SLV_Ex		593.8744	49.6217	-0.488	-1.65
190	190	920	SLV_Ex		588.1679	65.6175	-1.049	-1.65
191	191	920	SLU_ENV	Max	0.	0.	0.	-112.65
191	191	935	SLU_ENV	Max	0.	0.	0.	-112.65
191	191	936	SLU_ENV	Max	0.	0.	0.	-112.65
191	191	921	SLU_ENV	Max	0.	0.	0.	-112.65
191	191	920	SLU_ENV	Min	0.	0.	0.	-201.14
191	191	935	SLU_ENV	Min	0.	0.	0.	-201.14
191	191	936	SLU_ENV	Min	0.	0.	0.	-201.14
191	191	921	SLU_ENV	Min	0.	0.	0.	-201.14
191	191	920	SLV_Ex		595.9219	70.1687	-0.847	-26.91
191	191	935	SLV_Ex		607.1206	49.3031	-0.654	-26.91
191	191	936	SLV_Ex		581.3907	41.3265	-1.975	-26.91
191	191	921	SLV_Ex		569.0279	63.0863	-2.267	-26.91
192	192	921	SLU_ENV	Max	0.	0.	0.	-131.37
192	192	936	SLU_ENV	Max	0.	0.	0.	-131.37
192	192	937	SLU_ENV	Max	0.	0.	0.	-131.37
192	192	922	SLU_ENV	Max	0.	0.	0.	-131.37
192	192	921	SLU_ENV	Min	0.	0.	0.	-230.14

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
192	192	936	SLU_ENV	Min	0.	0.	0.	-230.14
192	192	937	SLU_ENV	Min	0.	0.	0.	-230.14
192	192	922	SLU_ENV	Min	0.	0.	0.	-230.14
192	192	921	SLV_Ex		574.2144	67.5724	-1.664	-50.99
192	192	936	SLV_Ex		583.9742	38.3422	-2.513	-50.99
192	192	937	SLV_Ex		535.1035	36.1482	-4.116	-50.99
192	192	922	SLV_Ex		523.6423	66.8116	-3.334	-50.99
193	193	922	SLU_ENV	Max	0.	0.	0.	-146.44
193	193	937	SLU_ENV	Max	0.	0.	0.	-146.44
193	193	244	SLU_ENV	Max	0.	0.	0.	-146.44
193	193	217	SLU_ENV	Max	0.	0.	0.	-146.44
193	193	922	SLU_ENV	Min	0.	0.	0.	-252.77
193	193	937	SLU_ENV	Min	0.	0.	0.	-252.77
193	193	244	SLU_ENV	Min	0.	0.	0.	-252.77
193	193	217	SLU_ENV	Min	0.	0.	0.	-252.77
193	193	922	SLV_Ex		531.3683	70.8576	-3.394	-73.48
193	193	937	SLV_Ex		522.272	31.0854	-4.089	-73.48
193	193	244	SLV_Ex		449.9631	23.7905	-4.608	-73.48
193	193	217	SLV_Ex		456.9884	65.2047	-3.874	-73.48
194	194	487	SLU_ENV	Max	0.	0.	0.	252.14
194	194	505	SLU_ENV	Max	0.	0.	0.	252.14
194	194	938	SLU_ENV	Max	0.	0.	0.	252.14
194	194	923	SLU_ENV	Max	0.	0.	0.	252.14
194	194	487	SLU_ENV	Min	0.	0.	0.	153.7
194	194	505	SLU_ENV	Min	0.	0.	0.	153.7
194	194	938	SLU_ENV	Min	0.	0.	0.	153.7
194	194	923	SLU_ENV	Min	0.	0.	0.	153.7
194	194	487	SLV_Ex		-183.5595	-1259.243	-87.565	271.27
194	194	505	SLV_Ex		-199.9472	-1333.4502	-83.838	271.27
194	194	938	SLV_Ex		-70.7624	-1054.5937	-85.455	271.27
194	194	923	SLV_Ex		-48.7963	-986.1854	-89.853	271.27
195	195	923	SLU_ENV	Max	0.	0.	0.	237.77
195	195	938	SLU_ENV	Max	0.	0.	0.	237.77
195	195	939	SLU_ENV	Max	0.	0.	0.	237.77
195	195	924	SLU_ENV	Max	0.	0.	0.	237.77
195	195	923	SLU_ENV	Min	0.	0.	0.	142.01
195	195	938	SLU_ENV	Min	0.	0.	0.	142.01
195	195	939	SLU_ENV	Min	0.	0.	0.	142.01
195	195	924	SLU_ENV	Min	0.	0.	0.	142.01
195	195	923	SLV_Ex		-63.139	-1034.7532	-87.028	265.49
195	195	938	SLV_Ex		-86.0504	-1137.7233	-88.391	265.49
195	195	939	SLV_Ex		-54.9369	-872.3176	86.806	265.49
195	195	924	SLV_Ex		-33.6175	-768.5581	88.075	265.49
196	196	924	SLU_ENV	Max	0.	0.	0.	203.42
196	196	939	SLU_ENV	Max	0.	0.	0.	203.42
196	196	940	SLU_ENV	Max	0.	0.	0.	203.42
196	196	925	SLU_ENV	Max	0.	0.	0.	203.42
196	196	924	SLU_ENV	Min	0.	0.	0.	118.55
196	196	939	SLU_ENV	Min	0.	0.	0.	118.55
196	196	940	SLU_ENV	Min	0.	0.	0.	118.55
196	196	925	SLU_ENV	Min	0.	0.	0.	118.55
196	196	924	SLV_Ex		-39.292	-792.3959	88.415	239.15
196	196	939	SLV_Ex		-41.3531	-811.0863	86.333	239.15
196	196	940	SLV_Ex		-21.5305	-574.444	83.73	239.15

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
196	196	925	SLV_Ex		-20.5721	-555.0253	86.592	239.15
197	197	925	SLU_ENV	Max	0.	0.	0.	168.41
197	197	940	SLU_ENV	Max	0.	0.	0.	168.41
197	197	941	SLU_ENV	Max	0.	0.	0.	168.41
197	197	926	SLU_ENV	Max	0.	0.	0.	168.41
197	197	925	SLU_ENV	Min	0.	0.	0.	95.89
197	197	940	SLU_ENV	Min	0.	0.	0.	95.89
197	197	941	SLU_ENV	Min	0.	0.	0.	95.89
197	197	926	SLU_ENV	Min	0.	0.	0.	95.89
197	197	925	SLV_Ex		-19.7442	-544.6033	86.053	215.73
197	197	940	SLV_Ex		-18.6236	-564.7613	84.106	215.73
197	197	941	SLV_Ex		9.3954	-355.0181	79.143	215.73
197	197	926	SLV_Ex		6.852	-333.9353	81.877	215.73
198	198	926	SLU_ENV	Max	0.	0.	0.	131.95
198	198	941	SLU_ENV	Max	0.	0.	0.	131.95
198	198	942	SLU_ENV	Max	0.	0.	0.	131.95
198	198	927	SLU_ENV	Max	0.	0.	0.	131.95
198	198	926	SLU_ENV	Min	0.	0.	0.	73.68
198	198	941	SLU_ENV	Min	0.	0.	0.	73.68
198	198	942	SLU_ENV	Min	0.	0.	0.	73.68
198	198	927	SLU_ENV	Min	0.	0.	0.	73.68
198	198	926	SLV_Ex		5.5932	-333.0256	82.406	191.6
198	198	941	SLV_Ex		14.2284	-342.6821	78.335	191.6
198	198	942	SLV_Ex		37.5224	-164.4146	67.77	191.6
198	198	927	SLV_Ex		22.2917	-148.5622	74.34	191.6
199	199	927	SLU_ENV	Max	0.	0.	0.	95.43
199	199	942	SLU_ENV	Max	0.	0.	0.	95.43
199	199	943	SLU_ENV	Max	0.	0.	0.	95.43
199	199	928	SLU_ENV	Max	0.	0.	0.	95.43
199	199	927	SLU_ENV	Min	0.	0.	0.	52.41
199	199	942	SLU_ENV	Min	0.	0.	0.	52.41
199	199	943	SLU_ENV	Min	0.	0.	0.	52.41
199	199	928	SLU_ENV	Min	0.	0.	0.	52.41
199	199	927	SLV_Ex		25.153	-144.5428	72.895	168.67
199	199	942	SLV_Ex		37.8568	-156.1304	67.974	168.67
199	199	943	SLV_Ex		98.0809	-35.1341	40.956	168.67
199	199	928	SLV_Ex		77.5034	-16.0992	40.436	168.67
200	200	928	SLU_ENV	Max	0.	0.	0.	57.51
200	200	943	SLU_ENV	Max	0.	0.	0.	57.51
200	200	944	SLU_ENV	Max	0.	0.	0.	57.51
200	200	929	SLU_ENV	Max	0.	0.	0.	57.51
200	200	928	SLU_ENV	Min	0.	0.	0.	31.26
200	200	943	SLU_ENV	Min	0.	0.	0.	31.26
200	200	944	SLU_ENV	Min	0.	0.	0.	31.26
200	200	929	SLU_ENV	Min	0.	0.	0.	31.26
200	200	928	SLV_Ex		78.2273	-13.389	39.56	144.99
200	200	943	SLV_Ex		104.5414	-32.0105	39.73	144.99
200	200	944	SLV_Ex		214.3709	8.2921	18.038	144.99
200	200	929	SLV_Ex		194.4719	20.1433	13.12	144.99
201	201	929	SLU_ENV	Max	0.	0.	0.	19.63
201	201	944	SLU_ENV	Max	0.	0.	0.	19.63
201	201	945	SLU_ENV	Max	0.	0.	0.	19.63
201	201	930	SLU_ENV	Max	0.	0.	0.	19.63
201	201	929	SLU_ENV	Min	0.	0.	0.	10.59



Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
201	201	944	SLU_ENV	Min	0.	0.	0.	10.59
201	201	945	SLU_ENV	Min	0.	0.	0.	10.59
201	201	930	SLU_ENV	Min	0.	0.	0.	10.59
201	201	929	SLV_Ex		202.214	20.5118	13.397	121.57
201	201	944	SLV_Ex		218.0995	11.4266	17.155	121.57
201	201	945	SLV_Ex		331.4929	25.313	9.872	121.57
201	201	930	SLV_Ex		317.674	31.9943	6.973	121.57
202	202	930	SLU_ENV	Max	0.	0.	0.	-10.28
202	202	945	SLU_ENV	Max	0.	0.	0.	-10.28
202	202	946	SLU_ENV	Max	0.	0.	0.	-10.28
202	202	931	SLU_ENV	Max	0.	0.	0.	-10.28
202	202	930	SLU_ENV	Min	0.	0.	0.	-19.08
202	202	945	SLU_ENV	Min	0.	0.	0.	-19.08
202	202	946	SLU_ENV	Min	0.	0.	0.	-19.08
202	202	931	SLU_ENV	Min	0.	0.	0.	-19.08
202	202	930	SLV_Ex		322.6243	33.0475	6.999	97.41
202	202	945	SLV_Ex		338.3769	26.9786	9.576	97.41
202	202	946	SLV_Ex		432.2339	32.7151	6.018	97.41
202	202	931	SLV_Ex		416.9964	37.9889	3.882	97.41
203	203	931	SLU_ENV	Max	0.	0.	0.	-30.95
203	203	946	SLU_ENV	Max	0.	0.	0.	-30.95
203	203	947	SLU_ENV	Max	0.	0.	0.	-30.95
203	203	932	SLU_ENV	Max	0.	0.	0.	-30.95
203	203	931	SLU_ENV	Min	0.	0.	0.	-56.96
203	203	946	SLU_ENV	Min	0.	0.	0.	-56.96
203	203	947	SLU_ENV	Min	0.	0.	0.	-56.96
203	203	932	SLU_ENV	Min	0.	0.	0.	-56.96
203	203	931	SLV_Ex		425.9542	39.6554	4.033	72.79
203	203	946	SLV_Ex		438.1118	34.246	5.729	72.79
203	203	947	SLV_Ex		509.556	36.1274	3.834	72.79
203	203	932	SLV_Ex		497.174	41.5256	2.338	72.79
204	204	932	SLU_ENV	Max	0.	0.	0.	-52.11
204	204	947	SLU_ENV	Max	0.	0.	0.	-52.11
204	204	948	SLU_ENV	Max	0.	0.	0.	-52.11
204	204	933	SLU_ENV	Max	0.	0.	0.	-52.11
204	204	932	SLU_ENV	Min	0.	0.	0.	-94.9
204	204	947	SLU_ENV	Min	0.	0.	0.	-94.9
204	204	948	SLU_ENV	Min	0.	0.	0.	-94.9
204	204	933	SLU_ENV	Min	0.	0.	0.	-94.9
204	204	932	SLV_Ex		504.8681	43.4354	2.571	47.53
204	204	947	SLV_Ex		518.1099	37.6279	3.521	47.53
204	204	948	SLV_Ex		564.9887	38.3474	2.066	47.53
204	204	933	SLV_Ex		551.2926	44.4077	1.153	47.53
205	205	933	SLU_ENV	Max	0.	0.	0.	-73.4
205	205	948	SLU_ENV	Max	0.	0.	0.	-73.4
205	205	949	SLU_ENV	Max	0.	0.	0.	-73.4
205	205	934	SLU_ENV	Max	0.	0.	0.	-73.4
205	205	933	SLU_ENV	Min	0.	0.	0.	-131.45
205	205	948	SLU_ENV	Min	0.	0.	0.	-131.45
205	205	949	SLU_ENV	Min	0.	0.	0.	-131.45
205	205	934	SLU_ENV	Min	0.	0.	0.	-131.45
205	205	933	SLV_Ex		563.5196	47.5472	1.188	21.12
205	205	948	SLV_Ex		574.091	39.5111	1.978	21.12
205	205	949	SLV_Ex		595.081	35.4992	0.953	21.12

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
205	205	934	SLV_Ex		584.1129	43.7862	0.165	21.12
206	206	934	SLU_ENV	Max	0.	0.	0.	-95.63
206	206	949	SLU_ENV	Max	0.	0.	0.	-95.63
206	206	950	SLU_ENV	Max	0.	0.	0.	-95.63
206	206	935	SLU_ENV	Max	0.	0.	0.	-95.63
206	206	934	SLU_ENV	Min	0.	0.	0.	-167.96
206	206	949	SLU_ENV	Min	0.	0.	0.	-167.96
206	206	950	SLU_ENV	Min	0.	0.	0.	-167.96
206	206	935	SLU_ENV	Min	0.	0.	0.	-167.96
206	206	934	SLV_Ex		596.44	47.8797	0.473	-5.98
206	206	949	SLV_Ex		609.4092	36.7989	0.635	-5.98
206	206	950	SLV_Ex		603.7733	33.3489	-0.548	-5.98
206	206	935	SLV_Ex		590.1412	44.9388	-0.764	-5.98
207	207	935	SLU_ENV	Max	0.	0.	0.	-118.35
207	207	950	SLU_ENV	Max	0.	0.	0.	-118.35
207	207	951	SLU_ENV	Max	0.	0.	0.	-118.35
207	207	936	SLU_ENV	Max	0.	0.	0.	-118.35
207	207	935	SLU_ENV	Min	0.	0.	0.	-203.05
207	207	950	SLU_ENV	Min	0.	0.	0.	-203.05
207	207	951	SLU_ENV	Min	0.	0.	0.	-203.05
207	207	936	SLU_ENV	Min	0.	0.	0.	-203.05
207	207	935	SLV_Ex		611.7959	51.8775	-0.848	-34.86
207	207	950	SLV_Ex		618.6646	33.71	-0.437	-34.86
207	207	951	SLV_Ex		584.3318	22.0536	-1.301	-34.86
207	207	936	SLV_Ex		576.9926	40.6033	-1.773	-34.86
208	208	936	SLU_ENV	Max	0.	0.	0.	-141.86
208	208	951	SLU_ENV	Max	0.	0.	0.	-141.86
208	208	952	SLU_ENV	Max	0.	0.	0.	-141.86
208	208	937	SLU_ENV	Max	0.	0.	0.	-141.86
208	208	936	SLU_ENV	Min	0.	0.	0.	-237.5
208	208	951	SLU_ENV	Min	0.	0.	0.	-237.5
208	208	952	SLU_ENV	Min	0.	0.	0.	-237.5
208	208	937	SLU_ENV	Min	0.	0.	0.	-237.5
208	208	936	SLV_Ex		590.809	50.1908	-1.627	-62.57
208	208	951	SLV_Ex		622.6848	22.9548	-1.327	-62.57
208	208	952	SLV_Ex		563.7685	5.2772	-4.418	-62.57
208	208	937	SLV_Ex		530.9964	33.1454	-5.131	-62.57
209	209	937	SLU_ENV	Max	0.	0.	0.	-153.63
209	209	952	SLU_ENV	Max	0.	0.	0.	-153.63
209	209	271	SLU_ENV	Max	0.	0.	0.	-153.63
209	209	244	SLU_ENV	Max	0.	0.	0.	-153.63
209	209	937	SLU_ENV	Min	0.	0.	0.	-251.99
209	209	952	SLU_ENV	Min	0.	0.	0.	-251.99
209	209	271	SLU_ENV	Min	0.	0.	0.	-251.99
209	209	244	SLU_ENV	Min	0.	0.	0.	-251.99
209	209	937	SLV_Ex		531.7985	41.4785	-3.182	-83.61
209	209	952	SLV_Ex		546.6888	-7.2821	-6.263	-83.61
209	209	271	SLV_Ex		469.549	5.4958	-9.401	-83.61
209	209	244	SLV_Ex		450.3594	58.2813	-6.168	-83.61
210	210	505	SLU_ENV	Max	0.	0.	0.	318.34
210	210	523	SLU_ENV	Max	0.	0.	0.	318.34
210	210	953	SLU_ENV	Max	0.	0.	0.	318.34
210	210	938	SLU_ENV	Max	0.	0.	0.	318.34
210	210	505	SLU_ENV	Min	0.	0.	0.	198.72

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
210	210	523	SLU_ENV	Min	0.	0.	0.	198.72
210	210	953	SLU_ENV	Min	0.	0.	0.	198.72
210	210	938	SLU_ENV	Min	0.	0.	0.	198.72
210	210	505	SLV_Ex		-70.4387	-1399.9356	-76.717	329.42
210	210	523	SLV_Ex		-145.2912	-1963.5145	-77.157	329.42
210	210	953	SLV_Ex		-65.4149	-1541.2195	89.948	329.42
210	210	938	SLV_Ex		41.6484	-1011.9195	84.633	329.42
211	211	938	SLU_ENV	Max	0.	0.	0.	248.84
211	211	953	SLU_ENV	Max	0.	0.	0.	248.84
211	211	954	SLU_ENV	Max	0.	0.	0.	248.84
211	211	939	SLU_ENV	Max	0.	0.	0.	248.84
211	211	938	SLU_ENV	Min	0.	0.	0.	153.6
211	211	953	SLU_ENV	Min	0.	0.	0.	153.6
211	211	954	SLU_ENV	Min	0.	0.	0.	153.6
211	211	939	SLU_ENV	Min	0.	0.	0.	153.6
211	211	938	SLV_Ex		13.2948	-1126.5478	89.748	272.51
211	211	953	SLV_Ex		17.6057	-1143.9473	85.347	272.51
211	211	954	SLV_Ex		-21.1177	-874.8175	83.207	272.51
211	211	939	SLV_Ex		-28.6466	-854.5409	89.212	272.51
212	212	939	SLU_ENV	Max	0.	0.	0.	206.8
212	212	954	SLU_ENV	Max	0.	0.	0.	206.8
212	212	955	SLU_ENV	Max	0.	0.	0.	206.8
212	212	940	SLU_ENV	Max	0.	0.	0.	206.8
212	212	939	SLU_ENV	Min	0.	0.	0.	123.39
212	212	954	SLU_ENV	Min	0.	0.	0.	123.39
212	212	955	SLU_ENV	Min	0.	0.	0.	123.39
212	212	940	SLU_ENV	Min	0.	0.	0.	123.39
212	212	939	SLV_Ex		-19.8036	-806.5438	86.93	243.19
212	212	954	SLV_Ex		-19.1354	-845.1776	85.142	243.19
212	212	955	SLV_Ex		7.4832	-609.6522	81.055	243.19
212	212	940	SLV_Ex		5.1364	-569.8991	83.247	243.19
213	213	940	SLU_ENV	Max	0.	0.	0.	168.6
213	213	955	SLU_ENV	Max	0.	0.	0.	168.6
213	213	956	SLU_ENV	Max	0.	0.	0.	168.6
213	213	941	SLU_ENV	Max	0.	0.	0.	168.6
213	213	940	SLU_ENV	Min	0.	0.	0.	98.
213	213	955	SLU_ENV	Min	0.	0.	0.	98.
213	213	956	SLU_ENV	Min	0.	0.	0.	98.
213	213	941	SLU_ENV	Min	0.	0.	0.	98.
213	213	940	SLV_Ex		4.9856	-562.6319	83.921	216.85
213	213	955	SLV_Ex		16.7388	-580.4621	79.998	216.85
213	213	956	SLV_Ex		25.402	-374.707	74.01	216.85
213	213	941	SLV_Ex		8.0793	-351.8262	79.656	216.85
214	214	941	SLU_ENV	Max	0.	0.	0.	131.85
214	214	956	SLU_ENV	Max	0.	0.	0.	131.85
214	214	957	SLU_ENV	Max	0.	0.	0.	131.85
214	214	942	SLU_ENV	Max	0.	0.	0.	131.85
214	214	941	SLU_ENV	Min	0.	0.	0.	75.05
214	214	956	SLU_ENV	Min	0.	0.	0.	75.05
214	214	957	SLU_ENV	Min	0.	0.	0.	75.05
214	214	942	SLU_ENV	Min	0.	0.	0.	75.05
214	214	941	SLV_Ex		12.7259	-342.7628	78.332	192.96
214	214	956	SLV_Ex		26.1332	-357.8052	74.454	192.96
214	214	957	SLV_Ex		56.6244	-187.6635	62.618	192.96

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
214	214	942	SLV_Ex		35.5909	-165.537	67.529	192.96
215	215	942	SLU_ENV	Max	0.	0.	0.	94.63
215	215	957	SLU_ENV	Max	0.	0.	0.	94.63
215	215	958	SLU_ENV	Max	0.	0.	0.	94.63
215	215	943	SLU_ENV	Max	0.	0.	0.	94.63
215	215	942	SLU_ENV	Min	0.	0.	0.	53.04
215	215	957	SLU_ENV	Min	0.	0.	0.	53.04
215	215	958	SLU_ENV	Min	0.	0.	0.	53.04
215	215	943	SLU_ENV	Min	0.	0.	0.	53.04
215	215	942	SLV_Ex		36.252	-159.1017	67.288	169.11
215	215	957	SLV_Ex		62.7468	-178.4855	61.483	169.11
215	215	958	SLV_Ex		124.1761	-71.0959	39.018	169.11
215	215	943	SLV_Ex		88.4987	-43.0298	38.153	169.11
216	216	943	SLU_ENV	Max	0.	0.	0.	57.29
216	216	958	SLU_ENV	Max	0.	0.	0.	57.29
216	216	959	SLU_ENV	Max	0.	0.	0.	57.29
216	216	944	SLU_ENV	Max	0.	0.	0.	57.29
216	216	943	SLU_ENV	Min	0.	0.	0.	31.75
216	216	958	SLU_ENV	Min	0.	0.	0.	31.75
216	216	959	SLU_ENV	Min	0.	0.	0.	31.75
216	216	944	SLU_ENV	Min	0.	0.	0.	31.75
216	216	943	SLV_Ex		97.5285	-43.2882	37.19	145.67
216	216	958	SLV_Ex		126.4765	-62.5607	37.837	145.67
216	216	959	SLV_Ex		233.6503	-20.5127	20.63	145.67
216	216	944	SLV_Ex		209.2395	-6.2437	16.932	145.67
217	217	944	SLU_ENV	Max	0.	0.	0.	19.23
217	217	959	SLU_ENV	Max	0.	0.	0.	19.23
217	217	960	SLU_ENV	Max	0.	0.	0.	19.23
217	217	945	SLU_ENV	Max	0.	0.	0.	19.23
217	217	944	SLU_ENV	Min	0.	0.	0.	10.61
217	217	959	SLU_ENV	Min	0.	0.	0.	10.61
217	217	960	SLU_ENV	Min	0.	0.	0.	10.61
217	217	945	SLU_ENV	Min	0.	0.	0.	10.61
217	217	944	SLV_Ex		215.0679	-5.1806	16.649	121.73
217	217	959	SLV_Ex		240.9528	-17.4246	20.088	121.73
217	217	960	SLV_Ex		348.7107	-3.7794	12.136	121.73
217	217	945	SLV_Ex		325.8787	5.0083	8.997	121.73
218	218	945	SLU_ENV	Max	0.	0.	0.	-10.31
218	218	960	SLU_ENV	Max	0.	0.	0.	-10.31
218	218	961	SLU_ENV	Max	0.	0.	0.	-10.31
218	218	946	SLU_ENV	Max	0.	0.	0.	-10.31
218	218	945	SLU_ENV	Min	0.	0.	0.	-18.68
218	218	960	SLU_ENV	Min	0.	0.	0.	-18.68
218	218	961	SLU_ENV	Min	0.	0.	0.	-18.68
218	218	946	SLU_ENV	Min	0.	0.	0.	-18.68
218	218	945	SLV_Ex		334.4506	5.526	9.243	97.47
218	218	960	SLV_Ex		354.6109	-0.6326	11.574	97.47
218	218	961	SLV_Ex		446.4129	5.4896	7.668	97.47
218	218	946	SLV_Ex		426.8483	10.711	5.63	97.47
219	219	946	SLU_ENV	Max	0.	0.	0.	-31.45
219	219	961	SLU_ENV	Max	0.	0.	0.	-31.45
219	219	962	SLU_ENV	Max	0.	0.	0.	-31.45
219	219	947	SLU_ENV	Max	0.	0.	0.	-31.45
219	219	946	SLU_ENV	Min	0.	0.	0.	-56.75

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
219	219	961	SLU_ENV	Min	0.	0.	0.	-56.75
219	219	962	SLU_ENV	Min	0.	0.	0.	-56.75
219	219	947	SLU_ENV	Min	0.	0.	0.	-56.75
219	219	946	SLV_Ex		434.586	11.7232	5.795	72.5
219	219	961	SLV_Ex		454.1711	7.9319	7.322	72.5
219	219	962	SLV_Ex		523.7062	10.3963	4.844	72.5
219	219	947	SLV_Ex		504.0558	13.9818	3.429	72.5
220	220	947	SLU_ENV	Max	0.	0.	0.	-52.75
220	220	962	SLU_ENV	Max	0.	0.	0.	-52.75
220	220	963	SLU_ENV	Max	0.	0.	0.	-52.75
220	220	948	SLU_ENV	Max	0.	0.	0.	-52.75
220	220	947	SLU_ENV	Min	0.	0.	0.	-94.12
220	220	962	SLU_ENV	Min	0.	0.	0.	-94.12
220	220	963	SLU_ENV	Min	0.	0.	0.	-94.12
220	220	948	SLU_ENV	Min	0.	0.	0.	-94.12
220	220	947	SLV_Ex		514.4963	15.7393	3.535	46.64
220	220	962	SLV_Ex		532.2272	12.6089	4.619	46.64
220	220	963	SLV_Ex		577.4128	11.5103	2.92	46.64
220	220	948	SLV_Ex		559.4638	14.6616	1.871	46.64
221	221	948	SLU_ENV	Max	0.	0.	0.	-74.79
221	221	963	SLU_ENV	Max	0.	0.	0.	-74.79
221	221	964	SLU_ENV	Max	0.	0.	0.	-74.79
221	221	949	SLU_ENV	Max	0.	0.	0.	-74.79
221	221	948	SLU_ENV	Min	0.	0.	0.	-131.37
221	221	963	SLU_ENV	Min	0.	0.	0.	-131.37
221	221	964	SLU_ENV	Min	0.	0.	0.	-131.37
221	221	949	SLU_ENV	Min	0.	0.	0.	-131.37
221	221	948	SLV_Ex		571.1223	16.9614	2.162	19.71
221	221	963	SLV_Ex		589.1212	14.0227	2.557	19.71
221	221	964	SLV_Ex		608.2094	13.4852	1.122	19.71
221	221	949	SLV_Ex		589.8635	16.6389	0.689	19.71
222	222	949	SLU_ENV	Max	0.	0.	0.	-97.77
222	222	964	SLU_ENV	Max	0.	0.	0.	-97.77
222	222	965	SLU_ENV	Max	0.	0.	0.	-97.77
222	222	950	SLU_ENV	Max	0.	0.	0.	-97.77
222	222	949	SLU_ENV	Min	0.	0.	0.	-168.19
222	222	964	SLU_ENV	Min	0.	0.	0.	-168.19
222	222	965	SLU_ENV	Min	0.	0.	0.	-168.19
222	222	950	SLU_ENV	Min	0.	0.	0.	-168.19
222	222	949	SLV_Ex		607.6654	20.6119	0.65	-9.23
222	222	964	SLV_Ex		623.0941	16.0555	1.116	-9.23
222	222	965	SLV_Ex		613.7604	8.6979	-0.05	-9.23
222	222	950	SLV_Ex		598.2722	13.2593	-0.558	-9.23
223	223	950	SLU_ENV	Max	0.	0.	0.	-123.23
223	223	965	SLU_ENV	Max	0.	0.	0.	-123.23
223	223	966	SLU_ENV	Max	0.	0.	0.	-123.23
223	223	951	SLU_ENV	Max	0.	0.	0.	-123.23
223	223	950	SLU_ENV	Min	0.	0.	0.	-206.5
223	223	965	SLU_ENV	Min	0.	0.	0.	-206.5
223	223	966	SLU_ENV	Min	0.	0.	0.	-206.5
223	223	951	SLU_ENV	Min	0.	0.	0.	-206.5
223	223	950	SLV_Ex		619.9287	19.3717	-0.039	-40.95
223	223	965	SLV_Ex		640.0373	12.1739	-0.532	-40.95
223	223	966	SLV_Ex		599.9169	9.0417	-2.154	-40.95

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
223	223	951	SLV_Ex		579.3398	16.6918	-1.708	-40.95
224	224	951	SLU_ENV	Max	0.	0.	0.	-153.55
224	224	966	SLU_ENV	Max	0.	0.	0.	-153.55
224	224	967	SLU_ENV	Max	0.	0.	0.	-153.55
224	224	952	SLU_ENV	Max	0.	0.	0.	-153.55
224	224	951	SLU_ENV	Min	0.	0.	0.	-248.72
224	224	966	SLU_ENV	Min	0.	0.	0.	-248.72
224	224	967	SLU_ENV	Min	0.	0.	0.	-248.72
224	224	952	SLU_ENV	Min	0.	0.	0.	-248.72
224	224	951	SLV_Ex		632.4801	30.3719	-2.633	-80.03
224	224	966	SLV_Ex		629.2469	11.6807	-1.055	-80.03
224	224	967	SLV_Ex		549.1499	-22.1559	-1.271	-80.03
224	224	952	SLV_Ex		552.6585	-3.5888	-2.986	-80.03
225	225	952	SLU_ENV	Max	0.	0.	0.	-198.86
225	225	967	SLU_ENV	Max	0.	0.	0.	-198.86
225	225	298	SLU_ENV	Max	0.	0.	0.	-198.86
225	225	271	SLU_ENV	Max	0.	0.	0.	-198.86
225	225	952	SLU_ENV	Min	0.	0.	0.	-318.5
225	225	967	SLU_ENV	Min	0.	0.	0.	-318.5
225	225	298	SLU_ENV	Min	0.	0.	0.	-318.5
225	225	271	SLU_ENV	Min	0.	0.	0.	-318.5
225	225	952	SLV_Ex		573.3643	36.415	-0.145	-134.01
225	225	967	SLV_Ex		738.0415	-20.6219	-3.02	-134.01
225	225	298	SLV_Ex		648.188	-49.6819	-14.787	-134.01
225	225	271	SLV_Ex		480.0914	10.8917	-17.367	-134.01
227	227	767	SLU_ENV	Max	0.	0.	0.	493.13
227	227	766	SLU_ENV	Max	0.	0.	0.	493.13
227	227	968	SLU_ENV	Max	0.	0.	0.	493.13
227	227	969	SLU_ENV	Max	0.	0.	0.	493.13
227	227	767	SLU_ENV	Min	0.	0.	0.	196.2
227	227	766	SLU_ENV	Min	0.	0.	0.	196.2
227	227	968	SLU_ENV	Min	0.	0.	0.	196.2
227	227	969	SLU_ENV	Min	0.	0.	0.	196.2
227	227	767	SLV_Ex		-414.6882	-1968.5527	86.844	469.12
227	227	766	SLV_Ex		-413.3696	-2223.3718	-87.341	469.12
227	227	968	SLV_Ex		-89.1433	-1759.8829	84.862	469.12
227	227	969	SLV_Ex		-26.3254	-1566.8064	77.795	469.12
228	228	969	SLU_ENV	Max	0.	0.	0.	416.29
228	228	968	SLU_ENV	Max	0.	0.	0.	416.29
228	228	970	SLU_ENV	Max	0.	0.	0.	416.29
228	228	971	SLU_ENV	Max	0.	0.	0.	416.29
228	228	969	SLU_ENV	Min	0.	0.	0.	159.58
228	228	968	SLU_ENV	Min	0.	0.	0.	159.58
228	228	970	SLU_ENV	Min	0.	0.	0.	159.58
228	228	971	SLU_ENV	Min	0.	0.	0.	159.58
228	228	969	SLV_Ex		-101.7538	-1789.9363	83.666	391.99
228	228	968	SLV_Ex		-41.9707	-1618.6546	79.557	391.99
228	228	970	SLV_Ex		-135.2881	-1183.0937	84.613	391.99
228	228	971	SLV_Ex		-170.8413	-1377.8809	89.905	391.99
229	229	971	SLU_ENV	Max	0.	0.	0.	351.99
229	229	970	SLU_ENV	Max	0.	0.	0.	351.99
229	229	972	SLU_ENV	Max	0.	0.	0.	351.99
229	229	973	SLU_ENV	Max	0.	0.	0.	351.99
229	229	971	SLU_ENV	Min	0.	0.	0.	128.24

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
229	229	970	SLU_ENV	Min	0.	0.	0.	128.24
229	229	972	SLU_ENV	Min	0.	0.	0.	128.24
229	229	973	SLU_ENV	Min	0.	0.	0.	128.24
229	229	971	SLV_Ex		-137.6208	-1235.6893	86.172	333.4
229	229	970	SLV_Ex		-128.9275	-1105.4951	88.468	333.4
229	229	972	SLV_Ex		10.457	-781.6522	-83.633	333.4
229	229	973	SLV_Ex		-12.3837	-898.2711	-87.393	333.4
230	230	973	SLU_ENV	Max	0.	0.	0.	296.78
230	230	972	SLU_ENV	Max	0.	0.	0.	296.78
230	230	974	SLU_ENV	Max	0.	0.	0.	296.78
230	230	975	SLU_ENV	Max	0.	0.	0.	296.78
230	230	973	SLU_ENV	Min	0.	0.	0.	100.16
230	230	972	SLU_ENV	Min	0.	0.	0.	100.16
230	230	974	SLU_ENV	Min	0.	0.	0.	100.16
230	230	975	SLU_ENV	Min	0.	0.	0.	100.16
230	230	973	SLV_Ex		7.6081	-832.8809	-83.063	282.8
230	230	972	SLV_Ex		2.9524	-794.1013	-88.078	282.8
230	230	974	SLV_Ex		-34.1857	-516.0527	-83.986	282.8
230	230	975	SLV_Ex		-17.9107	-566.8183	-76.539	282.8
231	231	975	SLU_ENV	Max	0.	0.	0.	254.77
231	231	974	SLU_ENV	Max	0.	0.	0.	254.77
231	231	976	SLU_ENV	Max	0.	0.	0.	254.77
231	231	977	SLU_ENV	Max	0.	0.	0.	254.77
231	231	975	SLU_ENV	Min	0.	0.	0.	76.61
231	231	974	SLU_ENV	Min	0.	0.	0.	76.61
231	231	976	SLU_ENV	Min	0.	0.	0.	76.61
231	231	977	SLU_ENV	Min	0.	0.	0.	76.61
231	231	975	SLV_Ex		-26.1688	-539.0339	-79.862	248.68
231	231	974	SLV_Ex		-21.6319	-502.5719	-79.542	248.68
231	231	976	SLV_Ex		56.3488	-285.6663	-68.312	248.68
231	231	977	SLV_Ex		47.3729	-318.4867	-69.407	248.68
232	232	977	SLU_ENV	Max	0.	0.	0.	217.22
232	232	976	SLU_ENV	Max	0.	0.	0.	217.22
232	232	978	SLU_ENV	Max	0.	0.	0.	217.22
232	232	979	SLU_ENV	Max	0.	0.	0.	217.22
232	232	977	SLU_ENV	Min	0.	0.	0.	53.55
232	232	976	SLU_ENV	Min	0.	0.	0.	53.55
232	232	978	SLU_ENV	Min	0.	0.	0.	53.55
232	232	979	SLU_ENV	Min	0.	0.	0.	53.55
232	232	977	SLV_Ex		66.1728	-316.3242	-66.454	215.68
232	232	976	SLV_Ex		39.9323	-285.9269	-71.562	215.68
232	232	978	SLV_Ex		77.9085	-121.0706	-49.882	215.68
232	232	979	SLV_Ex		117.1008	-165.106	-47.948	215.68
233	233	979	SLU_ENV	Max	0.	0.	0.	179.15
233	233	978	SLU_ENV	Max	0.	0.	0.	179.15
233	233	980	SLU_ENV	Max	0.	0.	0.	179.15
233	233	981	SLU_ENV	Max	0.	0.	0.	179.15
233	233	979	SLU_ENV	Min	0.	0.	0.	32.02
233	233	978	SLU_ENV	Min	0.	0.	0.	32.02
233	233	980	SLU_ENV	Min	0.	0.	0.	32.02
233	233	981	SLU_ENV	Min	0.	0.	0.	32.02
233	233	979	SLV_Ex		103.7772	-151.976	-48.681	188.59
233	233	978	SLV_Ex		92.0042	-133.106	-48.665	188.59
233	233	980	SLV_Ex		217.5683	-52.1368	-29.359	188.59

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
233	233	981	SLV_Ex		227.0593	-69.5161	-30.798	188.59
234	234	981	SLU_ENV	Max	0.	0.	0.	20.04
234	234	980	SLU_ENV	Max	0.	0.	0.	20.04
234	234	982	SLU_ENV	Max	0.	0.	0.	20.04
234	234	983	SLU_ENV	Max	0.	0.	0.	20.04
234	234	981	SLU_ENV	Min	0.	0.	0.	10.33
234	234	980	SLU_ENV	Min	0.	0.	0.	10.33
234	234	982	SLU_ENV	Min	0.	0.	0.	10.33
234	234	983	SLU_ENV	Min	0.	0.	0.	10.33
234	234	981	SLV_Ex		232.7786	-72.3446	-31.135	162.26
234	234	980	SLV_Ex		204.0979	-53.1781	-29.644	162.26
234	234	982	SLV_Ex		333.5822	-20.1294	-17.227	162.26
234	234	983	SLV_Ex		358.7048	-36.4456	-19.53	162.26
235	235	983	SLU_ENV	Max	0.	0.	0.	-10.8
235	235	982	SLU_ENV	Max	0.	0.	0.	-10.8
235	235	984	SLU_ENV	Max	0.	0.	0.	-10.8
235	235	985	SLU_ENV	Max	0.	0.	0.	-10.8
235	235	983	SLU_ENV	Min	0.	0.	0.	-20.85
235	235	982	SLU_ENV	Min	0.	0.	0.	-20.85
235	235	984	SLU_ENV	Min	0.	0.	0.	-20.85
235	235	985	SLU_ENV	Min	0.	0.	0.	-20.85
235	235	983	SLV_Ex		351.2675	-34.4243	-19.452	138.23
235	235	982	SLV_Ex		333.6558	-24.2184	-17.652	138.23
235	235	984	SLV_Ex		458.5203	-6.4176	-12.076	138.23
235	235	985	SLV_Ex		475.151	-16.3039	-13.665	138.23
236	236	985	SLU_ENV	Max	0.	0.	0.	-32.54
236	236	984	SLU_ENV	Max	0.	0.	0.	-32.54
236	236	986	SLU_ENV	Max	0.	0.	0.	-32.54
236	236	987	SLU_ENV	Max	0.	0.	0.	-32.54
236	236	985	SLU_ENV	Min	0.	0.	0.	-180.05
236	236	984	SLU_ENV	Min	0.	0.	0.	-180.05
236	236	986	SLU_ENV	Min	0.	0.	0.	-180.05
236	236	987	SLU_ENV	Min	0.	0.	0.	-180.05
236	236	985	SLV_Ex		472.6355	-14.1351	-13.267	115.66
236	236	984	SLV_Ex		448.9889	-11.3705	-12.758	115.66
236	236	986	SLV_Ex		553.3236	10.6734	-8.501	115.66
236	236	987	SLV_Ex		577.7413	6.5412	-9.068	115.66
237	237	987	SLU_ENV	Max	0.	0.	0.	-54.2
237	237	986	SLU_ENV	Max	0.	0.	0.	-54.2
237	237	988	SLU_ENV	Max	0.	0.	0.	-54.2
237	237	989	SLU_ENV	Max	0.	0.	0.	-54.2
237	237	987	SLU_ENV	Min	0.	0.	0.	-218.35
237	237	986	SLU_ENV	Min	0.	0.	0.	-218.35
237	237	988	SLU_ENV	Min	0.	0.	0.	-218.35
237	237	989	SLU_ENV	Min	0.	0.	0.	-218.35
237	237	987	SLV_Ex		573.9531	5.0858	-9.701	93.73
237	237	986	SLV_Ex		552.2332	10.7736	-7.892	93.73
237	237	988	SLV_Ex		640.6558	7.2856	-5.312	93.73
237	237	989	SLV_Ex		661.8427	1.7016	-6.945	93.73
238	238	989	SLU_ENV	Max	0.	0.	0.	-77.48
238	238	988	SLU_ENV	Max	0.	0.	0.	-77.48
238	238	990	SLU_ENV	Max	0.	0.	0.	-77.48
238	238	991	SLU_ENV	Max	0.	0.	0.	-77.48
238	238	989	SLU_ENV	Min	0.	0.	0.	-256.29



Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
238	238	988	SLU_ENV	Min	0.	0.	0.	-256.29
238	238	990	SLU_ENV	Min	0.	0.	0.	-256.29
238	238	991	SLU_ENV	Min	0.	0.	0.	-256.29
238	238	989	SLV_Ex		666.4985	6.2004	-5.532	75.08
238	238	988	SLV_Ex		630.9702	1.8501	-6.826	75.08
238	238	990	SLV_Ex		698.9068	38.7646	-3.345	75.08
238	238	991	SLV_Ex		737.1338	40.0035	-2.268	75.08
239	239	991	SLU_ENV	Max	0.	0.	0.	-101.45
239	239	990	SLU_ENV	Max	0.	0.	0.	-101.45
239	239	992	SLU_ENV	Max	0.	0.	0.	-101.45
239	239	993	SLU_ENV	Max	0.	0.	0.	-101.45
239	239	991	SLU_ENV	Min	0.	0.	0.	-299.02
239	239	990	SLU_ENV	Min	0.	0.	0.	-299.02
239	239	992	SLU_ENV	Min	0.	0.	0.	-299.02
239	239	993	SLU_ENV	Min	0.	0.	0.	-299.02
239	239	991	SLV_Ex		743.214	39.938	-4.109	55.61
239	239	990	SLV_Ex		714.1646	42.3392	-1.325	55.61
239	239	992	SLV_Ex		769.4584	7.5047	0.624	55.61
239	239	993	SLV_Ex		796.2269	7.3395	-1.922	55.61
240	240	993	SLU_ENV	Max	0.	0.	0.	-130.21
240	240	992	SLU_ENV	Max	0.	0.	0.	-130.21
240	240	994	SLU_ENV	Max	0.	0.	0.	-130.21
240	240	995	SLU_ENV	Max	0.	0.	0.	-130.21
240	240	993	SLU_ENV	Min	0.	0.	0.	-355.42
240	240	992	SLU_ENV	Min	0.	0.	0.	-355.42
240	240	994	SLU_ENV	Min	0.	0.	0.	-355.42
240	240	995	SLU_ENV	Min	0.	0.	0.	-355.42
240	240	993	SLV_Ex		844.6605	12.9333	1.328	44.4
240	240	992	SLV_Ex		757.2719	7.5458	-2.867	44.4
240	240	994	SLV_Ex		802.3967	91.4612	3.577	44.4
240	240	995	SLV_Ex		901.5307	84.9236	7.161	44.4
241	241	995	SLU_ENV	Max	0.	0.	0.	-162.79
241	241	994	SLU_ENV	Max	0.	0.	0.	-162.79
241	241	996	SLU_ENV	Max	0.	0.	0.	-162.79
241	241	997	SLU_ENV	Max	0.	0.	0.	-162.79
241	241	995	SLU_ENV	Min	0.	0.	0.	-421.89
241	241	994	SLU_ENV	Min	0.	0.	0.	-421.89
241	241	996	SLU_ENV	Min	0.	0.	0.	-421.89
241	241	997	SLU_ENV	Min	0.	0.	0.	-421.89
241	241	995	SLV_Ex		980.1784	113.3043	3.098	32.23
241	241	994	SLV_Ex		877.4367	94.0736	7.319	32.23
241	241	996	SLV_Ex		942.6238	-2.3898	12.577	32.23
241	241	997	SLV_Ex		1031.664	31.2786	8.645	32.23
242	242	997	SLU_ENV	Max	0.	0.	0.	-200.73
242	242	996	SLU_ENV	Max	0.	0.	0.	-200.73
242	242	599	SLU_ENV	Max	0.	0.	0.	-200.73
242	242	600	SLU_ENV	Max	0.	0.	0.	-200.73
242	242	997	SLU_ENV	Min	0.	0.	0.	-501.05
242	242	996	SLU_ENV	Min	0.	0.	0.	-501.05
242	242	599	SLU_ENV	Min	0.	0.	0.	-501.05
242	242	600	SLU_ENV	Min	0.	0.	0.	-501.05
242	242	997	SLV_Ex		895.9675	-22.3567	14.922	31.38
242	242	996	SLV_Ex		1037.5055	32.9757	7.006	31.38
242	242	599	SLV_Ex		1059.5068	190.3911	-3.499	31.38

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
242	242	600	SLV_Ex		868.4646	186.1669	4.55	31.38
243	243	766	SLU_ENV	Max	0.	0.	0.	518.49
243	243	765	SLU_ENV	Max	0.	0.	0.	518.49
243	243	774	SLU_ENV	Max	0.	0.	0.	518.49
243	243	968	SLU_ENV	Max	0.	0.	0.	518.49
243	243	766	SLU_ENV	Min	0.	0.	0.	206.41
243	243	765	SLU_ENV	Min	0.	0.	0.	206.41
243	243	774	SLU_ENV	Min	0.	0.	0.	206.41
243	243	968	SLU_ENV	Min	0.	0.	0.	206.41
243	243	766	SLV_Ex		-492.3167	-2287.7887	-87.865	498.27
243	243	765	SLV_Ex		-459.568	-2500.2702	88.084	498.27
243	243	774	SLV_Ex		-498.6966	-2043.9101	79.874	498.27
243	243	968	SLV_Ex		-557.0611	-1804.1436	83.87	498.27
244	244	968	SLU_ENV	Max	0.	0.	0.	411.43
244	244	774	SLU_ENV	Max	0.	0.	0.	411.43
244	244	776	SLU_ENV	Max	0.	0.	0.	411.43
244	244	970	SLU_ENV	Max	0.	0.	0.	411.43
244	244	968	SLU_ENV	Min	0.	0.	0.	157.27
244	244	774	SLU_ENV	Min	0.	0.	0.	157.27
244	244	776	SLU_ENV	Min	0.	0.	0.	157.27
244	244	970	SLU_ENV	Min	0.	0.	0.	157.27
244	244	968	SLV_Ex		-440.4427	-1686.3277	75.824	388.28
244	244	774	SLV_Ex		-429.7738	-1376.931	83.792	388.28
244	244	776	SLV_Ex		-88.3056	-992.9534	-83.004	388.28
244	244	970	SLV_Ex		-174.9117	-1227.6881	85.373	388.28
245	245	970	SLU_ENV	Max	0.	0.	0.	341.44
245	245	776	SLU_ENV	Max	0.	0.	0.	341.44
245	245	778	SLU_ENV	Max	0.	0.	0.	341.44
245	245	972	SLU_ENV	Max	0.	0.	0.	341.44
245	245	970	SLU_ENV	Min	0.	0.	0.	124.25
245	245	776	SLU_ENV	Min	0.	0.	0.	124.25
245	245	778	SLU_ENV	Min	0.	0.	0.	124.25
245	245	972	SLU_ENV	Min	0.	0.	0.	124.25
245	245	970	SLV_Ex		-160.8157	-1117.002	-88.253	320.49
245	245	776	SLV_Ex		-126.11	-1106.0881	89.676	320.49
245	245	778	SLV_Ex		-108.9809	-784.9547	89.804	320.49
245	245	972	SLV_Ex		-141.7178	-797.4205	-87.167	320.49
246	246	972	SLU_ENV	Max	0.	0.	0.	293.65
246	246	778	SLU_ENV	Max	0.	0.	0.	293.65
246	246	780	SLU_ENV	Max	0.	0.	0.	293.65
246	246	974	SLU_ENV	Max	0.	0.	0.	293.65
246	246	972	SLU_ENV	Min	0.	0.	0.	99.64
246	246	778	SLU_ENV	Min	0.	0.	0.	99.64
246	246	780	SLU_ENV	Min	0.	0.	0.	99.64
246	246	974	SLU_ENV	Min	0.	0.	0.	99.64
246	246	972	SLV_Ex		-133.7789	-808.2531	-89.77	282.73
246	246	778	SLV_Ex		-107.7254	-726.222	-87.395	282.73
246	246	780	SLV_Ex		4.932	-465.2288	-77.533	282.73
246	246	974	SLV_Ex		-34.0959	-535.1325	-81.442	282.73
247	247	974	SLU_ENV	Max	0.	0.	0.	248.68
247	247	780	SLU_ENV	Max	0.	0.	0.	248.68
247	247	782	SLU_ENV	Max	0.	0.	0.	248.68
247	247	976	SLU_ENV	Max	0.	0.	0.	248.68
247	247	974	SLU_ENV	Min	0.	0.	0.	75.06

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
247	247	780	SLU_ENV	Min	0.	0.	0.	75.06
247	247	782	SLU_ENV	Min	0.	0.	0.	75.06
247	247	976	SLU_ENV	Min	0.	0.	0.	75.06
247	247	974	SLV_Ex		-16.3098	-511.2698	-77.763	242.81
247	247	780	SLV_Ex		-15.1341	-497.9989	-81.58	242.81
247	247	782	SLV_Ex		-0.7672	-264.2024	-74.384	242.81
247	247	976	SLV_Ex		6.3062	-286.0135	-68.176	242.81
248	248	976	SLU_ENV	Max	0.	0.	0.	215.03
248	248	782	SLU_ENV	Max	0.	0.	0.	215.03
248	248	784	SLU_ENV	Max	0.	0.	0.	215.03
248	248	978	SLU_ENV	Max	0.	0.	0.	215.03
248	248	976	SLU_ENV	Min	0.	0.	0.	53.48
248	248	782	SLU_ENV	Min	0.	0.	0.	53.48
248	248	784	SLU_ENV	Min	0.	0.	0.	53.48
248	248	978	SLU_ENV	Min	0.	0.	0.	53.48
248	248	976	SLV_Ex		-1.7072	-286.7202	-71.124	214.6
248	248	782	SLV_Ex		6.6477	-259.2258	-70.908	214.6
248	248	784	SLV_Ex		103.9351	-105.2983	-49.508	214.6
248	248	978	SLV_Ex		91.6586	-129.6026	-50.769	214.6
249	249	978	SLU_ENV	Max	0.	0.	0.	201.77
249	249	784	SLU_ENV	Max	0.	0.	0.	201.77
249	249	786	SLU_ENV	Max	0.	0.	0.	201.77
249	249	980	SLU_ENV	Max	0.	0.	0.	201.77
249	249	978	SLU_ENV	Min	0.	0.	0.	31.39
249	249	784	SLU_ENV	Min	0.	0.	0.	31.39
249	249	786	SLU_ENV	Min	0.	0.	0.	31.39
249	249	980	SLU_ENV	Min	0.	0.	0.	31.39
249	249	978	SLV_Ex		104.9505	-132.8509	-49.661	185.28
249	249	784	SLV_Ex		83.0497	-112.0206	-52.461	185.28
249	249	786	SLV_Ex		188.8487	-25.9354	-26.831	185.28
249	249	980	SLV_Ex		212.4124	-48.9379	-28.499	185.28
250	250	980	SLU_ENV	Max	0.	0.	0.	16.28
250	250	786	SLU_ENV	Max	0.	0.	0.	16.28
250	250	788	SLU_ENV	Max	0.	0.	0.	16.28
250	250	982	SLU_ENV	Max	0.	0.	0.	16.28
250	250	980	SLU_ENV	Min	0.	0.	0.	-11.5
250	250	786	SLU_ENV	Min	0.	0.	0.	-11.5
250	250	788	SLU_ENV	Min	0.	0.	0.	-11.5
250	250	982	SLU_ENV	Min	0.	0.	0.	-11.5
250	250	980	SLV_Ex		200.1962	-45.9473	-28.866	160.53
250	250	786	SLV_Ex		194.6769	-31.8973	-27.189	160.53
250	250	788	SLV_Ex		336.5778	3.2295	-17.282	160.53
250	250	982	SLV_Ex		340.4475	-9.7795	-18.736	160.53
251	251	982	SLU_ENV	Max	0.	0.	0.	11.
251	251	788	SLU_ENV	Max	0.	0.	0.	11.
251	251	790	SLU_ENV	Max	0.	0.	0.	11.
251	251	984	SLU_ENV	Max	0.	0.	0.	11.
251	251	982	SLU_ENV	Min	0.	0.	0.	-16.82
251	251	788	SLU_ENV	Min	0.	0.	0.	-16.82
251	251	790	SLU_ENV	Min	0.	0.	0.	-16.82
251	251	984	SLU_ENV	Min	0.	0.	0.	-16.82
251	251	982	SLV_Ex		341.3283	-9.1147	-18.774	136.28
251	251	788	SLV_Ex		320.4077	-1.9114	-17.897	136.28
251	251	790	SLV_Ex		441.2436	24.4085	-11.167	136.28

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
251	251	984	SLV_Ex		461.9285	16.9123	-12.173	136.28
252	252	984	SLU_ENV	Max	0.	0.	0.	-31.82
252	252	790	SLU_ENV	Max	0.	0.	0.	-31.82
252	252	792	SLU_ENV	Max	0.	0.	0.	-31.82
252	252	986	SLU_ENV	Max	0.	0.	0.	-31.82
252	252	984	SLU_ENV	Min	0.	0.	0.	-202.51
252	252	790	SLU_ENV	Min	0.	0.	0.	-202.51
252	252	792	SLU_ENV	Min	0.	0.	0.	-202.51
252	252	986	SLU_ENV	Min	0.	0.	0.	-202.51
252	252	984	SLV_Ex		451.8218	16.6039	-12.493	113.41
252	252	790	SLV_Ex		442.0405	22.4213	-11.051	113.41
252	252	792	SLV_Ex		550.2278	33.2685	-8.274	113.41
252	252	986	SLV_Ex		559.9866	27.0543	-9.482	113.41
253	253	986	SLU_ENV	Max	0.	0.	0.	-54.
253	253	792	SLU_ENV	Max	0.	0.	0.	-54.
253	253	794	SLU_ENV	Max	0.	0.	0.	-54.
253	253	988	SLU_ENV	Max	0.	0.	0.	-54.
253	253	986	SLU_ENV	Min	0.	0.	0.	-215.94
253	253	792	SLU_ENV	Min	0.	0.	0.	-215.94
253	253	794	SLU_ENV	Min	0.	0.	0.	-215.94
253	253	988	SLU_ENV	Min	0.	0.	0.	-215.94
253	253	986	SLV_Ex		560.8854	30.1319	-8.708	93.16
253	253	792	SLV_Ex		533.2796	26.6976	-9.304	93.16
253	253	794	SLV_Ex		617.812	56.1	-5.533	93.16
253	253	988	SLV_Ex		647.3308	57.1433	-5.125	93.16
254	254	988	SLU_ENV	Max	0.	0.	0.	-75.79
254	254	794	SLU_ENV	Max	0.	0.	0.	-75.79
254	254	796	SLU_ENV	Max	0.	0.	0.	-75.79
254	254	990	SLU_ENV	Max	0.	0.	0.	-75.79
254	254	988	SLU_ENV	Min	0.	0.	0.	-249.93
254	254	794	SLU_ENV	Min	0.	0.	0.	-249.93
254	254	796	SLU_ENV	Min	0.	0.	0.	-249.93
254	254	990	SLU_ENV	Min	0.	0.	0.	-249.93
254	254	988	SLV_Ex		636.4557	56.114	-5.951	71.9
254	254	794	SLV_Ex		626.4269	56.5541	-4.683	71.9
254	254	796	SLV_Ex		696.8274	54.557	-3.533	71.9
254	254	990	SLV_Ex		706.674	54.1744	-4.672	71.9
255	255	990	SLU_ENV	Max	0.	0.	0.	-100.65
255	255	796	SLU_ENV	Max	0.	0.	0.	-100.65
255	255	798	SLU_ENV	Max	0.	0.	0.	-100.65
255	255	992	SLU_ENV	Max	0.	0.	0.	-100.65
255	255	990	SLU_ENV	Min	0.	0.	0.	-295.41
255	255	796	SLU_ENV	Min	0.	0.	0.	-295.41
255	255	798	SLU_ENV	Min	0.	0.	0.	-295.41
255	255	992	SLU_ENV	Min	0.	0.	0.	-295.41
255	255	990	SLV_Ex		726.1573	59.8246	-2.745	57.45
255	255	796	SLV_Ex		668.332	46.1881	-5.637	57.45
255	255	798	SLV_Ex		719.1195	103.1913	-0.37	57.45
255	255	992	SLV_Ex		783.769	109.5121	2.122	57.45
256	256	992	SLU_ENV	Max	0.	0.	0.	-125.84
256	256	798	SLU_ENV	Max	0.	0.	0.	-125.84
256	256	800	SLU_ENV	Max	0.	0.	0.	-125.84
256	256	994	SLU_ENV	Max	0.	0.	0.	-125.84
256	256	992	SLU_ENV	Min	0.	0.	0.	-344.21

Table: Element Forces - Area Shells, Part 4 of 5

Area	AreaElem	Joint	OutputCase	StepType	MMax	MMin	MAngle	V13
					KN-m/m	KN-m/m	Degrees	KN/m
256	256	798	SLU_ENV	Min	0.	0.	0.	-344.21
256	256	800	SLU_ENV	Min	0.	0.	0.	-344.21
256	256	994	SLU_ENV	Min	0.	0.	0.	-344.21
256	256	992	SLV_Ex		769.7857	114.1234	0.308	38.72
256	256	798	SLV_Ex		768.7044	106.2322	1.555	38.72
256	256	800	SLV_Ex		807.8809	94.0706	1.402	38.72
256	256	994	SLV_Ex		808.0278	103.2805	0.244	38.72
257	257	994	SLU_ENV	Max	0.	0.	0.	-159.89
257	257	800	SLU_ENV	Max	0.	0.	0.	-159.89
257	257	802	SLU_ENV	Max	0.	0.	0.	-159.89
257	257	996	SLU_ENV	Max	0.	0.	0.	-159.89
257	257	994	SLU_ENV	Min	0.	0.	0.	-416.
257	257	800	SLU_ENV	Min	0.	0.	0.	-416.
257	257	802	SLU_ENV	Min	0.	0.	0.	-416.
257	257	996	SLU_ENV	Min	0.	0.	0.	-416.
257	257	994	SLV_Ex		897.0409	106.0593	5.648	34.97
257	257	800	SLV_Ex		732.9906	79.2603	-5.097	34.97
257	257	802	SLV_Ex		776.7295	258.4294	9.934	34.97
257	257	996	SLV_Ex		997.355	227.6753	17.741	34.97
258	258	996	SLU_ENV	Max	0.	0.	0.	-212.38
258	258	802	SLU_ENV	Max	0.	0.	0.	-212.38
258	258	598	SLU_ENV	Max	0.	0.	0.	-212.38
258	258	599	SLU_ENV	Max	0.	0.	0.	-212.38
258	258	996	SLU_ENV	Min	0.	0.	0.	-528.92
258	258	802	SLU_ENV	Min	0.	0.	0.	-528.92
258	258	598	SLU_ENV	Min	0.	0.	0.	-528.92
258	258	599	SLU_ENV	Min	0.	0.	0.	-528.92
258	258	996	SLV_Ex		1074.8435	328.2664	8.759	34.36
258	258	802	SLV_Ex		1267.0361	302.4184	12.293	34.36
258	258	598	SLV_Ex		1261.9035	230.3076	2.483	34.36
258	258	599	SLV_Ex		1091.8753	235.4469	-2.926	34.36

Table: Element Forces - Area Shells, Part 5 of 5

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
1	1	579	SLU_ENV	Max	-57.12	0.	0.
1	1	561	SLU_ENV	Max	-57.12	0.	0.
1	1	596	SLU_ENV	Max	-57.12	0.	0.
1	1	597	SLU_ENV	Max	-57.12	0.	0.
1	1	579	SLU_ENV	Min	-151.33	0.	0.
1	1	561	SLU_ENV	Min	-151.33	0.	0.
1	1	596	SLU_ENV	Min	-151.33	0.	0.
1	1	597	SLU_ENV	Min	-151.33	0.	0.
1	1	579	SLV_Ex		101.35	102.11	83.009
1	1	561	SLV_Ex		101.35	102.11	83.009
1	1	596	SLV_Ex		101.35	102.11	83.009
1	1	597	SLV_Ex		101.35	102.11	83.009
2	2	561	SLU_ENV	Max	-57.05	0.	0.
2	2	543	SLU_ENV	Max	-57.05	0.	0.
2	2	595	SLU_ENV	Max	-57.05	0.	0.
2	2	596	SLU_ENV	Max	-57.05	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
2	2	561	SLU_ENV	Min	-151.32	0.	0.
2	2	543	SLU_ENV	Min	-151.32	0.	0.
2	2	595	SLU_ENV	Min	-151.32	0.	0.
2	2	596	SLU_ENV	Min	-151.32	0.	0.
2	2	561	SLV_Ex		88.55	88.75	86.221
2	2	543	SLV_Ex		88.55	88.75	86.221
2	2	595	SLV_Ex		88.55	88.75	86.221
2	2	596	SLV_Ex		88.55	88.75	86.221
3	3	597	SLU_ENV	Max	-57.22	0.	0.
3	3	596	SLU_ENV	Max	-57.22	0.	0.
3	3	599	SLU_ENV	Max	-57.22	0.	0.
3	3	600	SLU_ENV	Max	-57.22	0.	0.
3	3	597	SLU_ENV	Min	-151.72	0.	0.
3	3	596	SLU_ENV	Min	-151.72	0.	0.
3	3	599	SLU_ENV	Min	-151.72	0.	0.
3	3	600	SLU_ENV	Min	-151.72	0.	0.
3	3	597	SLV_Ex		41.82	41.84	91.762
3	3	596	SLV_Ex		41.82	41.84	91.762
3	3	599	SLV_Ex		41.82	41.84	91.762
3	3	600	SLV_Ex		41.82	41.84	91.762
4	4	596	SLU_ENV	Max	-57.06	0.	0.
4	4	595	SLU_ENV	Max	-57.06	0.	0.
4	4	598	SLU_ENV	Max	-57.06	0.	0.
4	4	599	SLU_ENV	Max	-57.06	0.	0.
4	4	596	SLU_ENV	Min	-151.24	0.	0.
4	4	595	SLU_ENV	Min	-151.24	0.	0.
4	4	598	SLU_ENV	Min	-151.24	0.	0.
4	4	599	SLU_ENV	Min	-151.24	0.	0.
4	4	596	SLV_Ex		39.63	39.75	85.533
4	4	595	SLV_Ex		39.63	39.75	85.533
4	4	598	SLV_Ex		39.63	39.75	85.533
4	4	599	SLV_Ex		39.63	39.75	85.533
5	5	633	SLU_ENV	Max	-57.12	0.	0.
5	5	617	SLU_ENV	Max	-57.12	0.	0.
5	5	650	SLU_ENV	Max	-57.12	0.	0.
5	5	651	SLU_ENV	Max	-57.12	0.	0.
5	5	633	SLU_ENV	Min	-151.33	0.	0.
5	5	617	SLU_ENV	Min	-151.33	0.	0.
5	5	650	SLU_ENV	Min	-151.33	0.	0.
5	5	651	SLU_ENV	Min	-151.33	0.	0.
5	5	633	SLV_Ex		101.35	102.11	83.009
5	5	617	SLV_Ex		101.35	102.11	83.009
5	5	650	SLV_Ex		101.35	102.11	83.009
5	5	651	SLV_Ex		101.35	102.11	83.009
7	7	651	SLU_ENV	Max	-57.22	0.	0.
7	7	650	SLU_ENV	Max	-57.22	0.	0.
7	7	653	SLU_ENV	Max	-57.22	0.	0.
7	7	654	SLU_ENV	Max	-57.22	0.	0.
7	7	651	SLU_ENV	Min	-151.72	0.	0.
7	7	650	SLU_ENV	Min	-151.72	0.	0.
7	7	653	SLU_ENV	Min	-151.72	0.	0.
7	7	654	SLU_ENV	Min	-151.72	0.	0.
7	7	651	SLV_Ex		41.82	41.84	91.762
7	7	650	SLV_Ex		41.82	41.84	91.762

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
7	7	653	SLV_Ex		41.82	41.84	91.762
7	7	654	SLV_Ex		41.82	41.84	91.762
8	8	657	SLU_ENV	Max	-56.65	0.	0.
8	8	649	SLU_ENV	Max	-56.65	0.	0.
8	8	652	SLU_ENV	Max	-56.65	0.	0.
8	8	653	SLU_ENV	Max	-56.65	0.	0.
8	8	657	SLU_ENV	Min	-150.1	0.	0.
8	8	649	SLU_ENV	Min	-150.1	0.	0.
8	8	652	SLU_ENV	Min	-150.1	0.	0.
8	8	653	SLU_ENV	Min	-150.1	0.	0.
8	8	657	SLV_Ex		39.24	39.41	84.592
8	8	649	SLV_Ex		39.24	39.41	84.592
8	8	652	SLV_Ex		39.24	39.41	84.592
8	8	653	SLV_Ex		39.24	39.41	84.592
9	9	692	SLU_ENV	Max	148.31	0.	0.
9	9	676	SLU_ENV	Max	148.31	0.	0.
9	9	709	SLU_ENV	Max	148.31	0.	0.
9	9	710	SLU_ENV	Max	148.31	0.	0.
9	9	692	SLU_ENV	Min	55.45	0.	0.
9	9	676	SLU_ENV	Min	55.45	0.	0.
9	9	709	SLU_ENV	Min	55.45	0.	0.
9	9	710	SLU_ENV	Min	55.45	0.	0.
9	9	692	SLV_Ex		325.51	328.2	82.653
9	9	676	SLV_Ex		325.51	328.2	82.653
9	9	709	SLV_Ex		325.51	328.2	82.653
9	9	710	SLV_Ex		325.51	328.2	82.653
10	10	676	SLU_ENV	Max	149.35	0.	0.
10	10	660	SLU_ENV	Max	149.35	0.	0.
10	10	708	SLU_ENV	Max	149.35	0.	0.
10	10	709	SLU_ENV	Max	149.35	0.	0.
10	10	676	SLU_ENV	Min	55.97	0.	0.
10	10	660	SLU_ENV	Min	55.97	0.	0.
10	10	708	SLU_ENV	Min	55.97	0.	0.
10	10	709	SLU_ENV	Min	55.97	0.	0.
10	10	676	SLV_Ex		333.17	337.55	99.242
10	10	660	SLV_Ex		333.17	337.55	99.242
10	10	708	SLV_Ex		333.17	337.55	99.242
10	10	709	SLV_Ex		333.17	337.55	99.242
11	11	710	SLU_ENV	Max	149.3	0.	0.
11	11	709	SLU_ENV	Max	149.3	0.	0.
11	11	712	SLU_ENV	Max	149.3	0.	0.
11	11	713	SLU_ENV	Max	149.3	0.	0.
11	11	710	SLU_ENV	Min	55.9	0.	0.
11	11	709	SLU_ENV	Min	55.9	0.	0.
11	11	712	SLU_ENV	Min	55.9	0.	0.
11	11	713	SLU_ENV	Min	55.9	0.	0.
11	11	710	SLV_Ex		329.58	329.58	89.779
11	11	709	SLV_Ex		329.58	329.58	89.779
11	11	712	SLV_Ex		329.58	329.58	89.779
11	11	713	SLV_Ex		329.58	329.58	89.779
12	12	709	SLU_ENV	Max	148.73	0.	0.
12	12	708	SLU_ENV	Max	148.73	0.	0.
12	12	711	SLU_ENV	Max	148.73	0.	0.
12	12	712	SLU_ENV	Max	148.73	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
12	12	709	SLU_ENV	Min	55.67	0.	0.
12	12	708	SLU_ENV	Min	55.67	0.	0.
12	12	711	SLU_ENV	Min	55.67	0.	0.
12	12	712	SLU_ENV	Min	55.67	0.	0.
12	12	709	SLV_Ex		329.43	329.44	90.491
12	12	708	SLV_Ex		329.43	329.44	90.491
12	12	711	SLV_Ex		329.43	329.44	90.491
12	12	712	SLV_Ex		329.43	329.44	90.491
13	13	746	SLU_ENV	Max	148.31	0.	0.
13	13	730	SLU_ENV	Max	148.31	0.	0.
13	13	763	SLU_ENV	Max	148.31	0.	0.
13	13	764	SLU_ENV	Max	148.31	0.	0.
13	13	746	SLU_ENV	Min	55.45	0.	0.
13	13	730	SLU_ENV	Min	55.45	0.	0.
13	13	763	SLU_ENV	Min	55.45	0.	0.
13	13	764	SLU_ENV	Min	55.45	0.	0.
13	13	746	SLV_Ex		325.51	328.2	82.653
13	13	730	SLV_Ex		325.51	328.2	82.653
13	13	763	SLV_Ex		325.51	328.2	82.653
13	13	764	SLV_Ex		325.51	328.2	82.653
15	15	764	SLU_ENV	Max	149.3	0.	0.
15	15	763	SLU_ENV	Max	149.3	0.	0.
15	15	766	SLU_ENV	Max	149.3	0.	0.
15	15	767	SLU_ENV	Max	149.3	0.	0.
15	15	764	SLU_ENV	Min	55.9	0.	0.
15	15	763	SLU_ENV	Min	55.9	0.	0.
15	15	766	SLU_ENV	Min	55.9	0.	0.
15	15	767	SLU_ENV	Min	55.9	0.	0.
15	15	764	SLV_Ex		329.58	329.58	89.779
15	15	763	SLV_Ex		329.58	329.58	89.779
15	15	766	SLV_Ex		329.58	329.58	89.779
15	15	767	SLV_Ex		329.58	329.58	89.779
16	16	770	SLU_ENV	Max	147.48	0.	0.
16	16	762	SLU_ENV	Max	147.48	0.	0.
16	16	765	SLU_ENV	Max	147.48	0.	0.
16	16	766	SLU_ENV	Max	147.48	0.	0.
16	16	770	SLU_ENV	Min	55.18	0.	0.
16	16	762	SLU_ENV	Min	55.18	0.	0.
16	16	765	SLU_ENV	Min	55.18	0.	0.
16	16	766	SLU_ENV	Min	55.18	0.	0.
16	16	770	SLV_Ex		327.67	327.68	90.318
16	16	762	SLV_Ex		327.67	327.68	90.318
16	16	765	SLV_Ex		327.67	327.68	90.318
16	16	766	SLV_Ex		327.67	327.68	90.318
18	18	617	SLU_ENV	Max	-46.03	0.	0.
18	18	771	SLU_ENV	Max	-46.03	0.	0.
18	18	657	SLU_ENV	Max	-46.03	0.	0.
18	18	650	SLU_ENV	Max	-46.03	0.	0.
18	18	617	SLU_ENV	Min	-122.43	0.	0.
18	18	771	SLU_ENV	Min	-122.43	0.	0.
18	18	657	SLU_ENV	Min	-122.43	0.	0.
18	18	650	SLU_ENV	Min	-122.43	0.	0.
18	18	617	SLV_Ex		76.51	81.42	69.994
18	18	771	SLV_Ex		76.51	81.42	69.994



Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
18	18	657	SLV_Ex		76.51	81.42	69.994
18	18	650	SLV_Ex		76.51	81.42	69.994
19	19	771	SLU_ENV	Max	-56.49	0.	0.
19	19	601	SLU_ENV	Max	-56.49	0.	0.
19	19	649	SLU_ENV	Max	-56.49	0.	0.
19	19	657	SLU_ENV	Max	-56.49	0.	0.
19	19	771	SLU_ENV	Min	-149.83	0.	0.
19	19	601	SLU_ENV	Min	-149.83	0.	0.
19	19	649	SLU_ENV	Min	-149.83	0.	0.
19	19	657	SLU_ENV	Min	-149.83	0.	0.
19	19	771	SLV_Ex		86.9	87.1	86.084
19	19	601	SLV_Ex		86.9	87.1	86.084
19	19	649	SLV_Ex		86.9	87.1	86.084
19	19	657	SLV_Ex		86.9	87.1	86.084
20	20	730	SLU_ENV	Max	121.04	0.	0.
20	20	772	SLU_ENV	Max	121.04	0.	0.
20	20	770	SLU_ENV	Max	121.04	0.	0.
20	20	763	SLU_ENV	Max	121.04	0.	0.
20	20	730	SLU_ENV	Min	45.43	0.	0.
20	20	772	SLU_ENV	Min	45.43	0.	0.
20	20	770	SLU_ENV	Min	45.43	0.	0.
20	20	763	SLU_ENV	Min	45.43	0.	0.
20	20	730	SLV_Ex		272.49	287.23	71.563
20	20	772	SLV_Ex		272.49	287.23	71.563
20	20	770	SLV_Ex		272.49	287.23	71.563
20	20	763	SLV_Ex		272.49	287.23	71.563
21	21	772	SLU_ENV	Max	147.88	0.	0.
21	21	714	SLU_ENV	Max	147.88	0.	0.
21	21	762	SLU_ENV	Max	147.88	0.	0.
21	21	770	SLU_ENV	Max	147.88	0.	0.
21	21	772	SLU_ENV	Min	55.42	0.	0.
21	21	714	SLU_ENV	Min	55.42	0.	0.
21	21	762	SLU_ENV	Min	55.42	0.	0.
21	21	770	SLU_ENV	Min	55.42	0.	0.
21	21	772	SLV_Ex		329.9	334.64	99.649
21	21	714	SLV_Ex		329.9	334.64	99.649
21	21	762	SLV_Ex		329.9	334.64	99.649
21	21	770	SLV_Ex		329.9	334.64	99.649
34	34	765	SLU_ENV	Max	-102.63	0.	0.
34	34	325	SLU_ENV	Max	-102.63	0.	0.
34	34	773	SLU_ENV	Max	-102.63	0.	0.
34	34	774	SLU_ENV	Max	-102.63	0.	0.
34	34	765	SLU_ENV	Min	-242.19	0.	0.
34	34	325	SLU_ENV	Min	-242.19	0.	0.
34	34	773	SLU_ENV	Min	-242.19	0.	0.
34	34	774	SLU_ENV	Min	-242.19	0.	0.
34	34	765	SLV_Ex		-322.81	504.13	-39.816
34	34	325	SLV_Ex		-322.81	504.13	-39.816
34	34	773	SLV_Ex		-322.81	504.13	-39.816
34	34	774	SLV_Ex		-322.81	504.13	-39.816
35	35	774	SLU_ENV	Max	-28.22	0.	0.
35	35	773	SLU_ENV	Max	-28.22	0.	0.
35	35	775	SLU_ENV	Max	-28.22	0.	0.
35	35	776	SLU_ENV	Max	-28.22	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
35	35	774	SLU_ENV	Min	-71.71	0.	0.
35	35	773	SLU_ENV	Min	-71.71	0.	0.
35	35	775	SLU_ENV	Min	-71.71	0.	0.
35	35	776	SLU_ENV	Min	-71.71	0.	0.
35	35	774	SLV_Ex		-86.02	346.48	-14.375
35	35	773	SLV_Ex		-86.02	346.48	-14.375
35	35	775	SLV_Ex		-86.02	346.48	-14.375
35	35	776	SLV_Ex		-86.02	346.48	-14.375
36	36	776	SLU_ENV	Max	-19.23	0.	0.
36	36	775	SLU_ENV	Max	-19.23	0.	0.
36	36	777	SLU_ENV	Max	-19.23	0.	0.
36	36	778	SLU_ENV	Max	-19.23	0.	0.
36	36	776	SLU_ENV	Min	-47.42	0.	0.
36	36	775	SLU_ENV	Min	-47.42	0.	0.
36	36	777	SLU_ENV	Min	-47.42	0.	0.
36	36	778	SLU_ENV	Min	-47.42	0.	0.
36	36	776	SLV_Ex		-69.09	310.65	-12.85
36	36	775	SLV_Ex		-69.09	310.65	-12.85
36	36	777	SLV_Ex		-69.09	310.65	-12.85
36	36	778	SLV_Ex		-69.09	310.65	-12.85
37	37	778	SLU_ENV	Max	-9.53	0.	0.
37	37	777	SLU_ENV	Max	-9.53	0.	0.
37	37	779	SLU_ENV	Max	-9.53	0.	0.
37	37	780	SLU_ENV	Max	-9.53	0.	0.
37	37	778	SLU_ENV	Min	-19.25	0.	0.
37	37	777	SLU_ENV	Min	-19.25	0.	0.
37	37	779	SLU_ENV	Min	-19.25	0.	0.
37	37	780	SLU_ENV	Min	-19.25	0.	0.
37	37	778	SLV_Ex		-34.33	268.95	-7.333
37	37	777	SLV_Ex		-34.33	268.95	-7.333
37	37	779	SLV_Ex		-34.33	268.95	-7.333
37	37	780	SLV_Ex		-34.33	268.95	-7.333
38	38	780	SLU_ENV	Max	-0.61	0.	0.
38	38	779	SLU_ENV	Max	-0.61	0.	0.
38	38	781	SLU_ENV	Max	-0.61	0.	0.
38	38	782	SLU_ENV	Max	-0.61	0.	0.
38	38	780	SLU_ENV	Min	-12.17	0.	0.
38	38	779	SLU_ENV	Min	-12.17	0.	0.
38	38	781	SLU_ENV	Min	-12.17	0.	0.
38	38	782	SLU_ENV	Min	-12.17	0.	0.
38	38	780	SLV_Ex		-26.46	239.2	-6.351
38	38	779	SLV_Ex		-26.46	239.2	-6.351
38	38	781	SLV_Ex		-26.46	239.2	-6.351
38	38	782	SLV_Ex		-26.46	239.2	-6.351
39	39	782	SLU_ENV	Max	14.91	0.	0.
39	39	781	SLU_ENV	Max	14.91	0.	0.
39	39	783	SLU_ENV	Max	14.91	0.	0.
39	39	784	SLU_ENV	Max	14.91	0.	0.
39	39	782	SLU_ENV	Min	-8.21	0.	0.
39	39	781	SLU_ENV	Min	-8.21	0.	0.
39	39	783	SLU_ENV	Min	-8.21	0.	0.
39	39	784	SLU_ENV	Min	-8.21	0.	0.
39	39	782	SLV_Ex		-14.5	208.41	-3.991
39	39	781	SLV_Ex		-14.5	208.41	-3.991

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
39	39	783	SLV_Ex		-14.5	208.41	-3.991
39	39	784	SLV_Ex		-14.5	208.41	-3.991
40	40	784	SLU_ENV	Max	61.39	0.	0.
40	40	783	SLU_ENV	Max	61.39	0.	0.
40	40	785	SLU_ENV	Max	61.39	0.	0.
40	40	786	SLU_ENV	Max	61.39	0.	0.
40	40	784	SLU_ENV	Min	-7.27	0.	0.
40	40	783	SLU_ENV	Min	-7.27	0.	0.
40	40	785	SLU_ENV	Min	-7.27	0.	0.
40	40	786	SLU_ENV	Min	-7.27	0.	0.
40	40	784	SLV_Ex		-11.23	182.68	-3.525
40	40	783	SLV_Ex		-11.23	182.68	-3.525
40	40	785	SLV_Ex		-11.23	182.68	-3.525
40	40	786	SLV_Ex		-11.23	182.68	-3.525
41	41	786	SLU_ENV	Max	69.54	0.	0.
41	41	785	SLU_ENV	Max	69.54	0.	0.
41	41	787	SLU_ENV	Max	69.54	0.	0.
41	41	788	SLU_ENV	Max	69.54	0.	0.
41	41	786	SLU_ENV	Min	-6.41	0.	0.
41	41	785	SLU_ENV	Min	-6.41	0.	0.
41	41	787	SLU_ENV	Min	-6.41	0.	0.
41	41	788	SLU_ENV	Min	-6.41	0.	0.
41	41	786	SLV_Ex		-5.52	156.97	-2.016
41	41	785	SLV_Ex		-5.52	156.97	-2.016
41	41	787	SLV_Ex		-5.52	156.97	-2.016
41	41	788	SLV_Ex		-5.52	156.97	-2.016
42	42	788	SLU_ENV	Max	69.47	0.	0.
42	42	787	SLU_ENV	Max	69.47	0.	0.
42	42	789	SLU_ENV	Max	69.47	0.	0.
42	42	790	SLU_ENV	Max	69.47	0.	0.
42	42	788	SLU_ENV	Min	-6.49	0.	0.
42	42	787	SLU_ENV	Min	-6.49	0.	0.
42	42	789	SLU_ENV	Min	-6.49	0.	0.
42	42	790	SLU_ENV	Min	-6.49	0.	0.
42	42	788	SLV_Ex		-3.69	133.46	-1.583
42	42	787	SLV_Ex		-3.69	133.46	-1.583
42	42	789	SLV_Ex		-3.69	133.46	-1.583
42	42	790	SLV_Ex		-3.69	133.46	-1.583
43	43	790	SLU_ENV	Max	61.17	0.	0.
43	43	789	SLU_ENV	Max	61.17	0.	0.
43	43	791	SLU_ENV	Max	61.17	0.	0.
43	43	792	SLU_ENV	Max	61.17	0.	0.
43	43	790	SLU_ENV	Min	-7.5	0.	0.
43	43	789	SLU_ENV	Min	-7.5	0.	0.
43	43	791	SLU_ENV	Min	-7.5	0.	0.
43	43	792	SLU_ENV	Min	-7.5	0.	0.
43	43	790	SLV_Ex		0.82	111.09	0.425
43	43	789	SLV_Ex		0.82	111.09	0.425
43	43	791	SLV_Ex		0.82	111.09	0.425
43	43	792	SLV_Ex		0.82	111.09	0.425
44	44	792	SLU_ENV	Max	14.46	0.	0.
44	44	791	SLU_ENV	Max	14.46	0.	0.
44	44	793	SLU_ENV	Max	14.46	0.	0.
44	44	794	SLU_ENV	Max	14.46	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
44	44	792	SLU_ENV	Min	-8.68	0.	0.
44	44	791	SLU_ENV	Min	-8.68	0.	0.
44	44	793	SLU_ENV	Min	-8.68	0.	0.
44	44	794	SLU_ENV	Min	-8.68	0.	0.
44	44	792	SLV_Ex		2.22	89.3	1.424
44	44	791	SLV_Ex		2.22	89.3	1.424
44	44	793	SLV_Ex		2.22	89.3	1.424
44	44	794	SLV_Ex		2.22	89.3	1.424
45	45	794	SLU_ENV	Max	-1.35	0.	0.
45	45	793	SLU_ENV	Max	-1.35	0.	0.
45	45	795	SLU_ENV	Max	-1.35	0.	0.
45	45	796	SLU_ENV	Max	-1.35	0.	0.
45	45	794	SLU_ENV	Min	-12.94	0.	0.
45	45	793	SLU_ENV	Min	-12.94	0.	0.
45	45	795	SLU_ENV	Min	-12.94	0.	0.
45	45	796	SLU_ENV	Min	-12.94	0.	0.
45	45	794	SLV_Ex		8.88	70.64	7.219
45	45	793	SLV_Ex		8.88	70.64	7.219
45	45	795	SLV_Ex		8.88	70.64	7.219
45	45	796	SLV_Ex		8.88	70.64	7.219
46	46	796	SLU_ENV	Max	-10.51	0.	0.
46	46	795	SLU_ENV	Max	-10.51	0.	0.
46	46	797	SLU_ENV	Max	-10.51	0.	0.
46	46	798	SLU_ENV	Max	-10.51	0.	0.
46	46	796	SLU_ENV	Min	-20.95	0.	0.
46	46	795	SLU_ENV	Min	-20.95	0.	0.
46	46	797	SLU_ENV	Min	-20.95	0.	0.
46	46	798	SLU_ENV	Min	-20.95	0.	0.
46	46	796	SLV_Ex		9.97	51.11	11.255
46	46	795	SLV_Ex		9.97	51.11	11.255
46	46	797	SLV_Ex		9.97	51.11	11.255
46	46	798	SLV_Ex		9.97	51.11	11.255
47	47	798	SLU_ENV	Max	-20.88	0.	0.
47	47	797	SLU_ENV	Max	-20.88	0.	0.
47	47	799	SLU_ENV	Max	-20.88	0.	0.
47	47	800	SLU_ENV	Max	-20.88	0.	0.
47	47	798	SLU_ENV	Min	-50.3	0.	0.
47	47	797	SLU_ENV	Min	-50.3	0.	0.
47	47	799	SLU_ENV	Min	-50.3	0.	0.
47	47	800	SLU_ENV	Min	-50.3	0.	0.
47	47	798	SLV_Ex		26.04	43.17	37.087
47	47	797	SLV_Ex		26.04	43.17	37.087
47	47	799	SLV_Ex		26.04	43.17	37.087
47	47	800	SLV_Ex		26.04	43.17	37.087
48	48	800	SLU_ENV	Max	-31.49	0.	0.
48	48	799	SLU_ENV	Max	-31.49	0.	0.
48	48	801	SLU_ENV	Max	-31.49	0.	0.
48	48	802	SLU_ENV	Max	-31.49	0.	0.
48	48	800	SLU_ENV	Min	-77.43	0.	0.
48	48	799	SLU_ENV	Min	-77.43	0.	0.
48	48	801	SLU_ENV	Min	-77.43	0.	0.
48	48	802	SLU_ENV	Min	-77.43	0.	0.
48	48	800	SLV_Ex		19.49	25.01	51.191
48	48	799	SLV_Ex		19.49	25.01	51.191

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
48	48	801	SLV_Ex		19.49	25.01	51.191
48	48	802	SLV_Ex		19.49	25.01	51.191
49	49	802	SLU_ENV	Max	-112.78	0.	0.
49	49	801	SLU_ENV	Max	-112.78	0.	0.
49	49	14	SLU_ENV	Max	-112.78	0.	0.
49	49	598	SLU_ENV	Max	-112.78	0.	0.
49	49	802	SLU_ENV	Min	-259.93	0.	0.
49	49	801	SLU_ENV	Min	-259.93	0.	0.
49	49	14	SLU_ENV	Min	-259.93	0.	0.
49	49	598	SLU_ENV	Min	-259.93	0.	0.
49	49	802	SLV_Ex		100.03	100.04	89.56
49	49	801	SLV_Ex		100.03	100.04	89.56
49	49	14	SLV_Ex		100.03	100.04	89.56
49	49	598	SLV_Ex		100.03	100.04	89.56
50	50	325	SLU_ENV	Max	-46.9	0.	0.
50	50	343	SLU_ENV	Max	-46.9	0.	0.
50	50	803	SLU_ENV	Max	-46.9	0.	0.
50	50	773	SLU_ENV	Max	-46.9	0.	0.
50	50	325	SLU_ENV	Min	-130.53	0.	0.
50	50	343	SLU_ENV	Min	-130.53	0.	0.
50	50	803	SLU_ENV	Min	-130.53	0.	0.
50	50	773	SLU_ENV	Min	-130.53	0.	0.
50	50	325	SLV_Ex		-162.22	315.02	-30.994
50	50	343	SLV_Ex		-162.22	315.02	-30.994
50	50	803	SLV_Ex		-162.22	315.02	-30.994
50	50	773	SLV_Ex		-162.22	315.02	-30.994
51	51	773	SLU_ENV	Max	-31.3	0.	0.
51	51	803	SLU_ENV	Max	-31.3	0.	0.
51	51	804	SLU_ENV	Max	-31.3	0.	0.
51	51	775	SLU_ENV	Max	-31.3	0.	0.
51	51	773	SLU_ENV	Min	-80.97	0.	0.
51	51	803	SLU_ENV	Min	-80.97	0.	0.
51	51	804	SLU_ENV	Min	-80.97	0.	0.
51	51	775	SLU_ENV	Min	-80.97	0.	0.
51	51	773	SLV_Ex		-109.65	302.88	-21.223
51	51	803	SLV_Ex		-109.65	302.88	-21.223
51	51	804	SLV_Ex		-109.65	302.88	-21.223
51	51	775	SLV_Ex		-109.65	302.88	-21.223
52	52	775	SLU_ENV	Max	-16.43	0.	0.
52	52	804	SLU_ENV	Max	-16.43	0.	0.
52	52	805	SLU_ENV	Max	-16.43	0.	0.
52	52	777	SLU_ENV	Max	-16.43	0.	0.
52	52	775	SLU_ENV	Min	-36.92	0.	0.
52	52	804	SLU_ENV	Min	-36.92	0.	0.
52	52	805	SLU_ENV	Min	-36.92	0.	0.
52	52	777	SLU_ENV	Min	-36.92	0.	0.
52	52	775	SLV_Ex		-58.59	277.47	-12.19
52	52	804	SLV_Ex		-58.59	277.47	-12.19
52	52	805	SLV_Ex		-58.59	277.47	-12.19
52	52	777	SLV_Ex		-58.59	277.47	-12.19
53	53	777	SLU_ENV	Max	-11.07	0.	0.
53	53	805	SLU_ENV	Max	-11.07	0.	0.
53	53	806	SLU_ENV	Max	-11.07	0.	0.
53	53	779	SLU_ENV	Max	-11.07	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
53	53	777	SLU_ENV	Min	-18.27	0.	0.
53	53	805	SLU_ENV	Min	-18.27	0.	0.
53	53	806	SLU_ENV	Min	-18.27	0.	0.
53	53	779	SLU_ENV	Min	-18.27	0.	0.
53	53	777	SLV_Ex		-45.57	253.24	-10.366
53	53	805	SLV_Ex		-45.57	253.24	-10.366
53	53	806	SLV_Ex		-45.57	253.24	-10.366
53	53	779	SLV_Ex		-45.57	253.24	-10.366
54	54	779	SLU_ENV	Max	7.07	0.	0.
54	54	806	SLU_ENV	Max	7.07	0.	0.
54	54	807	SLU_ENV	Max	7.07	0.	0.
54	54	781	SLU_ENV	Max	7.07	0.	0.
54	54	779	SLU_ENV	Min	-11.4	0.	0.
54	54	806	SLU_ENV	Min	-11.4	0.	0.
54	54	807	SLU_ENV	Min	-11.4	0.	0.
54	54	781	SLU_ENV	Min	-11.4	0.	0.
54	54	779	SLV_Ex		-26.2	226.47	-6.644
54	54	806	SLV_Ex		-26.2	226.47	-6.644
54	54	807	SLV_Ex		-26.2	226.47	-6.644
54	54	781	SLV_Ex		-26.2	226.47	-6.644
55	55	781	SLU_ENV	Max	19.71	0.	0.
55	55	807	SLU_ENV	Max	19.71	0.	0.
55	55	808	SLU_ENV	Max	19.71	0.	0.
55	55	783	SLU_ENV	Max	19.71	0.	0.
55	55	781	SLU_ENV	Min	-9.32	0.	0.
55	55	807	SLU_ENV	Min	-9.32	0.	0.
55	55	808	SLU_ENV	Min	-9.32	0.	0.
55	55	783	SLU_ENV	Min	-9.32	0.	0.
55	55	781	SLV_Ex		-20.01	201.45	-5.701
55	55	807	SLV_Ex		-20.01	201.45	-5.701
55	55	808	SLV_Ex		-20.01	201.45	-5.701
55	55	783	SLV_Ex		-20.01	201.45	-5.701
56	56	783	SLU_ENV	Max	17.75	0.	0.
56	56	808	SLU_ENV	Max	17.75	0.	0.
56	56	809	SLU_ENV	Max	17.75	0.	0.
56	56	785	SLU_ENV	Max	17.75	0.	0.
56	56	783	SLU_ENV	Min	-7.15	0.	0.
56	56	808	SLU_ENV	Min	-7.15	0.	0.
56	56	809	SLU_ENV	Min	-7.15	0.	0.
56	56	785	SLU_ENV	Min	-7.15	0.	0.
56	56	783	SLV_Ex		-10.96	176.15	-3.567
56	56	808	SLV_Ex		-10.96	176.15	-3.567
56	56	809	SLV_Ex		-10.96	176.15	-3.567
56	56	785	SLV_Ex		-10.96	176.15	-3.567
57	57	785	SLU_ENV	Max	23.53	0.	0.
57	57	809	SLU_ENV	Max	23.53	0.	0.
57	57	810	SLU_ENV	Max	23.53	0.	0.
57	57	787	SLU_ENV	Max	23.53	0.	0.
57	57	785	SLU_ENV	Min	-6.71	0.	0.
57	57	809	SLU_ENV	Min	-6.71	0.	0.
57	57	810	SLU_ENV	Min	-6.71	0.	0.
57	57	787	SLU_ENV	Min	-6.71	0.	0.
57	57	785	SLV_Ex		-7.66	152.39	-2.881
57	57	809	SLV_Ex		-7.66	152.39	-2.881

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
57	57	810	SLV_Ex		-7.66	152.39	-2.881
57	57	787	SLV_Ex		-7.66	152.39	-2.881
58	58	787	SLU_ENV	Max	23.45	0.	0.
58	58	810	SLU_ENV	Max	23.45	0.	0.
58	58	811	SLU_ENV	Max	23.45	0.	0.
58	58	789	SLU_ENV	Max	23.45	0.	0.
58	58	787	SLU_ENV	Min	-6.8	0.	0.
58	58	810	SLU_ENV	Min	-6.8	0.	0.
58	58	811	SLU_ENV	Min	-6.8	0.	0.
58	58	789	SLU_ENV	Min	-6.8	0.	0.
58	58	787	SLV_Ex		-1.86	129.01	-0.824
58	58	810	SLV_Ex		-1.86	129.01	-0.824
58	58	811	SLV_Ex		-1.86	129.01	-0.824
58	58	789	SLV_Ex		-1.86	129.01	-0.824
59	59	789	SLU_ENV	Max	17.47	0.	0.
59	59	811	SLU_ENV	Max	17.47	0.	0.
59	59	812	SLU_ENV	Max	17.47	0.	0.
59	59	791	SLU_ENV	Max	17.47	0.	0.
59	59	789	SLU_ENV	Min	-7.43	0.	0.
59	59	811	SLU_ENV	Min	-7.43	0.	0.
59	59	812	SLU_ENV	Min	-7.43	0.	0.
59	59	791	SLU_ENV	Min	-7.43	0.	0.
59	59	789	SLV_Ex		0.53	106.57	0.283
59	59	811	SLV_Ex		0.53	106.57	0.283
59	59	812	SLV_Ex		0.53	106.57	0.283
59	59	791	SLV_Ex		0.53	106.57	0.283
60	60	791	SLU_ENV	Max	19.21	0.	0.
60	60	812	SLU_ENV	Max	19.21	0.	0.
60	60	813	SLU_ENV	Max	19.21	0.	0.
60	60	793	SLU_ENV	Max	19.21	0.	0.
60	60	791	SLU_ENV	Min	-9.83	0.	0.
60	60	812	SLU_ENV	Min	-9.83	0.	0.
60	60	813	SLU_ENV	Min	-9.83	0.	0.
60	60	793	SLU_ENV	Min	-9.83	0.	0.
60	60	791	SLV_Ex		6.62	85.17	4.455
60	60	812	SLV_Ex		6.62	85.17	4.455
60	60	813	SLV_Ex		6.62	85.17	4.455
60	60	793	SLV_Ex		6.62	85.17	4.455
61	61	793	SLU_ENV	Max	6.21	0.	0.
61	61	813	SLU_ENV	Max	6.21	0.	0.
61	61	814	SLU_ENV	Max	6.21	0.	0.
61	61	795	SLU_ENV	Max	6.21	0.	0.
61	61	793	SLU_ENV	Min	-12.29	0.	0.
61	61	813	SLU_ENV	Min	-12.29	0.	0.
61	61	814	SLU_ENV	Min	-12.29	0.	0.
61	61	795	SLU_ENV	Min	-12.29	0.	0.
61	61	793	SLV_Ex		8.95	64.37	7.989
61	61	813	SLV_Ex		8.95	64.37	7.989
61	61	814	SLV_Ex		8.95	64.37	7.989
61	61	795	SLV_Ex		8.95	64.37	7.989
62	62	795	SLU_ENV	Max	-12.44	0.	0.
62	62	814	SLU_ENV	Max	-12.44	0.	0.
62	62	815	SLU_ENV	Max	-12.44	0.	0.
62	62	797	SLU_ENV	Max	-12.44	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
62	62	795	SLU_ENV	Min	-19.68	0.	0.
62	62	814	SLU_ENV	Min	-19.68	0.	0.
62	62	815	SLU_ENV	Min	-19.68	0.	0.
62	62	797	SLU_ENV	Min	-19.68	0.	0.
62	62	795	SLV_Ex		18.94	46.99	23.769
62	62	814	SLV_Ex		18.94	46.99	23.769
62	62	815	SLV_Ex		18.94	46.99	23.769
62	62	797	SLV_Ex		18.94	46.99	23.769
63	63	797	SLU_ENV	Max	-18.13	0.	0.
63	63	815	SLU_ENV	Max	-18.13	0.	0.
63	63	816	SLU_ENV	Max	-18.13	0.	0.
63	63	799	SLU_ENV	Max	-18.13	0.	0.
63	63	797	SLU_ENV	Min	-39.89	0.	0.
63	63	815	SLU_ENV	Min	-39.89	0.	0.
63	63	816	SLU_ENV	Min	-39.89	0.	0.
63	63	799	SLU_ENV	Min	-39.89	0.	0.
63	63	797	SLV_Ex		20.62	30.82	41.998
63	63	815	SLV_Ex		20.62	30.82	41.998
63	63	816	SLV_Ex		20.62	30.82	41.998
63	63	799	SLV_Ex		20.62	30.82	41.998
64	64	799	SLU_ENV	Max	-34.14	0.	0.
64	64	816	SLU_ENV	Max	-34.14	0.	0.
64	64	817	SLU_ENV	Max	-34.14	0.	0.
64	64	801	SLU_ENV	Max	-34.14	0.	0.
64	64	799	SLU_ENV	Min	-85.94	0.	0.
64	64	816	SLU_ENV	Min	-85.94	0.	0.
64	64	817	SLU_ENV	Min	-85.94	0.	0.
64	64	801	SLU_ENV	Min	-85.94	0.	0.
64	64	799	SLV_Ex		42.25	42.25	90.132
64	64	816	SLV_Ex		42.25	42.25	90.132
64	64	817	SLV_Ex		42.25	42.25	90.132
64	64	801	SLV_Ex		42.25	42.25	90.132
65	65	801	SLU_ENV	Max	-50.58	0.	0.
65	65	817	SLU_ENV	Max	-50.58	0.	0.
65	65	1	SLU_ENV	Max	-50.58	0.	0.
65	65	14	SLU_ENV	Max	-50.58	0.	0.
65	65	801	SLU_ENV	Min	-136.94	0.	0.
65	65	817	SLU_ENV	Min	-136.94	0.	0.
65	65	1	SLU_ENV	Min	-136.94	0.	0.
65	65	14	SLU_ENV	Min	-136.94	0.	0.
65	65	801	SLV_Ex		63.29	64.99	103.141
65	65	817	SLV_Ex		63.29	64.99	103.141
65	65	1	SLV_Ex		63.29	64.99	103.141
65	65	14	SLV_Ex		63.29	64.99	103.141
66	66	343	SLU_ENV	Max	-15.11	0.	0.
66	66	361	SLU_ENV	Max	-15.11	0.	0.
66	66	818	SLU_ENV	Max	-15.11	0.	0.
66	66	803	SLU_ENV	Max	-15.11	0.	0.
66	66	343	SLU_ENV	Min	-61.57	0.	0.
66	66	361	SLU_ENV	Min	-61.57	0.	0.
66	66	818	SLU_ENV	Min	-61.57	0.	0.
66	66	803	SLU_ENV	Min	-61.57	0.	0.
66	66	343	SLV_Ex		-72.06	235.02	-17.856
66	66	361	SLV_Ex		-72.06	235.02	-17.856



Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
66	66	818	SLV_Ex		-72.06	235.02	-17.856
66	66	803	SLV_Ex		-72.06	235.02	-17.856
67	67	803	SLU_ENV	Max	-18.01	0.	0.
67	67	818	SLU_ENV	Max	-18.01	0.	0.
67	67	819	SLU_ENV	Max	-18.01	0.	0.
67	67	804	SLU_ENV	Max	-18.01	0.	0.
67	67	803	SLU_ENV	Min	-54.12	0.	0.
67	67	818	SLU_ENV	Min	-54.12	0.	0.
67	67	819	SLU_ENV	Min	-54.12	0.	0.
67	67	804	SLU_ENV	Min	-54.12	0.	0.
67	67	803	SLV_Ex		-77.7	267.71	-16.873
67	67	818	SLV_Ex		-77.7	267.71	-16.873
67	67	819	SLV_Ex		-77.7	267.71	-16.873
67	67	804	SLV_Ex		-77.7	267.71	-16.873
68	68	804	SLU_ENV	Max	-12.89	0.	0.
68	68	819	SLU_ENV	Max	-12.89	0.	0.
68	68	820	SLU_ENV	Max	-12.89	0.	0.
68	68	805	SLU_ENV	Max	-12.89	0.	0.
68	68	804	SLU_ENV	Min	-29.93	0.	0.
68	68	819	SLU_ENV	Min	-29.93	0.	0.
68	68	820	SLU_ENV	Min	-29.93	0.	0.
68	68	805	SLU_ENV	Min	-29.93	0.	0.
68	68	804	SLV_Ex		-55.75	250.42	-12.863
68	68	819	SLV_Ex		-55.75	250.42	-12.863
68	68	820	SLV_Ex		-55.75	250.42	-12.863
68	68	805	SLV_Ex		-55.75	250.42	-12.863
69	69	805	SLU_ENV	Max	-3.71	0.	0.
69	69	820	SLU_ENV	Max	-3.71	0.	0.
69	69	821	SLU_ENV	Max	-3.71	0.	0.
69	69	806	SLU_ENV	Max	-3.71	0.	0.
69	69	805	SLU_ENV	Min	-12.75	0.	0.
69	69	820	SLU_ENV	Min	-12.75	0.	0.
69	69	821	SLU_ENV	Min	-12.75	0.	0.
69	69	806	SLU_ENV	Min	-12.75	0.	0.
69	69	805	SLV_Ex		-36.32	234.74	-8.901
69	69	820	SLV_Ex		-36.32	234.74	-8.901
69	69	821	SLV_Ex		-36.32	234.74	-8.901
69	69	806	SLV_Ex		-36.32	234.74	-8.901
70	70	806	SLU_ENV	Max	10.91	0.	0.
70	70	821	SLU_ENV	Max	10.91	0.	0.
70	70	822	SLU_ENV	Max	10.91	0.	0.
70	70	807	SLU_ENV	Max	10.91	0.	0.
70	70	806	SLU_ENV	Min	-10.32	0.	0.
70	70	821	SLU_ENV	Min	-10.32	0.	0.
70	70	822	SLU_ENV	Min	-10.32	0.	0.
70	70	807	SLU_ENV	Min	-10.32	0.	0.
70	70	806	SLV_Ex		-28.47	213.65	-7.658
70	70	821	SLV_Ex		-28.47	213.65	-7.658
70	70	822	SLV_Ex		-28.47	213.65	-7.658
70	70	807	SLV_Ex		-28.47	213.65	-7.658
71	71	807	SLU_ENV	Max	25.87	0.	0.
71	71	822	SLU_ENV	Max	25.87	0.	0.
71	71	823	SLU_ENV	Max	25.87	0.	0.
71	71	808	SLU_ENV	Max	25.87	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
71	71	807	SLU_ENV	Min	-7.43	0.	0.
71	71	822	SLU_ENV	Min	-7.43	0.	0.
71	71	823	SLU_ENV	Min	-7.43	0.	0.
71	71	808	SLU_ENV	Min	-7.43	0.	0.
71	71	807	SLV_Ex		-17.33	191.66	-5.187
71	71	822	SLV_Ex		-17.33	191.66	-5.187
71	71	823	SLV_Ex		-17.33	191.66	-5.187
71	71	808	SLV_Ex		-17.33	191.66	-5.187
72	72	808	SLU_ENV	Max	36.77	0.	0.
72	72	823	SLU_ENV	Max	36.77	0.	0.
72	72	824	SLU_ENV	Max	36.77	0.	0.
72	72	809	SLU_ENV	Max	36.77	0.	0.
72	72	808	SLU_ENV	Min	-6.59	0.	0.
72	72	823	SLU_ENV	Min	-6.59	0.	0.
72	72	824	SLU_ENV	Min	-6.59	0.	0.
72	72	809	SLU_ENV	Min	-6.59	0.	0.
72	72	808	SLV_Ex		-12.75	168.97	-4.329
72	72	823	SLV_Ex		-12.75	168.97	-4.329
72	72	824	SLV_Ex		-12.75	168.97	-4.329
72	72	809	SLV_Ex		-12.75	168.97	-4.329
73	73	809	SLU_ENV	Max	43.5	0.	0.
73	73	824	SLU_ENV	Max	43.5	0.	0.
73	73	825	SLU_ENV	Max	43.5	0.	0.
73	73	810	SLU_ENV	Max	43.5	0.	0.
73	73	809	SLU_ENV	Min	-5.85	0.	0.
73	73	824	SLU_ENV	Min	-5.85	0.	0.
73	73	825	SLU_ENV	Min	-5.85	0.	0.
73	73	810	SLU_ENV	Min	-5.85	0.	0.
73	73	809	SLV_Ex		-5.76	146.06	-2.26
73	73	824	SLV_Ex		-5.76	146.06	-2.26
73	73	825	SLV_Ex		-5.76	146.06	-2.26
73	73	810	SLV_Ex		-5.76	146.06	-2.26
74	74	810	SLU_ENV	Max	43.41	0.	0.
74	74	825	SLU_ENV	Max	43.41	0.	0.
74	74	826	SLU_ENV	Max	43.41	0.	0.
74	74	811	SLU_ENV	Max	43.41	0.	0.
74	74	810	SLU_ENV	Min	-5.94	0.	0.
74	74	825	SLU_ENV	Min	-5.94	0.	0.
74	74	826	SLU_ENV	Min	-5.94	0.	0.
74	74	811	SLU_ENV	Min	-5.94	0.	0.
74	74	810	SLV_Ex		-2.57	123.47	-1.191
74	74	825	SLV_Ex		-2.57	123.47	-1.191
74	74	826	SLV_Ex		-2.57	123.47	-1.191
74	74	811	SLV_Ex		-2.57	123.47	-1.191
75	75	811	SLU_ENV	Max	36.52	0.	0.
75	75	826	SLU_ENV	Max	36.52	0.	0.
75	75	827	SLU_ENV	Max	36.52	0.	0.
75	75	812	SLU_ENV	Max	36.52	0.	0.
75	75	811	SLU_ENV	Min	-6.85	0.	0.
75	75	826	SLU_ENV	Min	-6.85	0.	0.
75	75	827	SLU_ENV	Min	-6.85	0.	0.
75	75	812	SLU_ENV	Min	-6.85	0.	0.
75	75	811	SLV_Ex		3.37	101.06	1.909
75	75	826	SLV_Ex		3.37	101.06	1.909

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
75	75	827	SLV_Ex		3.37	101.06	1.909
75	75	812	SLV_Ex		3.37	101.06	1.909
76	76	812	SLU_ENV	Max	25.4	0.	0.
76	76	827	SLU_ENV	Max	25.4	0.	0.
76	76	828	SLU_ENV	Max	25.4	0.	0.
76	76	813	SLU_ENV	Max	25.4	0.	0.
76	76	812	SLU_ENV	Min	-7.92	0.	0.
76	76	827	SLU_ENV	Min	-7.92	0.	0.
76	76	828	SLU_ENV	Min	-7.92	0.	0.
76	76	813	SLU_ENV	Min	-7.92	0.	0.
76	76	812	SLV_Ex		6.32	79.25	4.576
76	76	827	SLV_Ex		6.32	79.25	4.576
76	76	828	SLV_Ex		6.32	79.25	4.576
76	76	813	SLV_Ex		6.32	79.25	4.576
77	77	813	SLU_ENV	Max	10.18	0.	0.
77	77	828	SLU_ENV	Max	10.18	0.	0.
77	77	829	SLU_ENV	Max	10.18	0.	0.
77	77	814	SLU_ENV	Max	10.18	0.	0.
77	77	813	SLU_ENV	Min	-11.08	0.	0.
77	77	828	SLU_ENV	Min	-11.08	0.	0.
77	77	829	SLU_ENV	Min	-11.08	0.	0.
77	77	814	SLU_ENV	Min	-11.08	0.	0.
77	77	813	SLV_Ex		13.56	58.18	13.476
77	77	828	SLV_Ex		13.56	58.18	13.476
77	77	829	SLV_Ex		13.56	58.18	13.476
77	77	814	SLV_Ex		13.56	58.18	13.476
78	78	814	SLU_ENV	Max	-4.83	0.	0.
78	78	829	SLU_ENV	Max	-4.83	0.	0.
78	78	830	SLU_ENV	Max	-4.83	0.	0.
78	78	815	SLU_ENV	Max	-4.83	0.	0.
78	78	814	SLU_ENV	Min	-13.9	0.	0.
78	78	829	SLU_ENV	Min	-13.9	0.	0.
78	78	830	SLU_ENV	Min	-13.9	0.	0.
78	78	815	SLU_ENV	Min	-13.9	0.	0.
78	78	814	SLV_Ex		17.12	39.24	25.869
78	78	829	SLV_Ex		17.12	39.24	25.869
78	78	830	SLV_Ex		17.12	39.24	25.869
78	78	815	SLV_Ex		17.12	39.24	25.869
79	79	815	SLU_ENV	Max	-14.06	0.	0.
79	79	830	SLU_ENV	Max	-14.06	0.	0.
79	79	831	SLU_ENV	Max	-14.06	0.	0.
79	79	816	SLU_ENV	Max	-14.06	0.	0.
79	79	815	SLU_ENV	Min	-31.96	0.	0.
79	79	830	SLU_ENV	Min	-31.96	0.	0.
79	79	831	SLU_ENV	Min	-31.96	0.	0.
79	79	816	SLU_ENV	Min	-31.96	0.	0.
79	79	815	SLV_Ex		28.13	30.27	68.356
79	79	830	SLV_Ex		28.13	30.27	68.356
79	79	831	SLV_Ex		28.13	30.27	68.356
79	79	816	SLV_Ex		28.13	30.27	68.356
80	80	816	SLU_ENV	Max	-19.45	0.	0.
80	80	831	SLU_ENV	Max	-19.45	0.	0.
80	80	832	SLU_ENV	Max	-19.45	0.	0.
80	80	817	SLU_ENV	Max	-19.45	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
80	80	816	SLU_ENV	Min	-56.64	0.	0.
80	80	831	SLU_ENV	Min	-56.64	0.	0.
80	80	832	SLU_ENV	Min	-56.64	0.	0.
80	80	817	SLU_ENV	Min	-56.64	0.	0.
80	80	816	SLV_Ex		41.01	41.62	99.761
80	80	831	SLV_Ex		41.01	41.62	99.761
80	80	832	SLV_Ex		41.01	41.62	99.761
80	80	817	SLV_Ex		41.01	41.62	99.761
81	81	817	SLU_ENV	Max	-16.43	0.	0.
81	81	832	SLU_ENV	Max	-16.43	0.	0.
81	81	29	SLU_ENV	Max	-16.43	0.	0.
81	81	1	SLU_ENV	Max	-16.43	0.	0.
81	81	817	SLU_ENV	Min	-63.87	0.	0.
81	81	832	SLU_ENV	Min	-63.87	0.	0.
81	81	29	SLU_ENV	Min	-63.87	0.	0.
81	81	1	SLU_ENV	Min	-63.87	0.	0.
81	81	817	SLV_Ex		41.83	63.37	138.697
81	81	832	SLV_Ex		41.83	63.37	138.697
81	81	29	SLV_Ex		41.83	63.37	138.697
81	81	1	SLV_Ex		41.83	63.37	138.697
82	82	361	SLU_ENV	Max	-1.57	0.	0.
82	82	379	SLU_ENV	Max	-1.57	0.	0.
82	82	833	SLU_ENV	Max	-1.57	0.	0.
82	82	818	SLU_ENV	Max	-1.57	0.	0.
82	82	361	SLU_ENV	Min	-35.91	0.	0.
82	82	379	SLU_ENV	Min	-35.91	0.	0.
82	82	833	SLU_ENV	Min	-35.91	0.	0.
82	82	818	SLU_ENV	Min	-35.91	0.	0.
82	82	361	SLV_Ex		-37.03	239.76	-8.885
82	82	379	SLV_Ex		-37.03	239.76	-8.885
82	82	833	SLV_Ex		-37.03	239.76	-8.885
82	82	818	SLV_Ex		-37.03	239.76	-8.885
83	83	818	SLU_ENV	Max	-5.52	0.	0.
83	83	833	SLU_ENV	Max	-5.52	0.	0.
83	83	834	SLU_ENV	Max	-5.52	0.	0.
83	83	819	SLU_ENV	Max	-5.52	0.	0.
83	83	818	SLU_ENV	Min	-29.93	0.	0.
83	83	833	SLU_ENV	Min	-29.93	0.	0.
83	83	834	SLU_ENV	Min	-29.93	0.	0.
83	83	819	SLU_ENV	Min	-29.93	0.	0.
83	83	818	SLV_Ex		-42.23	238.41	-10.202
83	83	833	SLV_Ex		-42.23	238.41	-10.202
83	83	834	SLV_Ex		-42.23	238.41	-10.202
83	83	819	SLV_Ex		-42.23	238.41	-10.202
84	84	819	SLU_ENV	Max	-6.45	0.	0.
84	84	834	SLU_ENV	Max	-6.45	0.	0.
84	84	835	SLU_ENV	Max	-6.45	0.	0.
84	84	820	SLU_ENV	Max	-6.45	0.	0.
84	84	819	SLU_ENV	Min	-19.15	0.	0.
84	84	834	SLU_ENV	Min	-19.15	0.	0.
84	84	835	SLU_ENV	Min	-19.15	0.	0.
84	84	820	SLU_ENV	Min	-19.15	0.	0.
84	84	819	SLV_Ex		-40.04	238.42	-9.667
84	84	834	SLV_Ex		-40.04	238.42	-9.667

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
84	84	835	SLV_Ex		-40.04	238.42	-9.667
84	84	820	SLV_Ex		-40.04	238.42	-9.667
85	85	820	SLU_ENV	Max	-1.47	0.	0.
85	85	835	SLU_ENV	Max	-1.47	0.	0.
85	85	836	SLU_ENV	Max	-1.47	0.	0.
85	85	821	SLU_ENV	Max	-1.47	0.	0.
85	85	820	SLU_ENV	Min	-7.9	0.	0.
85	85	835	SLU_ENV	Min	-7.9	0.	0.
85	85	836	SLU_ENV	Min	-7.9	0.	0.
85	85	821	SLU_ENV	Min	-7.9	0.	0.
85	85	820	SLV_Ex		-31.33	220.83	-8.155
85	85	835	SLV_Ex		-31.33	220.83	-8.155
85	85	836	SLV_Ex		-31.33	220.83	-8.155
85	85	821	SLV_Ex		-31.33	220.83	-8.155
86	86	821	SLU_ENV	Max	13.62	0.	0.
86	86	836	SLU_ENV	Max	13.62	0.	0.
86	86	837	SLU_ENV	Max	13.62	0.	0.
86	86	822	SLU_ENV	Max	13.62	0.	0.
86	86	821	SLU_ENV	Min	-6.03	0.	0.
86	86	836	SLU_ENV	Min	-6.03	0.	0.
86	86	837	SLU_ENV	Min	-6.03	0.	0.
86	86	822	SLU_ENV	Min	-6.03	0.	0.
86	86	821	SLV_Ex		-21.6	203.96	-6.078
86	86	836	SLV_Ex		-21.6	203.96	-6.078
86	86	837	SLV_Ex		-21.6	203.96	-6.078
86	86	822	SLV_Ex		-21.6	203.96	-6.078
87	87	822	SLU_ENV	Max	28.64	0.	0.
87	87	837	SLU_ENV	Max	28.64	0.	0.
87	87	838	SLU_ENV	Max	28.64	0.	0.
87	87	823	SLU_ENV	Max	28.64	0.	0.
87	87	822	SLU_ENV	Min	-5.41	0.	0.
87	87	837	SLU_ENV	Min	-5.41	0.	0.
87	87	838	SLU_ENV	Min	-5.41	0.	0.
87	87	823	SLU_ENV	Min	-5.41	0.	0.
87	87	822	SLV_Ex		-16.78	183.18	-5.256
87	87	837	SLV_Ex		-16.78	183.18	-5.256
87	87	838	SLV_Ex		-16.78	183.18	-5.256
87	87	823	SLV_Ex		-16.78	183.18	-5.256
88	88	823	SLU_ENV	Max	58.62	0.	0.
88	88	838	SLU_ENV	Max	58.62	0.	0.
88	88	839	SLU_ENV	Max	58.62	0.	0.
88	88	824	SLU_ENV	Max	58.62	0.	0.
88	88	823	SLU_ENV	Min	-4.48	0.	0.
88	88	838	SLU_ENV	Min	-4.48	0.	0.
88	88	839	SLU_ENV	Min	-4.48	0.	0.
88	88	824	SLU_ENV	Min	-4.48	0.	0.
88	88	823	SLV_Ex		-9.52	162.09	-3.366
88	88	838	SLV_Ex		-9.52	162.09	-3.366
88	88	839	SLV_Ex		-9.52	162.09	-3.366
88	88	824	SLV_Ex		-9.52	162.09	-3.366
89	89	824	SLU_ENV	Max	66.96	0.	0.
89	89	839	SLU_ENV	Max	66.96	0.	0.
89	89	840	SLU_ENV	Max	66.96	0.	0.
89	89	825	SLU_ENV	Max	66.96	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
89	89	824	SLU_ENV	Min	-4.35	0.	0.
89	89	839	SLU_ENV	Min	-4.35	0.	0.
89	89	840	SLU_ENV	Min	-4.35	0.	0.
89	89	825	SLU_ENV	Min	-4.35	0.	0.
89	89	824	SLV_Ex		-6.01	140.05	-2.46
89	89	839	SLV_Ex		-6.01	140.05	-2.46
89	89	840	SLV_Ex		-6.01	140.05	-2.46
89	89	825	SLV_Ex		-6.01	140.05	-2.46
90	90	825	SLU_ENV	Max	66.89	0.	0.
90	90	840	SLU_ENV	Max	66.89	0.	0.
90	90	841	SLU_ENV	Max	66.89	0.	0.
90	90	826	SLU_ENV	Max	66.89	0.	0.
90	90	825	SLU_ENV	Min	-4.42	0.	0.
90	90	840	SLU_ENV	Min	-4.42	0.	0.
90	90	841	SLU_ENV	Min	-4.42	0.	0.
90	90	826	SLU_ENV	Min	-4.42	0.	0.
90	90	825	SLV_Ex		-0.14	117.8	-0.066
90	90	840	SLV_Ex		-0.14	117.8	-0.066
90	90	841	SLV_Ex		-0.14	117.8	-0.066
90	90	826	SLV_Ex		-0.14	117.8	-0.066
91	91	826	SLU_ENV	Max	58.41	0.	0.
91	91	841	SLU_ENV	Max	58.41	0.	0.
91	91	842	SLU_ENV	Max	58.41	0.	0.
91	91	827	SLU_ENV	Max	58.41	0.	0.
91	91	826	SLU_ENV	Min	-4.69	0.	0.
91	91	841	SLU_ENV	Min	-4.69	0.	0.
91	91	842	SLU_ENV	Min	-4.69	0.	0.
91	91	827	SLU_ENV	Min	-4.69	0.	0.
91	91	826	SLV_Ex		3.	95.64	1.8
91	91	841	SLV_Ex		3.	95.64	1.8
91	91	842	SLV_Ex		3.	95.64	1.8
91	91	827	SLV_Ex		3.	95.64	1.8
92	92	827	SLU_ENV	Max	28.28	0.	0.
92	92	842	SLU_ENV	Max	28.28	0.	0.
92	92	843	SLU_ENV	Max	28.28	0.	0.
92	92	828	SLU_ENV	Max	28.28	0.	0.
92	92	827	SLU_ENV	Min	-5.78	0.	0.
92	92	842	SLU_ENV	Min	-5.78	0.	0.
92	92	843	SLU_ENV	Min	-5.78	0.	0.
92	92	828	SLU_ENV	Min	-5.78	0.	0.
92	92	827	SLV_Ex		9.02	73.41	7.059
92	92	842	SLV_Ex		9.02	73.41	7.059
92	92	843	SLV_Ex		9.02	73.41	7.059
92	92	828	SLV_Ex		9.02	73.41	7.059
93	93	828	SLU_ENV	Max	13.09	0.	0.
93	93	843	SLU_ENV	Max	13.09	0.	0.
93	93	844	SLU_ENV	Max	13.09	0.	0.
93	93	829	SLU_ENV	Max	13.09	0.	0.
93	93	828	SLU_ENV	Min	-6.58	0.	0.
93	93	843	SLU_ENV	Min	-6.58	0.	0.
93	93	844	SLU_ENV	Min	-6.58	0.	0.
93	93	829	SLU_ENV	Min	-6.58	0.	0.
93	93	828	SLV_Ex		12.65	52.41	13.97
93	93	843	SLV_Ex		12.65	52.41	13.97

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
93	93	844	SLV_Ex		12.65	52.41	13.97
93	93	829	SLV_Ex		12.65	52.41	13.97
94	94	829	SLU_ENV	Max	-2.17	0.	0.
94	94	844	SLU_ENV	Max	-2.17	0.	0.
94	94	845	SLU_ENV	Max	-2.17	0.	0.
94	94	830	SLU_ENV	Max	-2.17	0.	0.
94	94	829	SLU_ENV	Min	-8.63	0.	0.
94	94	844	SLU_ENV	Min	-8.63	0.	0.
94	94	845	SLU_ENV	Min	-8.63	0.	0.
94	94	830	SLU_ENV	Min	-8.63	0.	0.
94	94	829	SLV_Ex		20.05	33.54	36.719
94	94	844	SLV_Ex		20.05	33.54	36.719
94	94	845	SLV_Ex		20.05	33.54	36.719
94	94	830	SLV_Ex		20.05	33.54	36.719
95	95	830	SLU_ENV	Max	-7.07	0.	0.
95	95	845	SLU_ENV	Max	-7.07	0.	0.
95	95	846	SLU_ENV	Max	-7.07	0.	0.
95	95	831	SLU_ENV	Max	-7.07	0.	0.
95	95	830	SLU_ENV	Min	-20.23	0.	0.
95	95	845	SLU_ENV	Min	-20.23	0.	0.
95	95	846	SLU_ENV	Min	-20.23	0.	0.
95	95	831	SLU_ENV	Min	-20.23	0.	0.
95	95	830	SLV_Ex		26.97	27.55	78.204
95	95	845	SLV_Ex		26.97	27.55	78.204
95	95	846	SLV_Ex		26.97	27.55	78.204
95	95	831	SLV_Ex		26.97	27.55	78.204
96	96	831	SLU_ENV	Max	-6.11	0.	0.
96	96	846	SLU_ENV	Max	-6.11	0.	0.
96	96	847	SLU_ENV	Max	-6.11	0.	0.
96	96	832	SLU_ENV	Max	-6.11	0.	0.
96	96	831	SLU_ENV	Min	-30.96	0.	0.
96	96	846	SLU_ENV	Min	-30.96	0.	0.
96	96	847	SLU_ENV	Min	-30.96	0.	0.
96	96	832	SLU_ENV	Min	-30.96	0.	0.
96	96	831	SLV_Ex		31.73	40.2	127.877
96	96	846	SLV_Ex		31.73	40.2	127.877
96	96	847	SLV_Ex		31.73	40.2	127.877
96	96	832	SLV_Ex		31.73	40.2	127.877
97	97	832	SLU_ENV	Max	-1.94	0.	0.
97	97	847	SLU_ENV	Max	-1.94	0.	0.
97	97	56	SLU_ENV	Max	-1.94	0.	0.
97	97	29	SLU_ENV	Max	-1.94	0.	0.
97	97	832	SLU_ENV	Min	-36.26	0.	0.
97	97	847	SLU_ENV	Min	-36.26	0.	0.
97	97	56	SLU_ENV	Min	-36.26	0.	0.
97	97	29	SLU_ENV	Min	-36.26	0.	0.
97	97	832	SLV_Ex		36.12	62.14	144.454
97	97	847	SLV_Ex		36.12	62.14	144.454
97	97	56	SLV_Ex		36.12	62.14	144.454
97	97	29	SLV_Ex		36.12	62.14	144.454
98	98	379	SLU_ENV	Max	9.98	0.	0.
98	98	397	SLU_ENV	Max	9.98	0.	0.
98	98	848	SLU_ENV	Max	9.98	0.	0.
98	98	833	SLU_ENV	Max	9.98	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
98	98	379	SLU_ENV	Min	-24.01	0.	0.
98	98	397	SLU_ENV	Min	-24.01	0.	0.
98	98	848	SLU_ENV	Min	-24.01	0.	0.
98	98	833	SLU_ENV	Min	-24.01	0.	0.
98	98	379	SLV_Ex		-15.84	246.76	-3.681
98	98	397	SLV_Ex		-15.84	246.76	-3.681
98	98	848	SLV_Ex		-15.84	246.76	-3.681
98	98	833	SLV_Ex		-15.84	246.76	-3.681
99	99	833	SLU_ENV	Max	2.47	0.	0.
99	99	848	SLU_ENV	Max	2.47	0.	0.
99	99	849	SLU_ENV	Max	2.47	0.	0.
99	99	834	SLU_ENV	Max	2.47	0.	0.
99	99	833	SLU_ENV	Min	-18.43	0.	0.
99	99	848	SLU_ENV	Min	-18.43	0.	0.
99	99	849	SLU_ENV	Min	-18.43	0.	0.
99	99	834	SLU_ENV	Min	-18.43	0.	0.
99	99	833	SLV_Ex		-25.1	239.82	-6.008
99	99	848	SLV_Ex		-25.1	239.82	-6.008
99	99	849	SLV_Ex		-25.1	239.82	-6.008
99	99	834	SLV_Ex		-25.1	239.82	-6.008
100	100	834	SLU_ENV	Max	-0.53	0.	0.
100	100	849	SLU_ENV	Max	-0.53	0.	0.
100	100	850	SLU_ENV	Max	-0.53	0.	0.
100	100	835	SLU_ENV	Max	-0.53	0.	0.
100	100	834	SLU_ENV	Min	-8.48	0.	0.
100	100	849	SLU_ENV	Min	-8.48	0.	0.
100	100	850	SLU_ENV	Min	-8.48	0.	0.
100	100	835	SLU_ENV	Min	-8.48	0.	0.
100	100	834	SLV_Ex		-24.88	226.92	-6.295
100	100	849	SLV_Ex		-24.88	226.92	-6.295
100	100	850	SLV_Ex		-24.88	226.92	-6.295
100	100	835	SLV_Ex		-24.88	226.92	-6.295
101	101	835	SLU_ENV	Max	2.59	0.	0.
101	101	850	SLU_ENV	Max	2.59	0.	0.
101	101	851	SLU_ENV	Max	2.59	0.	0.
101	101	836	SLU_ENV	Max	2.59	0.	0.
101	101	835	SLU_ENV	Min	-2.01	0.	0.
101	101	850	SLU_ENV	Min	-2.01	0.	0.
101	101	851	SLU_ENV	Min	-2.01	0.	0.
101	101	836	SLU_ENV	Min	-2.01	0.	0.
101	101	835	SLV_Ex		-21.86	215.15	-5.831
101	101	850	SLV_Ex		-21.86	215.15	-5.831
101	101	851	SLV_Ex		-21.86	215.15	-5.831
101	101	836	SLV_Ex		-21.86	215.15	-5.831
102	102	836	SLU_ENV	Max	14.38	0.	0.
102	102	851	SLU_ENV	Max	14.38	0.	0.
102	102	852	SLU_ENV	Max	14.38	0.	0.
102	102	837	SLU_ENV	Max	14.38	0.	0.
102	102	836	SLU_ENV	Min	-2.35	0.	0.
102	102	851	SLU_ENV	Min	-2.35	0.	0.
102	102	852	SLU_ENV	Min	-2.35	0.	0.
102	102	837	SLU_ENV	Min	-2.35	0.	0.
102	102	836	SLV_Ex		-17.66	196.12	-5.166
102	102	851	SLV_Ex		-17.66	196.12	-5.166



Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
102	102	852	SLV_Ex		-17.66	196.12	-5.166
102	102	837	SLV_Ex		-17.66	196.12	-5.166
103	103	837	SLU_ENV	Max	25.93	0.	0.
103	103	852	SLU_ENV	Max	25.93	0.	0.
103	103	853	SLU_ENV	Max	25.93	0.	0.
103	103	838	SLU_ENV	Max	25.93	0.	0.
103	103	837	SLU_ENV	Min	-2.17	0.	0.
103	103	852	SLU_ENV	Min	-2.17	0.	0.
103	103	853	SLU_ENV	Min	-2.17	0.	0.
103	103	838	SLU_ENV	Min	-2.17	0.	0.
103	103	837	SLV_Ex		-11.76	177.37	-3.802
103	103	852	SLV_Ex		-11.76	177.37	-3.802
103	103	853	SLV_Ex		-11.76	177.37	-3.802
103	103	838	SLV_Ex		-11.76	177.37	-3.802
104	104	838	SLU_ENV	Max	27.45	0.	0.
104	104	853	SLU_ENV	Max	27.45	0.	0.
104	104	854	SLU_ENV	Max	27.45	0.	0.
104	104	839	SLU_ENV	Max	27.45	0.	0.
104	104	838	SLU_ENV	Min	-2.33	0.	0.
104	104	853	SLU_ENV	Min	-2.33	0.	0.
104	104	854	SLU_ENV	Min	-2.33	0.	0.
104	104	839	SLU_ENV	Min	-2.33	0.	0.
104	104	838	SLV_Ex		-8.5	156.2	-3.12
104	104	853	SLV_Ex		-8.5	156.2	-3.12
104	104	854	SLV_Ex		-8.5	156.2	-3.12
104	104	839	SLV_Ex		-8.5	156.2	-3.12
105	105	839	SLU_ENV	Max	32.79	0.	0.
105	105	854	SLU_ENV	Max	32.79	0.	0.
105	105	855	SLU_ENV	Max	32.79	0.	0.
105	105	840	SLU_ENV	Max	32.79	0.	0.
105	105	839	SLU_ENV	Min	-2.24	0.	0.
105	105	854	SLU_ENV	Min	-2.24	0.	0.
105	105	855	SLU_ENV	Min	-2.24	0.	0.
105	105	840	SLU_ENV	Min	-2.24	0.	0.
105	105	839	SLV_Ex		-3.11	134.83	-1.323
105	105	854	SLV_Ex		-3.11	134.83	-1.323
105	105	855	SLV_Ex		-3.11	134.83	-1.323
105	105	840	SLV_Ex		-3.11	134.83	-1.323
106	106	840	SLU_ENV	Max	32.74	0.	0.
106	106	855	SLU_ENV	Max	32.74	0.	0.
106	106	856	SLU_ENV	Max	32.74	0.	0.
106	106	841	SLU_ENV	Max	32.74	0.	0.
106	106	840	SLU_ENV	Min	-2.29	0.	0.
106	106	855	SLU_ENV	Min	-2.29	0.	0.
106	106	856	SLU_ENV	Min	-2.29	0.	0.
106	106	841	SLU_ENV	Min	-2.29	0.	0.
106	106	840	SLV_Ex		-0.11	112.78	-0.054
106	106	855	SLV_Ex		-0.11	112.78	-0.054
106	106	856	SLV_Ex		-0.11	112.78	-0.054
106	106	841	SLV_Ex		-0.11	112.78	-0.054
107	107	841	SLU_ENV	Max	27.32	0.	0.
107	107	856	SLU_ENV	Max	27.32	0.	0.
107	107	857	SLU_ENV	Max	27.32	0.	0.
107	107	842	SLU_ENV	Max	27.32	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
107	107	841	SLU_ENV	Min	-2.47	0.	0.
107	107	856	SLU_ENV	Min	-2.47	0.	0.
107	107	857	SLU_ENV	Min	-2.47	0.	0.
107	107	842	SLU_ENV	Min	-2.47	0.	0.
107	107	841	SLV_Ex		5.15	90.44	3.268
107	107	856	SLV_Ex		5.15	90.44	3.268
107	107	857	SLV_Ex		5.15	90.44	3.268
107	107	842	SLV_Ex		5.15	90.44	3.268
108	108	842	SLU_ENV	Max	25.7	0.	0.
108	108	857	SLU_ENV	Max	25.7	0.	0.
108	108	858	SLU_ENV	Max	25.7	0.	0.
108	108	843	SLU_ENV	Max	25.7	0.	0.
108	108	842	SLU_ENV	Min	-2.41	0.	0.
108	108	857	SLU_ENV	Min	-2.41	0.	0.
108	108	858	SLU_ENV	Min	-2.41	0.	0.
108	108	843	SLU_ENV	Min	-2.41	0.	0.
108	108	842	SLV_Ex		8.5	68.52	7.13
108	108	857	SLV_Ex		8.5	68.52	7.13
108	108	858	SLV_Ex		8.5	68.52	7.13
108	108	843	SLV_Ex		8.5	68.52	7.13
109	109	843	SLU_ENV	Max	14.07	0.	0.
109	109	858	SLU_ENV	Max	14.07	0.	0.
109	109	859	SLU_ENV	Max	14.07	0.	0.
109	109	844	SLU_ENV	Max	14.07	0.	0.
109	109	843	SLU_ENV	Min	-2.66	0.	0.
109	109	858	SLU_ENV	Min	-2.66	0.	0.
109	109	859	SLU_ENV	Min	-2.66	0.	0.
109	109	844	SLU_ENV	Min	-2.66	0.	0.
109	109	843	SLV_Ex		14.3	46.65	17.847
109	109	858	SLV_Ex		14.3	46.65	17.847
109	109	859	SLV_Ex		14.3	46.65	17.847
109	109	844	SLV_Ex		14.3	46.65	17.847
110	110	844	SLU_ENV	Max	2.24	0.	0.
110	110	859	SLU_ENV	Max	2.24	0.	0.
110	110	860	SLU_ENV	Max	2.24	0.	0.
110	110	845	SLU_ENV	Max	2.24	0.	0.
110	110	844	SLU_ENV	Min	-2.38	0.	0.
110	110	859	SLU_ENV	Min	-2.38	0.	0.
110	110	860	SLU_ENV	Min	-2.38	0.	0.
110	110	845	SLU_ENV	Min	-2.38	0.	0.
110	110	844	SLV_Ex		19.05	29.19	40.737
110	110	859	SLV_Ex		19.05	29.19	40.737
110	110	860	SLV_Ex		19.05	29.19	40.737
110	110	845	SLV_Ex		19.05	29.19	40.737
111	111	845	SLU_ENV	Max	-0.82	0.	0.
111	111	860	SLU_ENV	Max	-0.82	0.	0.
111	111	861	SLU_ENV	Max	-0.82	0.	0.
111	111	846	SLU_ENV	Max	-0.82	0.	0.
111	111	845	SLU_ENV	Min	-8.85	0.	0.
111	111	860	SLU_ENV	Min	-8.85	0.	0.
111	111	861	SLU_ENV	Min	-8.85	0.	0.
111	111	846	SLU_ENV	Min	-8.85	0.	0.
111	111	845	SLV_Ex		24.26	24.6	99.623
111	111	860	SLV_Ex		24.26	24.6	99.623

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
111	111	861	SLV_Ex		24.26	24.6	99.623
111	111	846	SLV_Ex		24.26	24.6	99.623
112	112	846	SLU_ENV	Max	2.32	0.	0.
112	112	861	SLU_ENV	Max	2.32	0.	0.
112	112	862	SLU_ENV	Max	2.32	0.	0.
112	112	847	SLU_ENV	Max	2.32	0.	0.
112	112	846	SLU_ENV	Min	-18.57	0.	0.
112	112	861	SLU_ENV	Min	-18.57	0.	0.
112	112	862	SLU_ENV	Min	-18.57	0.	0.
112	112	847	SLU_ENV	Min	-18.57	0.	0.
112	112	846	SLV_Ex		29.26	40.52	133.776
112	112	861	SLV_Ex		29.26	40.52	133.776
112	112	862	SLV_Ex		29.26	40.52	133.776
112	112	847	SLV_Ex		29.26	40.52	133.776
113	113	847	SLU_ENV	Max	10.25	0.	0.
113	113	862	SLU_ENV	Max	10.25	0.	0.
113	113	83	SLU_ENV	Max	10.25	0.	0.
113	113	56	SLU_ENV	Max	10.25	0.	0.
113	113	847	SLU_ENV	Min	-23.74	0.	0.
113	113	862	SLU_ENV	Min	-23.74	0.	0.
113	113	83	SLU_ENV	Min	-23.74	0.	0.
113	113	56	SLU_ENV	Min	-23.74	0.	0.
113	113	847	SLV_Ex		30.67	63.46	151.096
113	113	862	SLV_Ex		30.67	63.46	151.096
113	113	83	SLV_Ex		30.67	63.46	151.096
113	113	56	SLV_Ex		30.67	63.46	151.096
114	114	397	SLU_ENV	Max	15.76	0.	0.
114	114	415	SLU_ENV	Max	15.76	0.	0.
114	114	863	SLU_ENV	Max	15.76	0.	0.
114	114	848	SLU_ENV	Max	15.76	0.	0.
114	114	397	SLU_ENV	Min	-17.91	0.	0.
114	114	415	SLU_ENV	Min	-17.91	0.	0.
114	114	863	SLU_ENV	Min	-17.91	0.	0.
114	114	848	SLU_ENV	Min	-17.91	0.	0.
114	114	397	SLV_Ex		-6.92	257.	-1.542
114	114	415	SLV_Ex		-6.92	257.	-1.542
114	114	863	SLV_Ex		-6.92	257.	-1.542
114	114	848	SLV_Ex		-6.92	257.	-1.542
115	115	848	SLU_ENV	Max	10.1	0.	0.
115	115	863	SLU_ENV	Max	10.1	0.	0.
115	115	864	SLU_ENV	Max	10.1	0.	0.
115	115	849	SLU_ENV	Max	10.1	0.	0.
115	115	848	SLU_ENV	Min	-10.86	0.	0.
115	115	863	SLU_ENV	Min	-10.86	0.	0.
115	115	864	SLU_ENV	Min	-10.86	0.	0.
115	115	849	SLU_ENV	Min	-10.86	0.	0.
115	115	848	SLV_Ex		-11.82	240.61	-2.815
115	115	863	SLV_Ex		-11.82	240.61	-2.815
115	115	864	SLV_Ex		-11.82	240.61	-2.815
115	115	849	SLV_Ex		-11.82	240.61	-2.815
116	116	849	SLU_ENV	Max	5.49	0.	0.
116	116	864	SLU_ENV	Max	5.49	0.	0.
116	116	865	SLU_ENV	Max	5.49	0.	0.
116	116	850	SLU_ENV	Max	5.49	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
116	116	849	SLU_ENV	Min	-3.29	0.	0.
116	116	864	SLU_ENV	Min	-3.29	0.	0.
116	116	865	SLU_ENV	Min	-3.29	0.	0.
116	116	850	SLU_ENV	Min	-3.29	0.	0.
116	116	849	SLV_Ex		-15.07	227.14	-3.804
116	116	864	SLV_Ex		-15.07	227.14	-3.804
116	116	865	SLV_Ex		-15.07	227.14	-3.804
116	116	850	SLV_Ex		-15.07	227.14	-3.804
117	117	850	SLU_ENV	Max	7.38	0.	0.
117	117	865	SLU_ENV	Max	7.38	0.	0.
117	117	866	SLU_ENV	Max	7.38	0.	0.
117	117	851	SLU_ENV	Max	7.38	0.	0.
117	117	850	SLU_ENV	Min	1.94	0.	0.
117	117	865	SLU_ENV	Min	1.94	0.	0.
117	117	866	SLU_ENV	Min	1.94	0.	0.
117	117	851	SLU_ENV	Min	1.94	0.	0.
117	117	850	SLV_Ex		-14.16	209.66	-3.872
117	117	865	SLV_Ex		-14.16	209.66	-3.872
117	117	866	SLV_Ex		-14.16	209.66	-3.872
117	117	851	SLV_Ex		-14.16	209.66	-3.872
118	118	851	SLU_ENV	Max	16.69	0.	0.
118	118	866	SLU_ENV	Max	16.69	0.	0.
118	118	867	SLU_ENV	Max	16.69	0.	0.
118	118	852	SLU_ENV	Max	16.69	0.	0.
118	118	851	SLU_ENV	Min	1.02	0.	0.
118	118	866	SLU_ENV	Min	1.02	0.	0.
118	118	867	SLU_ENV	Min	1.02	0.	0.
118	118	852	SLU_ENV	Min	1.02	0.	0.
118	118	851	SLV_Ex		-11.54	192.85	-3.431
118	118	866	SLV_Ex		-11.54	192.85	-3.431
118	118	867	SLV_Ex		-11.54	192.85	-3.431
118	118	852	SLV_Ex		-11.54	192.85	-3.431
119	119	852	SLU_ENV	Max	26.14	0.	0.
119	119	867	SLU_ENV	Max	26.14	0.	0.
119	119	868	SLU_ENV	Max	26.14	0.	0.
119	119	853	SLU_ENV	Max	26.14	0.	0.
119	119	852	SLU_ENV	Min	0.49	0.	0.
119	119	867	SLU_ENV	Min	0.49	0.	0.
119	119	868	SLU_ENV	Min	0.49	0.	0.
119	119	853	SLU_ENV	Min	0.49	0.	0.
119	119	852	SLV_Ex		-9.1	172.49	-3.026
119	119	867	SLV_Ex		-9.1	172.49	-3.026
119	119	868	SLV_Ex		-9.1	172.49	-3.026
119	119	853	SLV_Ex		-9.1	172.49	-3.026
120	120	853	SLU_ENV	Max	34.47	0.	0.
120	120	868	SLU_ENV	Max	34.47	0.	0.
120	120	869	SLU_ENV	Max	34.47	0.	0.
120	120	854	SLU_ENV	Max	34.47	0.	0.
120	120	853	SLU_ENV	Min	0.13	0.	0.
120	120	868	SLU_ENV	Min	0.13	0.	0.
120	120	869	SLU_ENV	Min	0.13	0.	0.
120	120	854	SLU_ENV	Min	0.13	0.	0.
120	120	853	SLV_Ex		-4.93	152.19	-1.855
120	120	868	SLV_Ex		-4.93	152.19	-1.855

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
120	120	869	SLV_Ex		-4.93	152.19	-1.855
120	120	854	SLV_Ex		-4.93	152.19	-1.855
121	121	854	SLU_ENV	Max	39.23	0.	0.
121	121	869	SLU_ENV	Max	39.23	0.	0.
121	121	870	SLU_ENV	Max	39.23	0.	0.
121	121	855	SLU_ENV	Max	39.23	0.	0.
121	121	854	SLU_ENV	Min	-0.17	0.	0.
121	121	869	SLU_ENV	Min	-0.17	0.	0.
121	121	870	SLU_ENV	Min	-0.17	0.	0.
121	121	855	SLU_ENV	Min	-0.17	0.	0.
121	121	854	SLV_Ex		-2.39	130.43	-1.049
121	121	869	SLV_Ex		-2.39	130.43	-1.049
121	121	870	SLV_Ex		-2.39	130.43	-1.049
121	121	855	SLV_Ex		-2.39	130.43	-1.049
122	122	855	SLU_ENV	Max	39.21	0.	0.
122	122	870	SLU_ENV	Max	39.21	0.	0.
122	122	871	SLU_ENV	Max	39.21	0.	0.
122	122	856	SLU_ENV	Max	39.21	0.	0.
122	122	855	SLU_ENV	Min	-0.2	0.	0.
122	122	870	SLU_ENV	Min	-0.2	0.	0.
122	122	871	SLU_ENV	Min	-0.2	0.	0.
122	122	856	SLU_ENV	Min	-0.2	0.	0.
122	122	855	SLV_Ex		2.07	108.43	1.096
122	122	870	SLV_Ex		2.07	108.43	1.096
122	122	871	SLV_Ex		2.07	108.43	1.096
122	122	856	SLV_Ex		2.07	108.43	1.096
123	123	856	SLU_ENV	Max	34.39	0.	0.
123	123	871	SLU_ENV	Max	34.39	0.	0.
123	123	872	SLU_ENV	Max	34.39	0.	0.
123	123	857	SLU_ENV	Max	34.39	0.	0.
123	123	856	SLU_ENV	Min	5.399E-02	0.	0.
123	123	871	SLU_ENV	Min	5.399E-02	0.	0.
123	123	872	SLU_ENV	Min	5.399E-02	0.	0.
123	123	857	SLU_ENV	Min	5.399E-02	0.	0.
123	123	856	SLV_Ex		4.99	86.17	3.32
123	123	871	SLV_Ex		4.99	86.17	3.32
123	123	872	SLV_Ex		4.99	86.17	3.32
123	123	857	SLV_Ex		4.99	86.17	3.32
124	124	857	SLU_ENV	Max	26.	0.	0.
124	124	872	SLU_ENV	Max	26.	0.	0.
124	124	873	SLU_ENV	Max	26.	0.	0.
124	124	858	SLU_ENV	Max	26.	0.	0.
124	124	857	SLU_ENV	Min	0.41	0.	0.
124	124	872	SLU_ENV	Min	0.41	0.	0.
124	124	873	SLU_ENV	Min	0.41	0.	0.
124	124	858	SLU_ENV	Min	0.41	0.	0.
124	124	857	SLV_Ex		9.82	63.6	8.88
124	124	872	SLV_Ex		9.82	63.6	8.88
124	124	873	SLV_Ex		9.82	63.6	8.88
124	124	858	SLV_Ex		9.82	63.6	8.88
125	125	858	SLU_ENV	Max	16.51	0.	0.
125	125	873	SLU_ENV	Max	16.51	0.	0.
125	125	874	SLU_ENV	Max	16.51	0.	0.
125	125	859	SLU_ENV	Max	16.51	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
125	125	858	SLU_ENV	Min	0.92	0.	0.
125	125	873	SLU_ENV	Min	0.92	0.	0.
125	125	874	SLU_ENV	Min	0.92	0.	0.
125	125	859	SLU_ENV	Min	0.92	0.	0.
125	125	858	SLV_Ex		13.59	42.39	18.691
125	125	873	SLV_Ex		13.59	42.39	18.691
125	125	874	SLV_Ex		13.59	42.39	18.691
125	125	859	SLV_Ex		13.59	42.39	18.691
126	126	859	SLU_ENV	Max	7.24	0.	0.
126	126	874	SLU_ENV	Max	7.24	0.	0.
126	126	875	SLU_ENV	Max	7.24	0.	0.
126	126	860	SLU_ENV	Max	7.24	0.	0.
126	126	859	SLU_ENV	Min	1.86	0.	0.
126	126	874	SLU_ENV	Min	1.86	0.	0.
126	126	875	SLU_ENV	Min	1.86	0.	0.
126	126	860	SLU_ENV	Min	1.86	0.	0.
126	126	859	SLV_Ex		18.44	24.12	49.856
126	126	874	SLV_Ex		18.44	24.12	49.856
126	126	875	SLV_Ex		18.44	24.12	49.856
126	126	860	SLV_Ex		18.44	24.12	49.856
127	127	860	SLU_ENV	Max	5.48	0.	0.
127	127	875	SLU_ENV	Max	5.48	0.	0.
127	127	876	SLU_ENV	Max	5.48	0.	0.
127	127	861	SLU_ENV	Max	5.48	0.	0.
127	127	860	SLU_ENV	Min	-3.3	0.	0.
127	127	875	SLU_ENV	Min	-3.3	0.	0.
127	127	876	SLU_ENV	Min	-3.3	0.	0.
127	127	861	SLU_ENV	Min	-3.3	0.	0.
127	127	860	SLV_Ex		22.88	24.15	108.666
127	127	875	SLV_Ex		22.88	24.15	108.666
127	127	876	SLV_Ex		22.88	24.15	108.666
127	127	861	SLV_Ex		22.88	24.15	108.666
128	128	861	SLU_ENV	Max	10.3	0.	0.
128	128	876	SLU_ENV	Max	10.3	0.	0.
128	128	877	SLU_ENV	Max	10.3	0.	0.
128	128	862	SLU_ENV	Max	10.3	0.	0.
128	128	861	SLU_ENV	Min	-10.67	0.	0.
128	128	876	SLU_ENV	Min	-10.67	0.	0.
128	128	877	SLU_ENV	Min	-10.67	0.	0.
128	128	862	SLU_ENV	Min	-10.67	0.	0.
128	128	861	SLV_Ex		25.96	42.3	142.138
128	128	876	SLV_Ex		25.96	42.3	142.138
128	128	877	SLV_Ex		25.96	42.3	142.138
128	128	862	SLV_Ex		25.96	42.3	142.138
129	129	862	SLU_ENV	Max	16.31	0.	0.
129	129	877	SLU_ENV	Max	16.31	0.	0.
129	129	110	SLU_ENV	Max	16.31	0.	0.
129	129	83	SLU_ENV	Max	16.31	0.	0.
129	129	862	SLU_ENV	Min	-17.38	0.	0.
129	129	877	SLU_ENV	Min	-17.38	0.	0.
129	129	110	SLU_ENV	Min	-17.38	0.	0.
129	129	83	SLU_ENV	Min	-17.38	0.	0.
129	129	862	SLV_Ex		29.39	64.36	152.828
129	129	877	SLV_Ex		29.39	64.36	152.828

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
129	129	110	SLV_Ex		29.39	64.36	152.828
129	129	83	SLV_Ex		29.39	64.36	152.828
130	130	415	SLU_ENV	Max	19.99	0.	0.
130	130	433	SLU_ENV	Max	19.99	0.	0.
130	130	878	SLU_ENV	Max	19.99	0.	0.
130	130	863	SLU_ENV	Max	19.99	0.	0.
130	130	415	SLU_ENV	Min	-13.09	0.	0.
130	130	433	SLU_ENV	Min	-13.09	0.	0.
130	130	878	SLU_ENV	Min	-13.09	0.	0.
130	130	863	SLU_ENV	Min	-13.09	0.	0.
130	130	415	SLV_Ex		-1.31	263.73	-0.284
130	130	433	SLV_Ex		-1.31	263.73	-0.284
130	130	878	SLV_Ex		-1.31	263.73	-0.284
130	130	863	SLV_Ex		-1.31	263.73	-0.284
131	131	863	SLU_ENV	Max	14.41	0.	0.
131	131	878	SLU_ENV	Max	14.41	0.	0.
131	131	879	SLU_ENV	Max	14.41	0.	0.
131	131	864	SLU_ENV	Max	14.41	0.	0.
131	131	863	SLU_ENV	Min	-6.51	0.	0.
131	131	878	SLU_ENV	Min	-6.51	0.	0.
131	131	879	SLU_ENV	Min	-6.51	0.	0.
131	131	864	SLU_ENV	Min	-6.51	0.	0.
131	131	863	SLV_Ex		-5.93	245.18	-1.385
131	131	878	SLV_Ex		-5.93	245.18	-1.385
131	131	879	SLV_Ex		-5.93	245.18	-1.385
131	131	864	SLV_Ex		-5.93	245.18	-1.385
132	132	864	SLU_ENV	Max	10.43	0.	0.
132	132	879	SLU_ENV	Max	10.43	0.	0.
132	132	880	SLU_ENV	Max	10.43	0.	0.
132	132	865	SLU_ENV	Max	10.43	0.	0.
132	132	864	SLU_ENV	Min	1.24	0.	0.
132	132	879	SLU_ENV	Min	1.24	0.	0.
132	132	880	SLU_ENV	Min	1.24	0.	0.
132	132	865	SLU_ENV	Min	1.24	0.	0.
132	132	864	SLV_Ex		-7.29	226.73	-1.842
132	132	879	SLV_Ex		-7.29	226.73	-1.842
132	132	880	SLV_Ex		-7.29	226.73	-1.842
132	132	865	SLV_Ex		-7.29	226.73	-1.842
133	133	865	SLU_ENV	Max	11.51	0.	0.
133	133	880	SLU_ENV	Max	11.51	0.	0.
133	133	881	SLU_ENV	Max	11.51	0.	0.
133	133	866	SLU_ENV	Max	11.51	0.	0.
133	133	865	SLU_ENV	Min	4.43	0.	0.
133	133	880	SLU_ENV	Min	4.43	0.	0.
133	133	881	SLU_ENV	Min	4.43	0.	0.
133	133	866	SLU_ENV	Min	4.43	0.	0.
133	133	865	SLV_Ex		-8.	209.54	-2.188
133	133	880	SLV_Ex		-8.	209.54	-2.188
133	133	881	SLV_Ex		-8.	209.54	-2.188
133	133	866	SLV_Ex		-8.	209.54	-2.188
134	134	866	SLU_ENV	Max	19.52	0.	0.
134	134	881	SLU_ENV	Max	19.52	0.	0.
134	134	882	SLU_ENV	Max	19.52	0.	0.
134	134	867	SLU_ENV	Max	19.52	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
134	134	866	SLU_ENV	Min	3.02	0.	0.
134	134	881	SLU_ENV	Min	3.02	0.	0.
134	134	882	SLU_ENV	Min	3.02	0.	0.
134	134	867	SLU_ENV	Min	3.02	0.	0.
134	134	866	SLV_Ex		-7.3	189.81	-2.204
134	134	881	SLV_Ex		-7.3	189.81	-2.204
134	134	882	SLV_Ex		-7.3	189.81	-2.204
134	134	867	SLV_Ex		-7.3	189.81	-2.204
135	135	867	SLU_ENV	Max	29.27	0.	0.
135	135	882	SLU_ENV	Max	29.27	0.	0.
135	135	883	SLU_ENV	Max	29.27	0.	0.
135	135	868	SLU_ENV	Max	29.27	0.	0.
135	135	867	SLU_ENV	Min	2.07	0.	0.
135	135	882	SLU_ENV	Min	2.07	0.	0.
135	135	883	SLU_ENV	Min	2.07	0.	0.
135	135	868	SLU_ENV	Min	2.07	0.	0.
135	135	867	SLV_Ex		-5.12	170.3	-1.724
135	135	882	SLV_Ex		-5.12	170.3	-1.724
135	135	883	SLV_Ex		-5.12	170.3	-1.724
135	135	868	SLV_Ex		-5.12	170.3	-1.724
136	136	868	SLU_ENV	Max	46.51	0.	0.
136	136	883	SLU_ENV	Max	46.51	0.	0.
136	136	884	SLU_ENV	Max	46.51	0.	0.
136	136	869	SLU_ENV	Max	46.51	0.	0.
136	136	868	SLU_ENV	Min	1.47	0.	0.
136	136	883	SLU_ENV	Min	1.47	0.	0.
136	136	884	SLU_ENV	Min	1.47	0.	0.
136	136	869	SLU_ENV	Min	1.47	0.	0.
136	136	868	SLV_Ex		-3.42	148.8	-1.316
136	136	883	SLV_Ex		-3.42	148.8	-1.316
136	136	884	SLV_Ex		-3.42	148.8	-1.316
136	136	869	SLV_Ex		-3.42	148.8	-1.316
137	137	869	SLU_ENV	Max	52.4	0.	0.
137	137	884	SLU_ENV	Max	52.4	0.	0.
137	137	885	SLU_ENV	Max	52.4	0.	0.
137	137	870	SLU_ENV	Max	52.4	0.	0.
137	137	869	SLU_ENV	Min	1.22	0.	0.
137	137	884	SLU_ENV	Min	1.22	0.	0.
137	137	885	SLU_ENV	Min	1.22	0.	0.
137	137	870	SLU_ENV	Min	1.22	0.	0.
137	137	869	SLV_Ex		-4.046E-02	127.26	-0.018
137	137	884	SLV_Ex		-4.046E-02	127.26	-0.018
137	137	885	SLV_Ex		-4.046E-02	127.26	-0.018
137	137	870	SLV_Ex		-4.046E-02	127.26	-0.018
138	138	870	SLU_ENV	Max	52.39	0.	0.
138	138	885	SLU_ENV	Max	52.39	0.	0.
138	138	886	SLU_ENV	Max	52.39	0.	0.
138	138	871	SLU_ENV	Max	52.39	0.	0.
138	138	870	SLU_ENV	Min	1.22	0.	0.
138	138	885	SLU_ENV	Min	1.22	0.	0.
138	138	886	SLU_ENV	Min	1.22	0.	0.
138	138	871	SLU_ENV	Min	1.22	0.	0.
138	138	870	SLV_Ex		2.28	104.89	1.245
138	138	885	SLV_Ex		2.28	104.89	1.245



Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
138	138	886	SLV_Ex		2.28	104.89	1.245
138	138	871	SLV_Ex		2.28	104.89	1.245
139	139	871	SLU_ENV	Max	46.48	0.	0.
139	139	886	SLU_ENV	Max	46.48	0.	0.
139	139	887	SLU_ENV	Max	46.48	0.	0.
139	139	872	SLU_ENV	Max	46.48	0.	0.
139	139	871	SLU_ENV	Min	1.46	0.	0.
139	139	886	SLU_ENV	Min	1.46	0.	0.
139	139	887	SLU_ENV	Min	1.46	0.	0.
139	139	872	SLU_ENV	Min	1.46	0.	0.
139	139	871	SLV_Ex		6.24	82.23	4.353
139	139	886	SLV_Ex		6.24	82.23	4.353
139	139	887	SLV_Ex		6.24	82.23	4.353
139	139	872	SLV_Ex		6.24	82.23	4.353
140	140	872	SLU_ENV	Max	29.23	0.	0.
140	140	887	SLU_ENV	Max	29.23	0.	0.
140	140	888	SLU_ENV	Max	29.23	0.	0.
140	140	873	SLU_ENV	Max	29.23	0.	0.
140	140	872	SLU_ENV	Min	2.04	0.	0.
140	140	887	SLU_ENV	Min	2.04	0.	0.
140	140	888	SLU_ENV	Min	2.04	0.	0.
140	140	873	SLU_ENV	Min	2.04	0.	0.
140	140	872	SLV_Ex		9.31	59.81	8.958
140	140	887	SLV_Ex		9.31	59.81	8.958
140	140	888	SLV_Ex		9.31	59.81	8.958
140	140	873	SLV_Ex		9.31	59.81	8.958
141	141	873	SLU_ENV	Max	19.51	0.	0.
141	141	888	SLU_ENV	Max	19.51	0.	0.
141	141	889	SLU_ENV	Max	19.51	0.	0.
141	141	874	SLU_ENV	Max	19.51	0.	0.
141	141	873	SLU_ENV	Min	3.01	0.	0.
141	141	888	SLU_ENV	Min	3.01	0.	0.
141	141	889	SLU_ENV	Min	3.01	0.	0.
141	141	874	SLU_ENV	Min	3.01	0.	0.
141	141	873	SLV_Ex		13.66	37.69	21.251
141	141	888	SLV_Ex		13.66	37.69	21.251
141	141	889	SLV_Ex		13.66	37.69	21.251
141	141	874	SLV_Ex		13.66	37.69	21.251
142	142	874	SLU_ENV	Max	11.57	0.	0.
142	142	889	SLU_ENV	Max	11.57	0.	0.
142	142	890	SLU_ENV	Max	11.57	0.	0.
142	142	875	SLU_ENV	Max	11.57	0.	0.
142	142	874	SLU_ENV	Min	4.47	0.	0.
142	142	889	SLU_ENV	Min	4.47	0.	0.
142	142	890	SLU_ENV	Min	4.47	0.	0.
142	142	875	SLU_ENV	Min	4.47	0.	0.
142	142	874	SLV_Ex		17.58	21.2	56.022
142	142	889	SLV_Ex		17.58	21.2	56.022
142	142	890	SLV_Ex		17.58	21.2	56.022
142	142	875	SLV_Ex		17.58	21.2	56.022
143	143	875	SLU_ENV	Max	10.59	0.	0.
143	143	890	SLU_ENV	Max	10.59	0.	0.
143	143	891	SLU_ENV	Max	10.59	0.	0.
143	143	876	SLU_ENV	Max	10.59	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
143	143	875	SLU_ENV	Min	1.39	0.	0.
143	143	890	SLU_ENV	Min	1.39	0.	0.
143	143	891	SLU_ENV	Min	1.39	0.	0.
143	143	876	SLU_ENV	Min	1.39	0.	0.
143	143	875	SLV_Ex		21.57	25.07	120.607
143	143	890	SLV_Ex		21.57	25.07	120.607
143	143	891	SLV_Ex		21.57	25.07	120.607
143	143	876	SLV_Ex		21.57	25.07	120.607
144	144	876	SLU_ENV	Max	14.77	0.	0.
144	144	891	SLU_ENV	Max	14.77	0.	0.
144	144	892	SLU_ENV	Max	14.77	0.	0.
144	144	877	SLU_ENV	Max	14.77	0.	0.
144	144	876	SLU_ENV	Min	-6.17	0.	0.
144	144	891	SLU_ENV	Min	-6.17	0.	0.
144	144	892	SLU_ENV	Min	-6.17	0.	0.
144	144	877	SLU_ENV	Min	-6.17	0.	0.
144	144	876	SLV_Ex		25.81	44.33	144.401
144	144	891	SLV_Ex		25.81	44.33	144.401
144	144	892	SLV_Ex		25.81	44.33	144.401
144	144	877	SLV_Ex		25.81	44.33	144.401
145	145	877	SLU_ENV	Max	20.62	0.	0.
145	145	892	SLU_ENV	Max	20.62	0.	0.
145	145	163	SLU_ENV	Max	20.62	0.	0.
145	145	110	SLU_ENV	Max	20.62	0.	0.
145	145	877	SLU_ENV	Min	-12.49	0.	0.
145	145	892	SLU_ENV	Min	-12.49	0.	0.
145	145	163	SLU_ENV	Min	-12.49	0.	0.
145	145	110	SLU_ENV	Min	-12.49	0.	0.
145	145	877	SLV_Ex		28.67	66.17	154.32
145	145	892	SLV_Ex		28.67	66.17	154.32
145	145	163	SLV_Ex		28.67	66.17	154.32
145	145	110	SLV_Ex		28.67	66.17	154.32
146	146	433	SLU_ENV	Max	23.	0.	0.
146	146	451	SLU_ENV	Max	23.	0.	0.
146	146	893	SLU_ENV	Max	23.	0.	0.
146	146	878	SLU_ENV	Max	23.	0.	0.
146	146	433	SLU_ENV	Min	-9.31	0.	0.
146	146	451	SLU_ENV	Min	-9.31	0.	0.
146	146	893	SLU_ENV	Min	-9.31	0.	0.
146	146	878	SLU_ENV	Min	-9.31	0.	0.
146	146	433	SLV_Ex		0.59	268.07	0.126
146	146	451	SLV_Ex		0.59	268.07	0.126
146	146	893	SLV_Ex		0.59	268.07	0.126
146	146	878	SLV_Ex		0.59	268.07	0.126
147	147	878	SLU_ENV	Max	18.58	0.	0.
147	147	893	SLU_ENV	Max	18.58	0.	0.
147	147	894	SLU_ENV	Max	18.58	0.	0.
147	147	879	SLU_ENV	Max	18.58	0.	0.
147	147	878	SLU_ENV	Min	-1.87	0.	0.
147	147	893	SLU_ENV	Min	-1.87	0.	0.
147	147	894	SLU_ENV	Min	-1.87	0.	0.
147	147	879	SLU_ENV	Min	-1.87	0.	0.
147	147	878	SLV_Ex		-0.41	247.84	-0.094
147	147	893	SLV_Ex		-0.41	247.84	-0.094

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
147	147	894	SLV_Ex		-0.41	247.84	-0.094
147	147	879	SLV_Ex		-0.41	247.84	-0.094
148	148	879	SLU_ENV	Max	13.77	0.	0.
148	148	894	SLU_ENV	Max	13.77	0.	0.
148	148	895	SLU_ENV	Max	13.77	0.	0.
148	148	880	SLU_ENV	Max	13.77	0.	0.
148	148	879	SLU_ENV	Min	4.47	0.	0.
148	148	894	SLU_ENV	Min	4.47	0.	0.
148	148	895	SLU_ENV	Min	4.47	0.	0.
148	148	880	SLU_ENV	Min	4.47	0.	0.
148	148	879	SLV_Ex		-2.49	228.95	-0.623
148	148	894	SLV_Ex		-2.49	228.95	-0.623
148	148	895	SLV_Ex		-2.49	228.95	-0.623
148	148	880	SLV_Ex		-2.49	228.95	-0.623
149	149	880	SLU_ENV	Max	14.82	0.	0.
149	149	895	SLU_ENV	Max	14.82	0.	0.
149	149	896	SLU_ENV	Max	14.82	0.	0.
149	149	881	SLU_ENV	Max	14.82	0.	0.
149	149	880	SLU_ENV	Min	6.39	0.	0.
149	149	895	SLU_ENV	Min	6.39	0.	0.
149	149	896	SLU_ENV	Min	6.39	0.	0.
149	149	881	SLU_ENV	Min	6.39	0.	0.
149	149	880	SLV_Ex		-3.34	209.31	-0.914
149	149	895	SLV_Ex		-3.34	209.31	-0.914
149	149	896	SLV_Ex		-3.34	209.31	-0.914
149	149	881	SLV_Ex		-3.34	209.31	-0.914
150	150	881	SLU_ENV	Max	20.59	0.	0.
150	150	896	SLU_ENV	Max	20.59	0.	0.
150	150	897	SLU_ENV	Max	20.59	0.	0.
150	150	882	SLU_ENV	Max	20.59	0.	0.
150	150	881	SLU_ENV	Min	4.46	0.	0.
150	150	896	SLU_ENV	Min	4.46	0.	0.
150	150	897	SLU_ENV	Min	4.46	0.	0.
150	150	882	SLU_ENV	Min	4.46	0.	0.
150	150	881	SLV_Ex		-3.37	189.69	-1.019
150	150	896	SLV_Ex		-3.37	189.69	-1.019
150	150	897	SLV_Ex		-3.37	189.69	-1.019
150	150	882	SLV_Ex		-3.37	189.69	-1.019
151	151	882	SLU_ENV	Max	27.65	0.	0.
151	151	897	SLU_ENV	Max	27.65	0.	0.
151	151	898	SLU_ENV	Max	27.65	0.	0.
151	151	883	SLU_ENV	Max	27.65	0.	0.
151	151	882	SLU_ENV	Min	3.15	0.	0.
151	151	897	SLU_ENV	Min	3.15	0.	0.
151	151	898	SLU_ENV	Min	3.15	0.	0.
151	151	883	SLU_ENV	Min	3.15	0.	0.
151	151	882	SLV_Ex		-2.98	168.31	-1.013
151	151	897	SLV_Ex		-2.98	168.31	-1.013
151	151	898	SLV_Ex		-2.98	168.31	-1.013
151	151	883	SLV_Ex		-2.98	168.31	-1.013
152	152	883	SLU_ENV	Max	34.6	0.	0.
152	152	898	SLU_ENV	Max	34.6	0.	0.
152	152	899	SLU_ENV	Max	34.6	0.	0.
152	152	884	SLU_ENV	Max	34.6	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
152	152	883	SLU_ENV	Min	2.38	0.	0.
152	152	898	SLU_ENV	Min	2.38	0.	0.
152	152	899	SLU_ENV	Min	2.38	0.	0.
152	152	884	SLU_ENV	Min	2.38	0.	0.
152	152	883	SLV_Ex		-1.01	147.07	-0.393
152	152	898	SLV_Ex		-1.01	147.07	-0.393
152	152	899	SLV_Ex		-1.01	147.07	-0.393
152	152	884	SLV_Ex		-1.01	147.07	-0.393
153	153	884	SLU_ENV	Max	38.75	0.	0.
153	153	899	SLU_ENV	Max	38.75	0.	0.
153	153	900	SLU_ENV	Max	38.75	0.	0.
153	153	885	SLU_ENV	Max	38.75	0.	0.
153	153	884	SLU_ENV	Min	2.	0.	0.
153	153	899	SLU_ENV	Min	2.	0.	0.
153	153	900	SLU_ENV	Min	2.	0.	0.
153	153	885	SLU_ENV	Min	2.	0.	0.
153	153	884	SLV_Ex		0.51	124.64	0.235
153	153	899	SLV_Ex		0.51	124.64	0.235
153	153	900	SLV_Ex		0.51	124.64	0.235
153	153	885	SLV_Ex		0.51	124.64	0.235
154	154	885	SLU_ENV	Max	38.75	0.	0.
154	154	900	SLU_ENV	Max	38.75	0.	0.
154	154	901	SLU_ENV	Max	38.75	0.	0.
154	154	886	SLU_ENV	Max	38.75	0.	0.
154	154	885	SLU_ENV	Min	2.	0.	0.
154	154	900	SLU_ENV	Min	2.	0.	0.
154	154	901	SLU_ENV	Min	2.	0.	0.
154	154	886	SLU_ENV	Min	2.	0.	0.
154	154	885	SLV_Ex		3.48	102.07	1.957
154	154	900	SLV_Ex		3.48	102.07	1.957
154	154	901	SLV_Ex		3.48	102.07	1.957
154	154	886	SLV_Ex		3.48	102.07	1.957
155	155	886	SLU_ENV	Max	34.61	0.	0.
155	155	901	SLU_ENV	Max	34.61	0.	0.
155	155	902	SLU_ENV	Max	34.61	0.	0.
155	155	887	SLU_ENV	Max	34.61	0.	0.
155	155	886	SLU_ENV	Min	2.38	0.	0.
155	155	901	SLU_ENV	Min	2.38	0.	0.
155	155	902	SLU_ENV	Min	2.38	0.	0.
155	155	887	SLU_ENV	Min	2.38	0.	0.
155	155	886	SLV_Ex		5.85	79.11	4.239
155	155	901	SLV_Ex		5.85	79.11	4.239
155	155	902	SLV_Ex		5.85	79.11	4.239
155	155	887	SLV_Ex		5.85	79.11	4.239
156	156	887	SLU_ENV	Max	27.67	0.	0.
156	156	902	SLU_ENV	Max	27.67	0.	0.
156	156	903	SLU_ENV	Max	27.67	0.	0.
156	156	888	SLU_ENV	Max	27.67	0.	0.
156	156	887	SLU_ENV	Min	3.17	0.	0.
156	156	902	SLU_ENV	Min	3.17	0.	0.
156	156	903	SLU_ENV	Min	3.17	0.	0.
156	156	888	SLU_ENV	Min	3.17	0.	0.
156	156	887	SLV_Ex		9.51	55.95	9.789
156	156	902	SLV_Ex		9.51	55.95	9.789

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
156	156	903	SLV_Ex		9.51	55.95	9.789
156	156	888	SLV_Ex		9.51	55.95	9.789
157	157	888	SLU_ENV	Max	20.66	0.	0.
157	157	903	SLU_ENV	Max	20.66	0.	0.
157	157	904	SLU_ENV	Max	20.66	0.	0.
157	157	889	SLU_ENV	Max	20.66	0.	0.
157	157	888	SLU_ENV	Min	4.5	0.	0.
157	157	903	SLU_ENV	Min	4.5	0.	0.
157	157	904	SLU_ENV	Min	4.5	0.	0.
157	157	889	SLU_ENV	Min	4.5	0.	0.
157	157	888	SLV_Ex		12.82	34.08	22.087
157	157	903	SLV_Ex		12.82	34.08	22.087
157	157	904	SLV_Ex		12.82	34.08	22.087
157	157	889	SLV_Ex		12.82	34.08	22.087
158	158	889	SLU_ENV	Max	14.99	0.	0.
158	158	904	SLU_ENV	Max	14.99	0.	0.
158	158	905	SLU_ENV	Max	14.99	0.	0.
158	158	890	SLU_ENV	Max	14.99	0.	0.
158	158	889	SLU_ENV	Min	6.49	0.	0.
158	158	904	SLU_ENV	Min	6.49	0.	0.
158	158	905	SLU_ENV	Min	6.49	0.	0.
158	158	890	SLU_ENV	Min	6.49	0.	0.
158	158	889	SLV_Ex		16.93	18.4	66.918
158	158	904	SLV_Ex		16.93	18.4	66.918
158	158	905	SLV_Ex		16.93	18.4	66.918
158	158	890	SLV_Ex		16.93	18.4	66.918
159	159	890	SLU_ENV	Max	14.01	0.	0.
159	159	905	SLU_ENV	Max	14.01	0.	0.
159	159	906	SLU_ENV	Max	14.01	0.	0.
159	159	891	SLU_ENV	Max	14.01	0.	0.
159	159	890	SLU_ENV	Min	4.7	0.	0.
159	159	905	SLU_ENV	Min	4.7	0.	0.
159	159	906	SLU_ENV	Min	4.7	0.	0.
159	159	891	SLU_ENV	Min	4.7	0.	0.
159	159	890	SLV_Ex		21.25	26.83	127.612
159	159	905	SLV_Ex		21.25	26.83	127.612
159	159	906	SLV_Ex		21.25	26.83	127.612
159	159	891	SLV_Ex		21.25	26.83	127.612
160	160	891	SLU_ENV	Max	18.98	0.	0.
160	160	906	SLU_ENV	Max	18.98	0.	0.
160	160	907	SLU_ENV	Max	18.98	0.	0.
160	160	892	SLU_ENV	Max	18.98	0.	0.
160	160	891	SLU_ENV	Min	-1.48	0.	0.
160	160	906	SLU_ENV	Min	-1.48	0.	0.
160	160	907	SLU_ENV	Min	-1.48	0.	0.
160	160	892	SLU_ENV	Min	-1.48	0.	0.
160	160	891	SLV_Ex		25.43	47.39	147.544
160	160	906	SLV_Ex		25.43	47.39	147.544
160	160	907	SLV_Ex		25.43	47.39	147.544
160	160	892	SLV_Ex		25.43	47.39	147.544
161	161	892	SLU_ENV	Max	23.62	0.	0.
161	161	907	SLU_ENV	Max	23.62	0.	0.
161	161	190	SLU_ENV	Max	23.62	0.	0.
161	161	163	SLU_ENV	Max	23.62	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
161	161	892	SLU_ENV	Min	-8.71	0.	0.
161	161	907	SLU_ENV	Min	-8.71	0.	0.
161	161	190	SLU_ENV	Min	-8.71	0.	0.
161	161	163	SLU_ENV	Min	-8.71	0.	0.
161	161	892	SLV_Ex		30.19	69.13	154.101
161	161	907	SLV_Ex		30.19	69.13	154.101
161	161	190	SLV_Ex		30.19	69.13	154.101
161	161	163	SLV_Ex		30.19	69.13	154.101
162	162	451	SLU_ENV	Max	27.08	0.	0.
162	162	469	SLU_ENV	Max	27.08	0.	0.
162	162	908	SLU_ENV	Max	27.08	0.	0.
162	162	893	SLU_ENV	Max	27.08	0.	0.
162	162	451	SLU_ENV	Min	-5.93	0.	0.
162	162	469	SLU_ENV	Min	-5.93	0.	0.
162	162	908	SLU_ENV	Min	-5.93	0.	0.
162	162	893	SLU_ENV	Min	-5.93	0.	0.
162	162	451	SLV_Ex		3.38	269.59	0.718
162	162	469	SLV_Ex		3.38	269.59	0.718
162	162	908	SLV_Ex		3.38	269.59	0.718
162	162	893	SLV_Ex		3.38	269.59	0.718
163	163	893	SLU_ENV	Max	22.03	0.	0.
163	163	908	SLU_ENV	Max	22.03	0.	0.
163	163	909	SLU_ENV	Max	22.03	0.	0.
163	163	894	SLU_ENV	Max	22.03	0.	0.
163	163	893	SLU_ENV	Min	0.75	0.	0.
163	163	908	SLU_ENV	Min	0.75	0.	0.
163	163	909	SLU_ENV	Min	0.75	0.	0.
163	163	894	SLU_ENV	Min	0.75	0.	0.
163	163	893	SLV_Ex		3.19	249.96	0.732
163	163	908	SLV_Ex		3.19	249.96	0.732
163	163	909	SLV_Ex		3.19	249.96	0.732
163	163	894	SLV_Ex		3.19	249.96	0.732
164	164	894	SLU_ENV	Max	16.78	0.	0.
164	164	909	SLU_ENV	Max	16.78	0.	0.
164	164	910	SLU_ENV	Max	16.78	0.	0.
164	164	895	SLU_ENV	Max	16.78	0.	0.
164	164	894	SLU_ENV	Min	6.28	0.	0.
164	164	909	SLU_ENV	Min	6.28	0.	0.
164	164	910	SLU_ENV	Min	6.28	0.	0.
164	164	895	SLU_ENV	Min	6.28	0.	0.
164	164	894	SLV_Ex		2.12	231.38	0.526
164	164	909	SLV_Ex		2.12	231.38	0.526
164	164	910	SLV_Ex		2.12	231.38	0.526
164	164	895	SLV_Ex		2.12	231.38	0.526
165	165	895	SLU_ENV	Max	15.09	0.	0.
165	165	910	SLU_ENV	Max	15.09	0.	0.
165	165	911	SLU_ENV	Max	15.09	0.	0.
165	165	896	SLU_ENV	Max	15.09	0.	0.
165	165	895	SLU_ENV	Min	7.53	0.	0.
165	165	910	SLU_ENV	Min	7.53	0.	0.
165	165	911	SLU_ENV	Min	7.53	0.	0.
165	165	896	SLU_ENV	Min	7.53	0.	0.
165	165	895	SLV_Ex		0.13	211.11	0.034
165	165	910	SLV_Ex		0.13	211.11	0.034

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
165	165	911	SLV_Ex		0.13	211.11	0.034
165	165	896	SLV_Ex		0.13	211.11	0.034
166	166	896	SLU_ENV	Max	18.54	0.	0.
166	166	911	SLU_ENV	Max	18.54	0.	0.
166	166	912	SLU_ENV	Max	18.54	0.	0.
166	166	897	SLU_ENV	Max	18.54	0.	0.
166	166	896	SLU_ENV	Min	5.18	0.	0.
166	166	911	SLU_ENV	Min	5.18	0.	0.
166	166	912	SLU_ENV	Min	5.18	0.	0.
166	166	897	SLU_ENV	Min	5.18	0.	0.
166	166	896	SLV_Ex		-1.19	189.49	-0.36
166	166	911	SLV_Ex		-1.19	189.49	-0.36
166	166	912	SLV_Ex		-1.19	189.49	-0.36
166	166	897	SLV_Ex		-1.19	189.49	-0.36
167	167	897	SLU_ENV	Max	22.54	0.	0.
167	167	912	SLU_ENV	Max	22.54	0.	0.
167	167	913	SLU_ENV	Max	22.54	0.	0.
167	167	898	SLU_ENV	Max	22.54	0.	0.
167	167	897	SLU_ENV	Min	3.68	0.	0.
167	167	912	SLU_ENV	Min	3.68	0.	0.
167	167	913	SLU_ENV	Min	3.68	0.	0.
167	167	898	SLU_ENV	Min	3.68	0.	0.
167	167	897	SLV_Ex		-0.73	168.13	-0.247
167	167	912	SLV_Ex		-0.73	168.13	-0.247
167	167	913	SLV_Ex		-0.73	168.13	-0.247
167	167	898	SLV_Ex		-0.73	168.13	-0.247
168	168	898	SLU_ENV	Max	26.13	0.	0.
168	168	913	SLU_ENV	Max	26.13	0.	0.
168	168	914	SLU_ENV	Max	26.13	0.	0.
168	168	899	SLU_ENV	Max	26.13	0.	0.
168	168	898	SLU_ENV	Min	2.76	0.	0.
168	168	913	SLU_ENV	Min	2.76	0.	0.
168	168	914	SLU_ENV	Min	2.76	0.	0.
168	168	899	SLU_ENV	Min	2.76	0.	0.
168	168	898	SLV_Ex		-0.23	145.57	-0.089
168	168	913	SLV_Ex		-0.23	145.57	-0.089
168	168	914	SLV_Ex		-0.23	145.57	-0.089
168	168	899	SLV_Ex		-0.23	145.57	-0.089
169	169	899	SLU_ENV	Max	28.35	0.	0.
169	169	914	SLU_ENV	Max	28.35	0.	0.
169	169	915	SLU_ENV	Max	28.35	0.	0.
169	169	900	SLU_ENV	Max	28.35	0.	0.
169	169	899	SLU_ENV	Min	2.35	0.	0.
169	169	914	SLU_ENV	Min	2.35	0.	0.
169	169	915	SLU_ENV	Min	2.35	0.	0.
169	169	900	SLU_ENV	Min	2.35	0.	0.
169	169	899	SLV_Ex		1.62	123.08	0.756
169	169	914	SLV_Ex		1.62	123.08	0.756
169	169	915	SLV_Ex		1.62	123.08	0.756
169	169	900	SLV_Ex		1.62	123.08	0.756
170	170	900	SLU_ENV	Max	28.35	0.	0.
170	170	915	SLU_ENV	Max	28.35	0.	0.
170	170	916	SLU_ENV	Max	28.35	0.	0.
170	170	901	SLU_ENV	Max	28.35	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
170	170	900	SLU_ENV	Min	2.36	0.	0.
170	170	915	SLU_ENV	Min	2.36	0.	0.
170	170	916	SLU_ENV	Min	2.36	0.	0.
170	170	901	SLU_ENV	Min	2.36	0.	0.
170	170	900	SLV_Ex		3.18	99.84	1.825
170	170	915	SLV_Ex		3.18	99.84	1.825
170	170	916	SLV_Ex		3.18	99.84	1.825
170	170	901	SLV_Ex		3.18	99.84	1.825
171	171	901	SLU_ENV	Max	26.16	0.	0.
171	171	916	SLU_ENV	Max	26.16	0.	0.
171	171	917	SLU_ENV	Max	26.16	0.	0.
171	171	902	SLU_ENV	Max	26.16	0.	0.
171	171	901	SLU_ENV	Min	2.78	0.	0.
171	171	916	SLU_ENV	Min	2.78	0.	0.
171	171	917	SLU_ENV	Min	2.78	0.	0.
171	171	902	SLU_ENV	Min	2.78	0.	0.
171	171	901	SLV_Ex		5.91	76.34	4.44
171	171	916	SLV_Ex		5.91	76.34	4.44
171	171	917	SLV_Ex		5.91	76.34	4.44
171	171	902	SLV_Ex		5.91	76.34	4.44
172	172	902	SLU_ENV	Max	22.59	0.	0.
172	172	917	SLU_ENV	Max	22.59	0.	0.
172	172	918	SLU_ENV	Max	22.59	0.	0.
172	172	903	SLU_ENV	Max	22.59	0.	0.
172	172	902	SLU_ENV	Min	3.71	0.	0.
172	172	917	SLU_ENV	Min	3.71	0.	0.
172	172	918	SLU_ENV	Min	3.71	0.	0.
172	172	903	SLU_ENV	Min	3.71	0.	0.
172	172	902	SLV_Ex		8.43	52.85	9.182
172	172	917	SLV_Ex		8.43	52.85	9.182
172	172	918	SLV_Ex		8.43	52.85	9.182
172	172	903	SLV_Ex		8.43	52.85	9.182
173	173	903	SLU_ENV	Max	18.65	0.	0.
173	173	918	SLU_ENV	Max	18.65	0.	0.
173	173	919	SLU_ENV	Max	18.65	0.	0.
173	173	904	SLU_ENV	Max	18.65	0.	0.
173	173	903	SLU_ENV	Min	5.25	0.	0.
173	173	918	SLU_ENV	Min	5.25	0.	0.
173	173	919	SLU_ENV	Min	5.25	0.	0.
173	173	904	SLU_ENV	Min	5.25	0.	0.
173	173	903	SLV_Ex		12.09	30.07	23.715
173	173	918	SLV_Ex		12.09	30.07	23.715
173	173	919	SLV_Ex		12.09	30.07	23.715
173	173	904	SLV_Ex		12.09	30.07	23.715
174	174	904	SLU_ENV	Max	15.28	0.	0.
174	174	919	SLU_ENV	Max	15.28	0.	0.
174	174	920	SLU_ENV	Max	15.28	0.	0.
174	174	905	SLU_ENV	Max	15.28	0.	0.
174	174	904	SLU_ENV	Min	7.65	0.	0.
174	174	919	SLU_ENV	Min	7.65	0.	0.
174	174	920	SLU_ENV	Min	7.65	0.	0.
174	174	905	SLU_ENV	Min	7.65	0.	0.
174	174	904	SLV_Ex		15.9	16.23	78.413
174	174	919	SLV_Ex		15.9	16.23	78.413



Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
174	174	920	SLV_Ex		15.9	16.23	78.413
174	174	905	SLV_Ex		15.9	16.23	78.413
175	175	905	SLU_ENV	Max	17.04	0.	0.
175	175	920	SLU_ENV	Max	17.04	0.	0.
175	175	921	SLU_ENV	Max	17.04	0.	0.
175	175	906	SLU_ENV	Max	17.04	0.	0.
175	175	905	SLU_ENV	Min	6.53	0.	0.
175	175	920	SLU_ENV	Min	6.53	0.	0.
175	175	921	SLU_ENV	Min	6.53	0.	0.
175	175	906	SLU_ENV	Min	6.53	0.	0.
175	175	905	SLV_Ex		20.61	29.51	135.71
175	175	920	SLV_Ex		20.61	29.51	135.71
175	175	921	SLV_Ex		20.61	29.51	135.71
175	175	906	SLV_Ex		20.61	29.51	135.71
176	176	906	SLU_ENV	Max	22.42	0.	0.
176	176	921	SLU_ENV	Max	22.42	0.	0.
176	176	922	SLU_ENV	Max	22.42	0.	0.
176	176	907	SLU_ENV	Max	22.42	0.	0.
176	176	906	SLU_ENV	Min	1.13	0.	0.
176	176	921	SLU_ENV	Min	1.13	0.	0.
176	176	922	SLU_ENV	Min	1.13	0.	0.
176	176	907	SLU_ENV	Min	1.13	0.	0.
176	176	906	SLV_Ex		26.43	51.88	149.378
176	176	921	SLV_Ex		26.43	51.88	149.378
176	176	922	SLV_Ex		26.43	51.88	149.378
176	176	907	SLV_Ex		26.43	51.88	149.378
177	177	907	SLU_ENV	Max	27.65	0.	0.
177	177	922	SLU_ENV	Max	27.65	0.	0.
177	177	217	SLU_ENV	Max	27.65	0.	0.
177	177	190	SLU_ENV	Max	27.65	0.	0.
177	177	907	SLU_ENV	Min	-5.38	0.	0.
177	177	922	SLU_ENV	Min	-5.38	0.	0.
177	177	217	SLU_ENV	Min	-5.38	0.	0.
177	177	190	SLU_ENV	Min	-5.38	0.	0.
177	177	907	SLV_Ex		32.35	73.76	153.983
177	177	922	SLV_Ex		32.35	73.76	153.983
177	177	217	SLV_Ex		32.35	73.76	153.983
177	177	190	SLV_Ex		32.35	73.76	153.983
178	178	469	SLU_ENV	Max	33.26	0.	0.
178	178	487	SLU_ENV	Max	33.26	0.	0.
178	178	923	SLU_ENV	Max	33.26	0.	0.
178	178	908	SLU_ENV	Max	33.26	0.	0.
178	178	469	SLU_ENV	Min	-1.88	0.	0.
178	178	487	SLU_ENV	Min	-1.88	0.	0.
178	178	923	SLU_ENV	Min	-1.88	0.	0.
178	178	908	SLU_ENV	Min	-1.88	0.	0.
178	178	469	SLV_Ex		8.1	267.31	1.737
178	178	487	SLV_Ex		8.1	267.31	1.737
178	178	923	SLV_Ex		8.1	267.31	1.737
178	178	908	SLV_Ex		8.1	267.31	1.737
179	179	908	SLU_ENV	Max	27.07	0.	0.
179	179	923	SLU_ENV	Max	27.07	0.	0.
179	179	924	SLU_ENV	Max	27.07	0.	0.
179	179	909	SLU_ENV	Max	27.07	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
179	179	908	SLU_ENV	Min	4.01	0.	0.
179	179	923	SLU_ENV	Min	4.01	0.	0.
179	179	924	SLU_ENV	Min	4.01	0.	0.
179	179	909	SLU_ENV	Min	4.01	0.	0.
179	179	908	SLV_Ex		10.3	254.89	2.317
179	179	923	SLV_Ex		10.3	254.89	2.317
179	179	924	SLV_Ex		10.3	254.89	2.317
179	179	909	SLV_Ex		10.3	254.89	2.317
180	180	909	SLU_ENV	Max	18.54	0.	0.
180	180	924	SLU_ENV	Max	18.54	0.	0.
180	180	925	SLU_ENV	Max	18.54	0.	0.
180	180	910	SLU_ENV	Max	18.54	0.	0.
180	180	909	SLU_ENV	Min	6.33	0.	0.
180	180	924	SLU_ENV	Min	6.33	0.	0.
180	180	925	SLU_ENV	Min	6.33	0.	0.
180	180	910	SLU_ENV	Min	6.33	0.	0.
180	180	909	SLV_Ex		5.87	235.22	1.431
180	180	924	SLV_Ex		5.87	235.22	1.431
180	180	925	SLV_Ex		5.87	235.22	1.431
180	180	910	SLV_Ex		5.87	235.22	1.431
181	181	910	SLU_ENV	Max	12.65	0.	0.
181	181	925	SLU_ENV	Max	12.65	0.	0.
181	181	926	SLU_ENV	Max	12.65	0.	0.
181	181	911	SLU_ENV	Max	12.65	0.	0.
181	181	910	SLU_ENV	Min	7.54	0.	0.
181	181	925	SLU_ENV	Min	7.54	0.	0.
181	181	926	SLU_ENV	Min	7.54	0.	0.
181	181	911	SLU_ENV	Min	7.54	0.	0.
181	181	910	SLV_Ex		1.55	212.81	0.416
181	181	925	SLV_Ex		1.55	212.81	0.416
181	181	926	SLV_Ex		1.55	212.81	0.416
181	181	911	SLV_Ex		1.55	212.81	0.416
182	182	911	SLU_ENV	Max	14.06	0.	0.
182	182	926	SLU_ENV	Max	14.06	0.	0.
182	182	927	SLU_ENV	Max	14.06	0.	0.
182	182	912	SLU_ENV	Max	14.06	0.	0.
182	182	911	SLU_ENV	Min	5.05	0.	0.
182	182	926	SLU_ENV	Min	5.05	0.	0.
182	182	927	SLU_ENV	Min	5.05	0.	0.
182	182	912	SLU_ENV	Min	5.05	0.	0.
182	182	911	SLV_Ex		0.63	190.84	0.19
182	182	926	SLV_Ex		0.63	190.84	0.19
182	182	927	SLV_Ex		0.63	190.84	0.19
182	182	912	SLV_Ex		0.63	190.84	0.19
183	183	912	SLU_ENV	Max	15.93	0.	0.
183	183	927	SLU_ENV	Max	15.93	0.	0.
183	183	928	SLU_ENV	Max	15.93	0.	0.
183	183	913	SLU_ENV	Max	15.93	0.	0.
183	183	912	SLU_ENV	Min	3.45	0.	0.
183	183	927	SLU_ENV	Min	3.45	0.	0.
183	183	928	SLU_ENV	Min	3.45	0.	0.
183	183	913	SLU_ENV	Min	3.45	0.	0.
183	183	912	SLV_Ex		-5.258E-02	167.84	-0.018
183	183	927	SLV_Ex		-5.258E-02	167.84	-0.018

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
183	183	928	SLV_Ex		-5.258E-02	167.84	-0.018
183	183	913	SLV_Ex		-5.258E-02	167.84	-0.018
184	184	913	SLU_ENV	Max	17.81	0.	0.
184	184	928	SLU_ENV	Max	17.81	0.	0.
184	184	929	SLU_ENV	Max	17.81	0.	0.
184	184	914	SLU_ENV	Max	17.81	0.	0.
184	184	913	SLU_ENV	Min	2.6	0.	0.
184	184	928	SLU_ENV	Min	2.6	0.	0.
184	184	929	SLU_ENV	Min	2.6	0.	0.
184	184	914	SLU_ENV	Min	2.6	0.	0.
184	184	913	SLV_Ex		0.7	145.27	0.275
184	184	928	SLV_Ex		0.7	145.27	0.275
184	184	929	SLV_Ex		0.7	145.27	0.275
184	184	914	SLV_Ex		0.7	145.27	0.275
185	185	914	SLU_ENV	Max	18.92	0.	0.
185	185	929	SLU_ENV	Max	18.92	0.	0.
185	185	930	SLU_ENV	Max	18.92	0.	0.
185	185	915	SLU_ENV	Max	18.92	0.	0.
185	185	914	SLU_ENV	Min	2.2	0.	0.
185	185	929	SLU_ENV	Min	2.2	0.	0.
185	185	930	SLU_ENV	Min	2.2	0.	0.
185	185	915	SLU_ENV	Min	2.2	0.	0.
185	185	914	SLV_Ex		1.41	121.85	0.663
185	185	929	SLV_Ex		1.41	121.85	0.663
185	185	930	SLV_Ex		1.41	121.85	0.663
185	185	915	SLV_Ex		1.41	121.85	0.663
186	186	915	SLU_ENV	Max	18.93	0.	0.
186	186	930	SLU_ENV	Max	18.93	0.	0.
186	186	931	SLU_ENV	Max	18.93	0.	0.
186	186	916	SLU_ENV	Max	18.93	0.	0.
186	186	915	SLU_ENV	Min	2.2	0.	0.
186	186	930	SLU_ENV	Min	2.2	0.	0.
186	186	931	SLU_ENV	Min	2.2	0.	0.
186	186	916	SLU_ENV	Min	2.2	0.	0.
186	186	915	SLV_Ex		3.1	98.33	1.806
186	186	930	SLV_Ex		3.1	98.33	1.806
186	186	931	SLV_Ex		3.1	98.33	1.806
186	186	916	SLV_Ex		3.1	98.33	1.806
187	187	916	SLU_ENV	Max	17.84	0.	0.
187	187	931	SLU_ENV	Max	17.84	0.	0.
187	187	932	SLU_ENV	Max	17.84	0.	0.
187	187	917	SLU_ENV	Max	17.84	0.	0.
187	187	916	SLU_ENV	Min	2.62	0.	0.
187	187	931	SLU_ENV	Min	2.62	0.	0.
187	187	932	SLU_ENV	Min	2.62	0.	0.
187	187	917	SLU_ENV	Min	2.62	0.	0.
187	187	916	SLV_Ex		4.69	74.28	3.619
187	187	931	SLV_Ex		4.69	74.28	3.619
187	187	932	SLV_Ex		4.69	74.28	3.619
187	187	917	SLV_Ex		4.69	74.28	3.619
188	188	917	SLU_ENV	Max	15.99	0.	0.
188	188	932	SLU_ENV	Max	15.99	0.	0.
188	188	933	SLU_ENV	Max	15.99	0.	0.
188	188	918	SLU_ENV	Max	15.99	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
188	188	917	SLU_ENV	Min	3.49	0.	0.
188	188	932	SLU_ENV	Min	3.49	0.	0.
188	188	933	SLU_ENV	Min	3.49	0.	0.
188	188	918	SLU_ENV	Min	3.49	0.	0.
188	188	917	SLV_Ex		7.25	49.85	8.368
188	188	932	SLV_Ex		7.25	49.85	8.368
188	188	933	SLV_Ex		7.25	49.85	8.368
188	188	918	SLV_Ex		7.25	49.85	8.368
189	189	918	SLU_ENV	Max	14.17	0.	0.
189	189	933	SLU_ENV	Max	14.17	0.	0.
189	189	934	SLU_ENV	Max	14.17	0.	0.
189	189	919	SLU_ENV	Max	14.17	0.	0.
189	189	918	SLU_ENV	Min	5.12	0.	0.
189	189	933	SLU_ENV	Min	5.12	0.	0.
189	189	934	SLU_ENV	Min	5.12	0.	0.
189	189	919	SLU_ENV	Min	5.12	0.	0.
189	189	918	SLV_Ex		10.05	26.24	22.512
189	189	933	SLV_Ex		10.05	26.24	22.512
189	189	934	SLV_Ex		10.05	26.24	22.512
189	189	919	SLV_Ex		10.05	26.24	22.512
190	190	919	SLU_ENV	Max	12.84	0.	0.
190	190	934	SLU_ENV	Max	12.84	0.	0.
190	190	935	SLU_ENV	Max	12.84	0.	0.
190	190	920	SLU_ENV	Max	12.84	0.	0.
190	190	919	SLU_ENV	Min	7.65	0.	0.
190	190	934	SLU_ENV	Min	7.65	0.	0.
190	190	935	SLU_ENV	Min	7.65	0.	0.
190	190	920	SLU_ENV	Min	7.65	0.	0.
190	190	919	SLV_Ex		14.37	14.47	96.531
190	190	934	SLV_Ex		14.37	14.47	96.531
190	190	935	SLV_Ex		14.37	14.47	96.531
190	190	920	SLV_Ex		14.37	14.47	96.531
191	191	920	SLU_ENV	Max	18.77	0.	0.
191	191	935	SLU_ENV	Max	18.77	0.	0.
191	191	936	SLU_ENV	Max	18.77	0.	0.
191	191	921	SLU_ENV	Max	18.77	0.	0.
191	191	920	SLU_ENV	Min	6.56	0.	0.
191	191	935	SLU_ENV	Min	6.56	0.	0.
191	191	936	SLU_ENV	Min	6.56	0.	0.
191	191	921	SLU_ENV	Min	6.56	0.	0.
191	191	920	SLV_Ex		19.45	33.2	144.14
191	191	935	SLV_Ex		19.45	33.2	144.14
191	191	936	SLV_Ex		19.45	33.2	144.14
191	191	921	SLV_Ex		19.45	33.2	144.14
192	192	921	SLU_ENV	Max	27.41	0.	0.
192	192	936	SLU_ENV	Max	27.41	0.	0.
192	192	937	SLU_ENV	Max	27.41	0.	0.
192	192	922	SLU_ENV	Max	27.41	0.	0.
192	192	921	SLU_ENV	Min	4.34	0.	0.
192	192	936	SLU_ENV	Min	4.34	0.	0.
192	192	937	SLU_ENV	Min	4.34	0.	0.
192	192	922	SLU_ENV	Min	4.34	0.	0.
192	192	921	SLV_Ex		26.46	57.45	152.576
192	192	936	SLV_Ex		26.46	57.45	152.576

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
192	192	937	SLV_Ex		26.46	57.45	152.576
192	192	922	SLV_Ex		26.46	57.45	152.576
193	193	922	SLU_ENV	Max	33.76	0.	0.
193	193	937	SLU_ENV	Max	33.76	0.	0.
193	193	244	SLU_ENV	Max	33.76	0.	0.
193	193	217	SLU_ENV	Max	33.76	0.	0.
193	193	922	SLU_ENV	Min	-1.4	0.	0.
193	193	937	SLU_ENV	Min	-1.4	0.	0.
193	193	244	SLU_ENV	Min	-1.4	0.	0.
193	193	217	SLU_ENV	Min	-1.4	0.	0.
193	193	922	SLV_Ex		36.04	81.85	153.875
193	193	937	SLV_Ex		36.04	81.85	153.875
193	193	244	SLV_Ex		36.04	81.85	153.875
193	193	217	SLV_Ex		36.04	81.85	153.875
194	194	487	SLU_ENV	Max	47.87	0.	0.
194	194	505	SLU_ENV	Max	47.87	0.	0.
194	194	938	SLU_ENV	Max	47.87	0.	0.
194	194	923	SLU_ENV	Max	47.87	0.	0.
194	194	487	SLU_ENV	Min	9.91	0.	0.
194	194	505	SLU_ENV	Min	9.91	0.	0.
194	194	938	SLU_ENV	Min	9.91	0.	0.
194	194	923	SLU_ENV	Min	9.91	0.	0.
194	194	487	SLV_Ex		25.28	272.45	5.323
194	194	505	SLV_Ex		25.28	272.45	5.323
194	194	938	SLV_Ex		25.28	272.45	5.323
194	194	923	SLV_Ex		25.28	272.45	5.323
195	195	923	SLU_ENV	Max	32.63	0.	0.
195	195	938	SLU_ENV	Max	32.63	0.	0.
195	195	939	SLU_ENV	Max	32.63	0.	0.
195	195	924	SLU_ENV	Max	32.63	0.	0.
195	195	923	SLU_ENV	Min	9.74	0.	0.
195	195	938	SLU_ENV	Min	9.74	0.	0.
195	195	939	SLU_ENV	Min	9.74	0.	0.
195	195	924	SLU_ENV	Min	9.74	0.	0.
195	195	923	SLV_Ex		20.06	266.25	4.32
195	195	938	SLV_Ex		20.06	266.25	4.32
195	195	939	SLV_Ex		20.06	266.25	4.32
195	195	924	SLV_Ex		20.06	266.25	4.32
196	196	924	SLU_ENV	Max	15.88	0.	0.
196	196	939	SLU_ENV	Max	15.88	0.	0.
196	196	940	SLU_ENV	Max	15.88	0.	0.
196	196	925	SLU_ENV	Max	15.88	0.	0.
196	196	924	SLU_ENV	Min	5.28	0.	0.
196	196	939	SLU_ENV	Min	5.28	0.	0.
196	196	940	SLU_ENV	Min	5.28	0.	0.
196	196	925	SLU_ENV	Min	5.28	0.	0.
196	196	924	SLV_Ex		4.68	239.19	1.121
196	196	939	SLV_Ex		4.68	239.19	1.121
196	196	940	SLV_Ex		4.68	239.19	1.121
196	196	925	SLV_Ex		4.68	239.19	1.121
197	197	925	SLU_ENV	Max	9.48	0.	0.
197	197	940	SLU_ENV	Max	9.48	0.	0.
197	197	941	SLU_ENV	Max	9.48	0.	0.
197	197	926	SLU_ENV	Max	9.48	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
197	197	925	SLU_ENV	Min	5.73	0.	0.
197	197	940	SLU_ENV	Min	5.73	0.	0.
197	197	941	SLU_ENV	Min	5.73	0.	0.
197	197	926	SLU_ENV	Min	5.73	0.	0.
197	197	925	SLV_Ex		2.6	215.75	0.692
197	197	940	SLV_Ex		2.6	215.75	0.692
197	197	941	SLV_Ex		2.6	215.75	0.692
197	197	926	SLV_Ex		2.6	215.75	0.692
198	198	926	SLU_ENV	Max	8.82	0.	0.
198	198	941	SLU_ENV	Max	8.82	0.	0.
198	198	942	SLU_ENV	Max	8.82	0.	0.
198	198	927	SLU_ENV	Max	8.82	0.	0.
198	198	926	SLU_ENV	Min	3.69	0.	0.
198	198	941	SLU_ENV	Min	3.69	0.	0.
198	198	942	SLU_ENV	Min	3.69	0.	0.
198	198	927	SLU_ENV	Min	3.69	0.	0.
198	198	926	SLV_Ex		0.57	191.6	0.172
198	198	941	SLV_Ex		0.57	191.6	0.172
198	198	942	SLV_Ex		0.57	191.6	0.172
198	198	927	SLV_Ex		0.57	191.6	0.172
199	199	927	SLU_ENV	Max	9.6	0.	0.
199	199	942	SLU_ENV	Max	9.6	0.	0.
199	199	943	SLU_ENV	Max	9.6	0.	0.
199	199	928	SLU_ENV	Max	9.6	0.	0.
199	199	927	SLU_ENV	Min	2.51	0.	0.
199	199	942	SLU_ENV	Min	2.51	0.	0.
199	199	943	SLU_ENV	Min	2.51	0.	0.
199	199	928	SLU_ENV	Min	2.51	0.	0.
199	199	927	SLV_Ex		0.49	168.67	0.166
199	199	942	SLV_Ex		0.49	168.67	0.166
199	199	943	SLV_Ex		0.49	168.67	0.166
199	199	928	SLV_Ex		0.49	168.67	0.166
200	200	928	SLU_ENV	Max	10.4	0.	0.
200	200	943	SLU_ENV	Max	10.4	0.	0.
200	200	944	SLU_ENV	Max	10.4	0.	0.
200	200	929	SLU_ENV	Max	10.4	0.	0.
200	200	928	SLU_ENV	Min	1.85	0.	0.
200	200	943	SLU_ENV	Min	1.85	0.	0.
200	200	944	SLU_ENV	Min	1.85	0.	0.
200	200	929	SLU_ENV	Min	1.85	0.	0.
200	200	928	SLV_Ex		0.49	145.	0.192
200	200	943	SLV_Ex		0.49	145.	0.192
200	200	944	SLV_Ex		0.49	145.	0.192
200	200	929	SLV_Ex		0.49	145.	0.192
201	201	929	SLU_ENV	Max	10.94	0.	0.
201	201	944	SLU_ENV	Max	10.94	0.	0.
201	201	945	SLU_ENV	Max	10.94	0.	0.
201	201	930	SLU_ENV	Max	10.94	0.	0.
201	201	929	SLU_ENV	Min	1.57	0.	0.
201	201	944	SLU_ENV	Min	1.57	0.	0.
201	201	945	SLU_ENV	Min	1.57	0.	0.
201	201	930	SLU_ENV	Min	1.57	0.	0.
201	201	929	SLV_Ex		1.25	121.57	0.589
201	201	944	SLV_Ex		1.25	121.57	0.589

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
201	201	945	SLV_Ex		1.25	121.57	0.589
201	201	930	SLV_Ex		1.25	121.57	0.589
202	202	930	SLU_ENV	Max	10.95	0.	0.
202	202	945	SLU_ENV	Max	10.95	0.	0.
202	202	946	SLU_ENV	Max	10.95	0.	0.
202	202	931	SLU_ENV	Max	10.95	0.	0.
202	202	930	SLU_ENV	Min	1.58	0.	0.
202	202	945	SLU_ENV	Min	1.58	0.	0.
202	202	946	SLU_ENV	Min	1.58	0.	0.
202	202	931	SLU_ENV	Min	1.58	0.	0.
202	202	930	SLV_Ex		1.99	97.43	1.168
202	202	945	SLV_Ex		1.99	97.43	1.168
202	202	946	SLV_Ex		1.99	97.43	1.168
202	202	931	SLV_Ex		1.99	97.43	1.168
203	203	931	SLU_ENV	Max	10.43	0.	0.
203	203	946	SLU_ENV	Max	10.43	0.	0.
203	203	947	SLU_ENV	Max	10.43	0.	0.
203	203	932	SLU_ENV	Max	10.43	0.	0.
203	203	931	SLU_ENV	Min	1.86	0.	0.
203	203	946	SLU_ENV	Min	1.86	0.	0.
203	203	947	SLU_ENV	Min	1.86	0.	0.
203	203	932	SLU_ENV	Min	1.86	0.	0.
203	203	931	SLV_Ex		3.33	72.87	2.621
203	203	946	SLV_Ex		3.33	72.87	2.621
203	203	947	SLV_Ex		3.33	72.87	2.621
203	203	932	SLV_Ex		3.33	72.87	2.621
204	204	932	SLU_ENV	Max	9.65	0.	0.
204	204	947	SLU_ENV	Max	9.65	0.	0.
204	204	948	SLU_ENV	Max	9.65	0.	0.
204	204	933	SLU_ENV	Max	9.65	0.	0.
204	204	932	SLU_ENV	Min	2.54	0.	0.
204	204	947	SLU_ENV	Min	2.54	0.	0.
204	204	948	SLU_ENV	Min	2.54	0.	0.
204	204	933	SLU_ENV	Min	2.54	0.	0.
204	204	932	SLV_Ex		4.77	47.77	5.733
204	204	947	SLV_Ex		4.77	47.77	5.733
204	204	948	SLV_Ex		4.77	47.77	5.733
204	204	933	SLV_Ex		4.77	47.77	5.733
205	205	933	SLU_ENV	Max	8.9	0.	0.
205	205	948	SLU_ENV	Max	8.9	0.	0.
205	205	949	SLU_ENV	Max	8.9	0.	0.
205	205	934	SLU_ENV	Max	8.9	0.	0.
205	205	933	SLU_ENV	Min	3.74	0.	0.
205	205	948	SLU_ENV	Min	3.74	0.	0.
205	205	949	SLU_ENV	Min	3.74	0.	0.
205	205	934	SLU_ENV	Min	3.74	0.	0.
205	205	933	SLV_Ex		7.16	22.3	18.722
205	205	948	SLV_Ex		7.16	22.3	18.722
205	205	949	SLV_Ex		7.16	22.3	18.722
205	205	934	SLV_Ex		7.16	22.3	18.722
206	206	934	SLU_ENV	Max	9.59	0.	0.
206	206	949	SLU_ENV	Max	9.59	0.	0.
206	206	950	SLU_ENV	Max	9.59	0.	0.
206	206	935	SLU_ENV	Max	9.59	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
206	206	934	SLU_ENV	Min	5.83	0.	0.
206	206	949	SLU_ENV	Min	5.83	0.	0.
206	206	950	SLU_ENV	Min	5.83	0.	0.
206	206	935	SLU_ENV	Min	5.83	0.	0.
206	206	934	SLV_Ex		10.3	11.91	120.14
206	206	949	SLV_Ex		10.3	11.91	120.14
206	206	950	SLV_Ex		10.3	11.91	120.14
206	206	935	SLV_Ex		10.3	11.91	120.14
207	207	935	SLU_ENV	Max	16.06	0.	0.
207	207	950	SLU_ENV	Max	16.06	0.	0.
207	207	951	SLU_ENV	Max	16.06	0.	0.
207	207	936	SLU_ENV	Max	16.06	0.	0.
207	207	935	SLU_ENV	Min	5.45	0.	0.
207	207	950	SLU_ENV	Min	5.45	0.	0.
207	207	951	SLU_ENV	Min	5.45	0.	0.
207	207	936	SLU_ENV	Min	5.45	0.	0.
207	207	935	SLV_Ex		16.82	38.7	154.24
207	207	950	SLV_Ex		16.82	38.7	154.24
207	207	951	SLV_Ex		16.82	38.7	154.24
207	207	936	SLV_Ex		16.82	38.7	154.24
208	208	936	SLU_ENV	Max	32.89	0.	0.
208	208	951	SLU_ENV	Max	32.89	0.	0.
208	208	952	SLU_ENV	Max	32.89	0.	0.
208	208	937	SLU_ENV	Max	32.89	0.	0.
208	208	936	SLU_ENV	Min	9.99	0.	0.
208	208	951	SLU_ENV	Min	9.99	0.	0.
208	208	952	SLU_ENV	Min	9.99	0.	0.
208	208	937	SLU_ENV	Min	9.99	0.	0.
208	208	936	SLV_Ex		25.39	67.52	157.917
208	208	951	SLV_Ex		25.39	67.52	157.917
208	208	952	SLV_Ex		25.39	67.52	157.917
208	208	937	SLV_Ex		25.39	67.52	157.917
209	209	937	SLU_ENV	Max	48.27	0.	0.
209	209	952	SLU_ENV	Max	48.27	0.	0.
209	209	271	SLU_ENV	Max	48.27	0.	0.
209	209	244	SLU_ENV	Max	48.27	0.	0.
209	209	937	SLU_ENV	Min	10.29	0.	0.
209	209	952	SLU_ENV	Min	10.29	0.	0.
209	209	271	SLU_ENV	Min	10.29	0.	0.
209	209	244	SLU_ENV	Min	10.29	0.	0.
209	209	937	SLV_Ex		40.25	92.79	154.294
209	209	952	SLV_Ex		40.25	92.79	154.294
209	209	271	SLV_Ex		40.25	92.79	154.294
209	209	244	SLV_Ex		40.25	92.79	154.294
210	210	505	SLU_ENV	Max	96.31	0.	0.
210	210	523	SLU_ENV	Max	96.31	0.	0.
210	210	953	SLU_ENV	Max	96.31	0.	0.
210	210	938	SLU_ENV	Max	96.31	0.	0.
210	210	505	SLU_ENV	Min	47.27	0.	0.
210	210	523	SLU_ENV	Min	47.27	0.	0.
210	210	953	SLU_ENV	Min	47.27	0.	0.
210	210	938	SLU_ENV	Min	47.27	0.	0.
210	210	505	SLV_Ex		87.37	340.81	14.855
210	210	523	SLV_Ex		87.37	340.81	14.855



Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
210	210	953	SLV_Ex		87.37	340.81	14.855
210	210	938	SLV_Ex		87.37	340.81	14.855
211	211	938	SLU_ENV	Max	16.	0.	0.
211	211	953	SLU_ENV	Max	16.	0.	0.
211	211	954	SLU_ENV	Max	16.	0.	0.
211	211	939	SLU_ENV	Max	16.	0.	0.
211	211	938	SLU_ENV	Min	4.84	0.	0.
211	211	953	SLU_ENV	Min	4.84	0.	0.
211	211	954	SLU_ENV	Min	4.84	0.	0.
211	211	939	SLU_ENV	Min	4.84	0.	0.
211	211	938	SLV_Ex		3.44	272.53	0.723
211	211	953	SLV_Ex		3.44	272.53	0.723
211	211	954	SLV_Ex		3.44	272.53	0.723
211	211	939	SLV_Ex		3.44	272.53	0.723
212	212	939	SLU_ENV	Max	7.3	0.	0.
212	212	954	SLU_ENV	Max	7.3	0.	0.
212	212	955	SLU_ENV	Max	7.3	0.	0.
212	212	940	SLU_ENV	Max	7.3	0.	0.
212	212	939	SLU_ENV	Min	2.65	0.	0.
212	212	954	SLU_ENV	Min	2.65	0.	0.
212	212	955	SLU_ENV	Min	2.65	0.	0.
212	212	940	SLU_ENV	Min	2.65	0.	0.
212	212	939	SLV_Ex		3.46	243.21	0.816
212	212	954	SLV_Ex		3.46	243.21	0.816
212	212	955	SLV_Ex		3.46	243.21	0.816
212	212	940	SLV_Ex		3.46	243.21	0.816
213	213	940	SLU_ENV	Max	3.51	0.	0.
213	213	955	SLU_ENV	Max	3.51	0.	0.
213	213	956	SLU_ENV	Max	3.51	0.	0.
213	213	941	SLU_ENV	Max	3.51	0.	0.
213	213	940	SLU_ENV	Min	1.93	0.	0.
213	213	955	SLU_ENV	Min	1.93	0.	0.
213	213	956	SLU_ENV	Min	1.93	0.	0.
213	213	941	SLU_ENV	Min	1.93	0.	0.
213	213	940	SLV_Ex		0.61	216.85	0.16
213	213	955	SLV_Ex		0.61	216.85	0.16
213	213	956	SLV_Ex		0.61	216.85	0.16
213	213	941	SLV_Ex		0.61	216.85	0.16
214	214	941	SLU_ENV	Max	3.07	0.	0.
214	214	956	SLU_ENV	Max	3.07	0.	0.
214	214	957	SLU_ENV	Max	3.07	0.	0.
214	214	942	SLU_ENV	Max	3.07	0.	0.
214	214	941	SLU_ENV	Min	1.4	0.	0.
214	214	956	SLU_ENV	Min	1.4	0.	0.
214	214	957	SLU_ENV	Min	1.4	0.	0.
214	214	942	SLU_ENV	Min	1.4	0.	0.
214	214	941	SLV_Ex		0.4	192.96	0.12
214	214	956	SLV_Ex		0.4	192.96	0.12
214	214	957	SLV_Ex		0.4	192.96	0.12
214	214	942	SLV_Ex		0.4	192.96	0.12
215	215	942	SLU_ENV	Max	3.19	0.	0.
215	215	957	SLU_ENV	Max	3.19	0.	0.
215	215	958	SLU_ENV	Max	3.19	0.	0.
215	215	943	SLU_ENV	Max	3.19	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
215	215	942	SLU_ENV	Min	0.91	0.	0.
215	215	957	SLU_ENV	Min	0.91	0.	0.
215	215	958	SLU_ENV	Min	0.91	0.	0.
215	215	943	SLU_ENV	Min	0.91	0.	0.
215	215	942	SLV_Ex		0.11	169.11	0.036
215	215	957	SLV_Ex		0.11	169.11	0.036
215	215	958	SLV_Ex		0.11	169.11	0.036
215	215	943	SLV_Ex		0.11	169.11	0.036
216	216	943	SLU_ENV	Max	3.45	0.	0.
216	216	958	SLU_ENV	Max	3.45	0.	0.
216	216	959	SLU_ENV	Max	3.45	0.	0.
216	216	944	SLU_ENV	Max	3.45	0.	0.
216	216	943	SLU_ENV	Min	0.69	0.	0.
216	216	958	SLU_ENV	Min	0.69	0.	0.
216	216	959	SLU_ENV	Min	0.69	0.	0.
216	216	944	SLU_ENV	Min	0.69	0.	0.
216	216	943	SLV_Ex		0.27	145.67	0.105
216	216	958	SLV_Ex		0.27	145.67	0.105
216	216	959	SLV_Ex		0.27	145.67	0.105
216	216	944	SLV_Ex		0.27	145.67	0.105
217	217	944	SLU_ENV	Max	3.6	0.	0.
217	217	959	SLU_ENV	Max	3.6	0.	0.
217	217	960	SLU_ENV	Max	3.6	0.	0.
217	217	945	SLU_ENV	Max	3.6	0.	0.
217	217	944	SLU_ENV	Min	0.58	0.	0.
217	217	959	SLU_ENV	Min	0.58	0.	0.
217	217	960	SLU_ENV	Min	0.58	0.	0.
217	217	945	SLU_ENV	Min	0.58	0.	0.
217	217	944	SLV_Ex		0.41	121.73	0.193
217	217	959	SLV_Ex		0.41	121.73	0.193
217	217	960	SLV_Ex		0.41	121.73	0.193
217	217	945	SLV_Ex		0.41	121.73	0.193
218	218	945	SLU_ENV	Max	3.6	0.	0.
218	218	960	SLU_ENV	Max	3.6	0.	0.
218	218	961	SLU_ENV	Max	3.6	0.	0.
218	218	946	SLU_ENV	Max	3.6	0.	0.
218	218	945	SLU_ENV	Min	0.58	0.	0.
218	218	960	SLU_ENV	Min	0.58	0.	0.
218	218	961	SLU_ENV	Min	0.58	0.	0.
218	218	946	SLU_ENV	Min	0.58	0.	0.
218	218	945	SLV_Ex		0.78	97.47	0.46
218	218	960	SLV_Ex		0.78	97.47	0.46
218	218	961	SLV_Ex		0.78	97.47	0.46
218	218	946	SLV_Ex		0.78	97.47	0.46
219	219	946	SLU_ENV	Max	3.46	0.	0.
219	219	961	SLU_ENV	Max	3.46	0.	0.
219	219	962	SLU_ENV	Max	3.46	0.	0.
219	219	947	SLU_ENV	Max	3.46	0.	0.
219	219	946	SLU_ENV	Min	0.69	0.	0.
219	219	961	SLU_ENV	Min	0.69	0.	0.
219	219	962	SLU_ENV	Min	0.69	0.	0.
219	219	947	SLU_ENV	Min	0.69	0.	0.
219	219	946	SLV_Ex		1.15	72.51	0.909
219	219	961	SLV_Ex		1.15	72.51	0.909

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
219	219	962	SLV_Ex		1.15	72.51	0.909
219	219	947	SLV_Ex		1.15	72.51	0.909
220	220	947	SLU_ENV	Max	3.21	0.	0.
220	220	962	SLU_ENV	Max	3.21	0.	0.
220	220	963	SLU_ENV	Max	3.21	0.	0.
220	220	948	SLU_ENV	Max	3.21	0.	0.
220	220	947	SLU_ENV	Min	0.92	0.	0.
220	220	962	SLU_ENV	Min	0.92	0.	0.
220	220	963	SLU_ENV	Min	0.92	0.	0.
220	220	948	SLU_ENV	Min	0.92	0.	0.
220	220	947	SLV_Ex		1.78	46.67	2.187
220	220	962	SLV_Ex		1.78	46.67	2.187
220	220	963	SLV_Ex		1.78	46.67	2.187
220	220	948	SLV_Ex		1.78	46.67	2.187
221	221	948	SLU_ENV	Max	3.1	0.	0.
221	221	963	SLU_ENV	Max	3.1	0.	0.
221	221	964	SLU_ENV	Max	3.1	0.	0.
221	221	949	SLU_ENV	Max	3.1	0.	0.
221	221	948	SLU_ENV	Min	1.41	0.	0.
221	221	963	SLU_ENV	Min	1.41	0.	0.
221	221	964	SLU_ENV	Min	1.41	0.	0.
221	221	949	SLU_ENV	Min	1.41	0.	0.
221	221	948	SLV_Ex		2.54	19.87	7.343
221	221	963	SLV_Ex		2.54	19.87	7.343
221	221	964	SLV_Ex		2.54	19.87	7.343
221	221	949	SLV_Ex		2.54	19.87	7.343
222	222	949	SLU_ENV	Max	3.55	0.	0.
222	222	964	SLU_ENV	Max	3.55	0.	0.
222	222	965	SLU_ENV	Max	3.55	0.	0.
222	222	950	SLU_ENV	Max	3.55	0.	0.
222	222	949	SLU_ENV	Min	1.97	0.	0.
222	222	964	SLU_ENV	Min	1.97	0.	0.
222	222	965	SLU_ENV	Min	1.97	0.	0.
222	222	950	SLU_ENV	Min	1.97	0.	0.
222	222	949	SLV_Ex		4.1	10.1	156.067
222	222	964	SLV_Ex		4.1	10.1	156.067
222	222	965	SLV_Ex		4.1	10.1	156.067
222	222	950	SLV_Ex		4.1	10.1	156.067
223	223	950	SLU_ENV	Max	7.36	0.	0.
223	223	965	SLU_ENV	Max	7.36	0.	0.
223	223	966	SLU_ENV	Max	7.36	0.	0.
223	223	951	SLU_ENV	Max	7.36	0.	0.
223	223	950	SLU_ENV	Min	2.72	0.	0.
223	223	965	SLU_ENV	Min	2.72	0.	0.
223	223	966	SLU_ENV	Min	2.72	0.	0.
223	223	951	SLU_ENV	Min	2.72	0.	0.
223	223	950	SLV_Ex		6.57	41.48	170.889
223	223	965	SLV_Ex		6.57	41.48	170.889
223	223	966	SLV_Ex		6.57	41.48	170.889
223	223	951	SLV_Ex		6.57	41.48	170.889
224	224	951	SLU_ENV	Max	16.14	0.	0.
224	224	966	SLU_ENV	Max	16.14	0.	0.
224	224	967	SLU_ENV	Max	16.14	0.	0.
224	224	952	SLU_ENV	Max	16.14	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
224	224	951	SLU_ENV	Min	4.97	0.	0.
224	224	966	SLU_ENV	Min	4.97	0.	0.
224	224	967	SLU_ENV	Min	4.97	0.	0.
224	224	952	SLU_ENV	Min	4.97	0.	0.
224	224	951	SLV_Ex		17.96	82.03	167.349
224	224	966	SLV_Ex		17.96	82.03	167.349
224	224	967	SLV_Ex		17.96	82.03	167.349
224	224	952	SLV_Ex		17.96	82.03	167.349
225	225	952	SLU_ENV	Max	96.56	0.	0.
225	225	967	SLU_ENV	Max	96.56	0.	0.
225	225	298	SLU_ENV	Max	96.56	0.	0.
225	225	271	SLU_ENV	Max	96.56	0.	0.
225	225	952	SLU_ENV	Min	47.51	0.	0.
225	225	967	SLU_ENV	Min	47.51	0.	0.
225	225	298	SLU_ENV	Min	47.51	0.	0.
225	225	271	SLU_ENV	Min	47.51	0.	0.
225	225	952	SLV_Ex		50.81	143.31	159.236
225	225	967	SLV_Ex		50.81	143.31	159.236
225	225	298	SLV_Ex		50.81	143.31	159.236
225	225	271	SLV_Ex		50.81	143.31	159.236
227	227	767	SLU_ENV	Max	-1.55	0.	0.
227	227	766	SLU_ENV	Max	-1.55	0.	0.
227	227	968	SLU_ENV	Max	-1.55	0.	0.
227	227	969	SLU_ENV	Max	-1.55	0.	0.
227	227	767	SLU_ENV	Min	-7.44	0.	0.
227	227	766	SLU_ENV	Min	-7.44	0.	0.
227	227	968	SLU_ENV	Min	-7.44	0.	0.
227	227	969	SLU_ENV	Min	-7.44	0.	0.
227	227	767	SLV_Ex		2.9	469.13	0.355
227	227	766	SLV_Ex		2.9	469.13	0.355
227	227	968	SLV_Ex		2.9	469.13	0.355
227	227	969	SLV_Ex		2.9	469.13	0.355
228	228	969	SLU_ENV	Max	-7.87	0.	0.
228	228	968	SLU_ENV	Max	-7.87	0.	0.
228	228	970	SLU_ENV	Max	-7.87	0.	0.
228	228	971	SLU_ENV	Max	-7.87	0.	0.
228	228	969	SLU_ENV	Min	-23.53	0.	0.
228	228	968	SLU_ENV	Min	-23.53	0.	0.
228	228	970	SLU_ENV	Min	-23.53	0.	0.
228	228	971	SLU_ENV	Min	-23.53	0.	0.
228	228	969	SLV_Ex		-30.44	393.17	-4.441
228	228	968	SLV_Ex		-30.44	393.17	-4.441
228	228	970	SLV_Ex		-30.44	393.17	-4.441
228	228	971	SLV_Ex		-30.44	393.17	-4.441
229	229	971	SLU_ENV	Max	-4.37	0.	0.
229	229	970	SLU_ENV	Max	-4.37	0.	0.
229	229	972	SLU_ENV	Max	-4.37	0.	0.
229	229	973	SLU_ENV	Max	-4.37	0.	0.
229	229	971	SLU_ENV	Min	-14.51	0.	0.
229	229	970	SLU_ENV	Min	-14.51	0.	0.
229	229	972	SLU_ENV	Min	-14.51	0.	0.
229	229	973	SLU_ENV	Min	-14.51	0.	0.
229	229	971	SLV_Ex		-15.44	333.75	-2.652
229	229	970	SLV_Ex		-15.44	333.75	-2.652

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
229	229	972	SLV_Ex		-15.44	333.75	-2.652
229	229	973	SLV_Ex		-15.44	333.75	-2.652
230	230	973	SLU_ENV	Max	-2.22	0.	0.
230	230	972	SLU_ENV	Max	-2.22	0.	0.
230	230	974	SLU_ENV	Max	-2.22	0.	0.
230	230	975	SLU_ENV	Max	-2.22	0.	0.
230	230	973	SLU_ENV	Min	-8.83	0.	0.
230	230	972	SLU_ENV	Min	-8.83	0.	0.
230	230	974	SLU_ENV	Min	-8.83	0.	0.
230	230	975	SLU_ENV	Min	-8.83	0.	0.
230	230	973	SLV_Ex		-8.26	282.92	-1.673
230	230	972	SLV_Ex		-8.26	282.92	-1.673
230	230	974	SLV_Ex		-8.26	282.92	-1.673
230	230	975	SLV_Ex		-8.26	282.92	-1.673
231	231	975	SLU_ENV	Max	-1.61	0.	0.
231	231	974	SLU_ENV	Max	-1.61	0.	0.
231	231	976	SLU_ENV	Max	-1.61	0.	0.
231	231	977	SLU_ENV	Max	-1.61	0.	0.
231	231	975	SLU_ENV	Min	-6.16	0.	0.
231	231	974	SLU_ENV	Min	-6.16	0.	0.
231	231	976	SLU_ENV	Min	-6.16	0.	0.
231	231	977	SLU_ENV	Min	-6.16	0.	0.
231	231	975	SLV_Ex		-6.72	248.77	-1.549
231	231	974	SLV_Ex		-6.72	248.77	-1.549
231	231	976	SLV_Ex		-6.72	248.77	-1.549
231	231	977	SLV_Ex		-6.72	248.77	-1.549
232	232	977	SLU_ENV	Max	-0.92	0.	0.
232	232	976	SLU_ENV	Max	-0.92	0.	0.
232	232	978	SLU_ENV	Max	-0.92	0.	0.
232	232	979	SLU_ENV	Max	-0.92	0.	0.
232	232	977	SLU_ENV	Min	-3.2	0.	0.
232	232	976	SLU_ENV	Min	-3.2	0.	0.
232	232	978	SLU_ENV	Min	-3.2	0.	0.
232	232	979	SLU_ENV	Min	-3.2	0.	0.
232	232	977	SLV_Ex		-3.89	215.72	-1.032
232	232	976	SLV_Ex		-3.89	215.72	-1.032
232	232	978	SLV_Ex		-3.89	215.72	-1.032
232	232	979	SLV_Ex		-3.89	215.72	-1.032
233	233	979	SLU_ENV	Max	-0.77	0.	0.
233	233	978	SLU_ENV	Max	-0.77	0.	0.
233	233	980	SLU_ENV	Max	-0.77	0.	0.
233	233	981	SLU_ENV	Max	-0.77	0.	0.
233	233	979	SLU_ENV	Min	-33.72	0.	0.
233	233	978	SLU_ENV	Min	-33.72	0.	0.
233	233	980	SLU_ENV	Min	-33.72	0.	0.
233	233	981	SLU_ENV	Min	-33.72	0.	0.
233	233	979	SLV_Ex		-3.32	188.62	-1.009
233	233	978	SLV_Ex		-3.32	188.62	-1.009
233	233	980	SLV_Ex		-3.32	188.62	-1.009
233	233	981	SLV_Ex		-3.32	188.62	-1.009
234	234	981	SLU_ENV	Max	-0.62	0.	0.
234	234	980	SLU_ENV	Max	-0.62	0.	0.
234	234	982	SLU_ENV	Max	-0.62	0.	0.
234	234	983	SLU_ENV	Max	-0.62	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
234	234	981	SLU_ENV	Min	-32.69	0.	0.
234	234	980	SLU_ENV	Min	-32.69	0.	0.
234	234	982	SLU_ENV	Min	-32.69	0.	0.
234	234	983	SLU_ENV	Min	-32.69	0.	0.
234	234	981	SLV_Ex		-2.06	162.27	-0.727
234	234	980	SLV_Ex		-2.06	162.27	-0.727
234	234	982	SLV_Ex		-2.06	162.27	-0.727
234	234	983	SLV_Ex		-2.06	162.27	-0.727
235	235	983	SLU_ENV	Max	-0.64	0.	0.
235	235	982	SLU_ENV	Max	-0.64	0.	0.
235	235	984	SLU_ENV	Max	-0.64	0.	0.
235	235	985	SLU_ENV	Max	-0.64	0.	0.
235	235	983	SLU_ENV	Min	-32.72	0.	0.
235	235	982	SLU_ENV	Min	-32.72	0.	0.
235	235	984	SLU_ENV	Min	-32.72	0.	0.
235	235	985	SLU_ENV	Min	-32.72	0.	0.
235	235	983	SLV_Ex		-1.75	138.25	-0.724
235	235	982	SLV_Ex		-1.75	138.25	-0.724
235	235	984	SLV_Ex		-1.75	138.25	-0.724
235	235	985	SLV_Ex		-1.75	138.25	-0.724
236	236	985	SLU_ENV	Max	-0.81	0.	0.
236	236	984	SLU_ENV	Max	-0.81	0.	0.
236	236	986	SLU_ENV	Max	-0.81	0.	0.
236	236	987	SLU_ENV	Max	-0.81	0.	0.
236	236	985	SLU_ENV	Min	-33.79	0.	0.
236	236	984	SLU_ENV	Min	-33.79	0.	0.
236	236	986	SLU_ENV	Min	-33.79	0.	0.
236	236	987	SLU_ENV	Min	-33.79	0.	0.
236	236	985	SLV_Ex		-0.77	115.67	-0.38
236	236	984	SLV_Ex		-0.77	115.67	-0.38
236	236	986	SLV_Ex		-0.77	115.67	-0.38
236	236	987	SLV_Ex		-0.77	115.67	-0.38
237	237	987	SLU_ENV	Max	-1.	0.	0.
237	237	986	SLU_ENV	Max	-1.	0.	0.
237	237	988	SLU_ENV	Max	-1.	0.	0.
237	237	989	SLU_ENV	Max	-1.	0.	0.
237	237	987	SLU_ENV	Min	-3.34	0.	0.
237	237	986	SLU_ENV	Min	-3.34	0.	0.
237	237	988	SLU_ENV	Min	-3.34	0.	0.
237	237	989	SLU_ENV	Min	-3.34	0.	0.
237	237	987	SLV_Ex		-0.61	93.74	-0.375
237	237	986	SLV_Ex		-0.61	93.74	-0.375
237	237	988	SLV_Ex		-0.61	93.74	-0.375
237	237	989	SLV_Ex		-0.61	93.74	-0.375
238	238	989	SLU_ENV	Max	-1.75	0.	0.
238	238	988	SLU_ENV	Max	-1.75	0.	0.
238	238	990	SLU_ENV	Max	-1.75	0.	0.
238	238	991	SLU_ENV	Max	-1.75	0.	0.
238	238	989	SLU_ENV	Min	-6.39	0.	0.
238	238	988	SLU_ENV	Min	-6.39	0.	0.
238	238	990	SLU_ENV	Min	-6.39	0.	0.
238	238	991	SLU_ENV	Min	-6.39	0.	0.
238	238	989	SLV_Ex		0.93	75.08	0.712
238	238	988	SLV_Ex		0.93	75.08	0.712

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
238	238	990	SLV_Ex		0.93	75.08	0.712
238	238	991	SLV_Ex		0.93	75.08	0.712
239	239	991	SLU_ENV	Max	-2.47	0.	0.
239	239	990	SLU_ENV	Max	-2.47	0.	0.
239	239	992	SLU_ENV	Max	-2.47	0.	0.
239	239	993	SLU_ENV	Max	-2.47	0.	0.
239	239	991	SLU_ENV	Min	-9.28	0.	0.
239	239	990	SLU_ENV	Min	-9.28	0.	0.
239	239	992	SLU_ENV	Min	-9.28	0.	0.
239	239	993	SLU_ENV	Min	-9.28	0.	0.
239	239	991	SLV_Ex		0.82	55.62	0.848
239	239	990	SLV_Ex		0.82	55.62	0.848
239	239	992	SLV_Ex		0.82	55.62	0.848
239	239	993	SLV_Ex		0.82	55.62	0.848
240	240	993	SLU_ENV	Max	-4.78	0.	0.
240	240	992	SLU_ENV	Max	-4.78	0.	0.
240	240	994	SLU_ENV	Max	-4.78	0.	0.
240	240	995	SLU_ENV	Max	-4.78	0.	0.
240	240	993	SLU_ENV	Min	-15.23	0.	0.
240	240	992	SLU_ENV	Min	-15.23	0.	0.
240	240	994	SLU_ENV	Min	-15.23	0.	0.
240	240	995	SLU_ENV	Min	-15.23	0.	0.
240	240	993	SLV_Ex		4.07	44.59	5.244
240	240	992	SLV_Ex		4.07	44.59	5.244
240	240	994	SLV_Ex		4.07	44.59	5.244
240	240	995	SLV_Ex		4.07	44.59	5.244
241	241	995	SLU_ENV	Max	-8.44	0.	0.
241	241	994	SLU_ENV	Max	-8.44	0.	0.
241	241	996	SLU_ENV	Max	-8.44	0.	0.
241	241	997	SLU_ENV	Max	-8.44	0.	0.
241	241	995	SLU_ENV	Min	-24.53	0.	0.
241	241	994	SLU_ENV	Min	-24.53	0.	0.
241	241	996	SLU_ENV	Min	-24.53	0.	0.
241	241	997	SLU_ENV	Min	-24.53	0.	0.
241	241	995	SLV_Ex		11.38	34.18	19.451
241	241	994	SLV_Ex		11.38	34.18	19.451
241	241	996	SLV_Ex		11.38	34.18	19.451
241	241	997	SLV_Ex		11.38	34.18	19.451
242	242	997	SLU_ENV	Max	-1.98	0.	0.
242	242	996	SLU_ENV	Max	-1.98	0.	0.
242	242	599	SLU_ENV	Max	-1.98	0.	0.
242	242	600	SLU_ENV	Max	-1.98	0.	0.
242	242	997	SLU_ENV	Min	-8.21	0.	0.
242	242	996	SLU_ENV	Min	-8.21	0.	0.
242	242	599	SLU_ENV	Min	-8.21	0.	0.
242	242	600	SLU_ENV	Min	-8.21	0.	0.
242	242	997	SLV_Ex		-6.97	32.14	-12.515
242	242	996	SLV_Ex		-6.97	32.14	-12.515
242	242	599	SLV_Ex		-6.97	32.14	-12.515
242	242	600	SLV_Ex		-6.97	32.14	-12.515
243	243	766	SLU_ENV	Max	-11.93	0.	0.
243	243	765	SLU_ENV	Max	-11.93	0.	0.
243	243	774	SLU_ENV	Max	-11.93	0.	0.
243	243	968	SLU_ENV	Max	-11.93	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
243	243	766	SLU_ENV	Min	-34.11	0.	0.
243	243	765	SLU_ENV	Min	-34.11	0.	0.
243	243	774	SLU_ENV	Min	-34.11	0.	0.
243	243	968	SLU_ENV	Min	-34.11	0.	0.
243	243	766	SLV_Ex		-32.07	499.3	-3.682
243	243	765	SLV_Ex		-32.07	499.3	-3.682
243	243	774	SLV_Ex		-32.07	499.3	-3.682
243	243	968	SLV_Ex		-32.07	499.3	-3.682
244	244	968	SLU_ENV	Max	-25.01	0.	0.
244	244	774	SLU_ENV	Max	-25.01	0.	0.
244	244	776	SLU_ENV	Max	-25.01	0.	0.
244	244	970	SLU_ENV	Max	-25.01	0.	0.
244	244	968	SLU_ENV	Min	-66.03	0.	0.
244	244	774	SLU_ENV	Min	-66.03	0.	0.
244	244	776	SLU_ENV	Min	-66.03	0.	0.
244	244	970	SLU_ENV	Min	-66.03	0.	0.
244	244	968	SLV_Ex		-85.67	397.62	-12.442
244	244	774	SLV_Ex		-85.67	397.62	-12.442
244	244	776	SLV_Ex		-85.67	397.62	-12.442
244	244	970	SLV_Ex		-85.67	397.62	-12.442
245	245	970	SLU_ENV	Max	-11.39	0.	0.
245	245	776	SLU_ENV	Max	-11.39	0.	0.
245	245	778	SLU_ENV	Max	-11.39	0.	0.
245	245	972	SLU_ENV	Max	-11.39	0.	0.
245	245	970	SLU_ENV	Min	-33.43	0.	0.
245	245	776	SLU_ENV	Min	-33.43	0.	0.
245	245	778	SLU_ENV	Min	-33.43	0.	0.
245	245	972	SLU_ENV	Min	-33.43	0.	0.
245	245	970	SLV_Ex		-38.79	322.82	-6.901
245	245	776	SLV_Ex		-38.79	322.82	-6.901
245	245	778	SLV_Ex		-38.79	322.82	-6.901
245	245	972	SLV_Ex		-38.79	322.82	-6.901
246	246	972	SLU_ENV	Max	-7.75	0.	0.
246	246	778	SLU_ENV	Max	-7.75	0.	0.
246	246	780	SLU_ENV	Max	-7.75	0.	0.
246	246	974	SLU_ENV	Max	-7.75	0.	0.
246	246	972	SLU_ENV	Min	-21.77	0.	0.
246	246	778	SLU_ENV	Min	-21.77	0.	0.
246	246	780	SLU_ENV	Min	-21.77	0.	0.
246	246	974	SLU_ENV	Min	-21.77	0.	0.
246	246	972	SLV_Ex		-29.41	284.25	-5.939
246	246	778	SLV_Ex		-29.41	284.25	-5.939
246	246	780	SLV_Ex		-29.41	284.25	-5.939
246	246	974	SLV_Ex		-29.41	284.25	-5.939
247	247	974	SLU_ENV	Max	-3.96	0.	0.
247	247	780	SLU_ENV	Max	-3.96	0.	0.
247	247	782	SLU_ENV	Max	-3.96	0.	0.
247	247	976	SLU_ENV	Max	-3.96	0.	0.
247	247	974	SLU_ENV	Min	-8.7	0.	0.
247	247	780	SLU_ENV	Min	-8.7	0.	0.
247	247	782	SLU_ENV	Min	-8.7	0.	0.
247	247	976	SLU_ENV	Min	-8.7	0.	0.
247	247	974	SLV_Ex		-15.15	243.28	-3.57
247	247	780	SLV_Ex		-15.15	243.28	-3.57



Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
247	247	782	SLV_Ex		-15.15	243.28	-3.57
247	247	976	SLV_Ex		-15.15	243.28	-3.57
248	248	976	SLU_ENV	Max	3.35	0.	0.
248	248	782	SLU_ENV	Max	3.35	0.	0.
248	248	784	SLU_ENV	Max	3.35	0.	0.
248	248	978	SLU_ENV	Max	3.35	0.	0.
248	248	976	SLU_ENV	Min	-7.46	0.	0.
248	248	782	SLU_ENV	Min	-7.46	0.	0.
248	248	784	SLU_ENV	Min	-7.46	0.	0.
248	248	978	SLU_ENV	Min	-7.46	0.	0.
248	248	976	SLV_Ex		-12.38	214.96	-3.301
248	248	782	SLV_Ex		-12.38	214.96	-3.301
248	248	784	SLV_Ex		-12.38	214.96	-3.301
248	248	978	SLV_Ex		-12.38	214.96	-3.301
249	249	978	SLU_ENV	Max	11.12	0.	0.
249	249	784	SLU_ENV	Max	11.12	0.	0.
249	249	786	SLU_ENV	Max	11.12	0.	0.
249	249	980	SLU_ENV	Max	11.12	0.	0.
249	249	978	SLU_ENV	Min	-5.99	0.	0.
249	249	784	SLU_ENV	Min	-5.99	0.	0.
249	249	786	SLU_ENV	Min	-5.99	0.	0.
249	249	980	SLU_ENV	Min	-5.99	0.	0.
249	249	978	SLV_Ex		-6.98	185.41	-2.157
249	249	784	SLV_Ex		-6.98	185.41	-2.157
249	249	786	SLV_Ex		-6.98	185.41	-2.157
249	249	980	SLV_Ex		-6.98	185.41	-2.157
250	250	980	SLU_ENV	Max	14.97	0.	0.
250	250	786	SLU_ENV	Max	14.97	0.	0.
250	250	788	SLU_ENV	Max	14.97	0.	0.
250	250	982	SLU_ENV	Max	14.97	0.	0.
250	250	980	SLU_ENV	Min	-5.77	0.	0.
250	250	786	SLU_ENV	Min	-5.77	0.	0.
250	250	788	SLU_ENV	Min	-5.77	0.	0.
250	250	982	SLU_ENV	Min	-5.77	0.	0.
250	250	980	SLV_Ex		-5.7	160.63	-2.035
250	250	786	SLV_Ex		-5.7	160.63	-2.035
250	250	788	SLV_Ex		-5.7	160.63	-2.035
250	250	982	SLV_Ex		-5.7	160.63	-2.035
251	251	982	SLU_ENV	Max	14.92	0.	0.
251	251	788	SLU_ENV	Max	14.92	0.	0.
251	251	790	SLU_ENV	Max	14.92	0.	0.
251	251	984	SLU_ENV	Max	14.92	0.	0.
251	251	982	SLU_ENV	Min	-5.82	0.	0.
251	251	788	SLU_ENV	Min	-5.82	0.	0.
251	251	790	SLU_ENV	Min	-5.82	0.	0.
251	251	984	SLU_ENV	Min	-5.82	0.	0.
251	251	982	SLV_Ex		-2.6	136.31	-1.094
251	251	788	SLV_Ex		-2.6	136.31	-1.094
251	251	790	SLV_Ex		-2.6	136.31	-1.094
251	251	984	SLV_Ex		-2.6	136.31	-1.094
252	252	984	SLU_ENV	Max	10.96	0.	0.
252	252	790	SLU_ENV	Max	10.96	0.	0.
252	252	792	SLU_ENV	Max	10.96	0.	0.
252	252	986	SLU_ENV	Max	10.96	0.	0.

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23	VMax	VAngle
					KN/m	KN/m	Degrees
252	252	984	SLU_ENV	Min	-6.15	0.	0.
252	252	790	SLU_ENV	Min	-6.15	0.	0.
252	252	792	SLU_ENV	Min	-6.15	0.	0.
252	252	986	SLU_ENV	Min	-6.15	0.	0.
252	252	984	SLV_Ex		-1.84	113.42	-0.932
252	252	790	SLV_Ex		-1.84	113.42	-0.932
252	252	792	SLV_Ex		-1.84	113.42	-0.932
252	252	986	SLV_Ex		-1.84	113.42	-0.932
253	253	986	SLU_ENV	Max	3.06	0.	0.
253	253	792	SLU_ENV	Max	3.06	0.	0.
253	253	794	SLU_ENV	Max	3.06	0.	0.
253	253	988	SLU_ENV	Max	3.06	0.	0.
253	253	986	SLU_ENV	Min	-7.76	0.	0.
253	253	792	SLU_ENV	Min	-7.76	0.	0.
253	253	794	SLU_ENV	Min	-7.76	0.	0.
253	253	988	SLU_ENV	Min	-7.76	0.	0.
253	253	986	SLV_Ex		1.6	93.18	0.986
253	253	792	SLV_Ex		1.6	93.18	0.986
253	253	794	SLV_Ex		1.6	93.18	0.986
253	253	988	SLV_Ex		1.6	93.18	0.986
254	254	988	SLU_ENV	Max	-4.37	0.	0.
254	254	794	SLU_ENV	Max	-4.37	0.	0.
254	254	796	SLU_ENV	Max	-4.37	0.	0.
254	254	990	SLU_ENV	Max	-4.37	0.	0.
254	254	988	SLU_ENV	Min	-9.4	0.	0.
254	254	794	SLU_ENV	Min	-9.4	0.	0.
254	254	796	SLU_ENV	Min	-9.4	0.	0.
254	254	990	SLU_ENV	Min	-9.4	0.	0.
254	254	988	SLV_Ex		1.95	71.92	1.55
254	254	794	SLV_Ex		1.95	71.92	1.55
254	254	796	SLV_Ex		1.95	71.92	1.55
254	254	990	SLV_Ex		1.95	71.92	1.55
255	255	990	SLU_ENV	Max	-8.42	0.	0.
255	255	796	SLU_ENV	Max	-8.42	0.	0.
255	255	798	SLU_ENV	Max	-8.42	0.	0.
255	255	992	SLU_ENV	Max	-8.42	0.	0.
255	255	990	SLU_ENV	Min	-22.93	0.	0.
255	255	796	SLU_ENV	Min	-22.93	0.	0.
255	255	798	SLU_ENV	Min	-22.93	0.	0.
255	255	992	SLU_ENV	Min	-22.93	0.	0.
255	255	990	SLV_Ex		9.09	58.17	8.993
255	255	796	SLV_Ex		9.09	58.17	8.993
255	255	798	SLV_Ex		9.09	58.17	8.993
255	255	992	SLV_Ex		9.09	58.17	8.993
256	256	992	SLU_ENV	Max	-12.63	0.	0.
256	256	798	SLU_ENV	Max	-12.63	0.	0.
256	256	800	SLU_ENV	Max	-12.63	0.	0.
256	256	994	SLU_ENV	Max	-12.63	0.	0.
256	256	992	SLU_ENV	Min	-35.59	0.	0.
256	256	798	SLU_ENV	Min	-35.59	0.	0.
256	256	800	SLU_ENV	Min	-35.59	0.	0.
256	256	994	SLU_ENV	Min	-35.59	0.	0.
256	256	992	SLV_Ex		9.	39.75	13.087
256	256	798	SLV_Ex		9.	39.75	13.087

Table: Element Forces - Area Shells, Part 5 of 5

Area	AreaElem	Joint	OutputCase	StepType	V23 KN/m	VMax KN/m	VAngle Degrees
256	256	800	SLV_Ex		9.	39.75	13.087
256	256	994	SLV_Ex		9.	39.75	13.087
257	257	994	SLU_ENV	Max	-27.12	0.	0.
257	257	800	SLU_ENV	Max	-27.12	0.	0.
257	257	802	SLU_ENV	Max	-27.12	0.	0.
257	257	996	SLU_ENV	Max	-27.12	0.	0.
257	257	994	SLU_ENV	Min	-69.72	0.	0.
257	257	800	SLU_ENV	Min	-69.72	0.	0.
257	257	802	SLU_ENV	Min	-69.72	0.	0.
257	257	996	SLU_ENV	Min	-69.72	0.	0.
257	257	994	SLV_Ex		30.3	46.27	40.906
257	257	800	SLV_Ex		30.3	46.27	40.906
257	257	802	SLV_Ex		30.3	46.27	40.906
257	257	996	SLV_Ex		30.3	46.27	40.906
258	258	996	SLU_ENV	Max	-13.56	0.	0.
258	258	802	SLU_ENV	Max	-13.56	0.	0.
258	258	598	SLU_ENV	Max	-13.56	0.	0.
258	258	599	SLU_ENV	Max	-13.56	0.	0.
258	258	996	SLU_ENV	Min	-36.96	0.	0.
258	258	802	SLU_ENV	Min	-36.96	0.	0.
258	258	598	SLU_ENV	Min	-36.96	0.	0.
258	258	599	SLU_ENV	Min	-36.96	0.	0.
258	258	996	SLV_Ex		2.7	34.47	4.495
258	258	802	SLV_Ex		2.7	34.47	4.495
258	258	598	SLV_Ex		2.7	34.47	4.495
258	258	599	SLV_Ex		2.7	34.47	4.495

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
1	0.	SLU_ENV	Combination	Max	-37.45	4.956	0.207	0.
1	0.5	SLU_ENV	Combination	Max	-27.632	4.956	0.207	0.
1	1.	SLU_ENV	Combination	Max	-17.815	4.956	0.207	0.
1	0.	SLU_ENV	Combination	Min	-62.83	1.962	-0.145	0.
1	0.5	SLU_ENV	Combination	Min	-49.576	1.962	-0.145	0.
1	1.	SLU_ENV	Combination	Min	-36.323	1.962	-0.145	0.
1	0.	SLV_Ex	Combination		-32.955	-34.39	-1.782	0.
1	0.5	SLV_Ex	Combination		-23.138	-34.39	-1.782	0.
1	1.	SLV_Ex	Combination		-13.32	-34.39	-1.782	0.
11	0.	SLU_ENV	Combination	Max	-55.276	8.077	0.367	0.
11	0.5	SLU_ENV	Combination	Max	-45.459	8.077	0.367	0.
11	1.	SLU_ENV	Combination	Max	-35.641	8.077	0.367	0.
11	0.	SLU_ENV	Combination	Min	-99.173	3.196	-0.372	0.
11	0.5	SLU_ENV	Combination	Min	-85.919	3.196	-0.372	0.
11	1.	SLU_ENV	Combination	Min	-72.665	3.196	-0.372	0.
11	0.	SLV_Ex	Combination		-46.285	-62.464	-3.252	0.
11	0.5	SLV_Ex	Combination		-36.468	-62.464	-3.252	0.
11	1.	SLV_Ex	Combination		-26.65	-62.464	-3.252	0.
12	0.	SLU_ENV	Combination	Max	-73.121	9.33	0.479	0.
12	0.5	SLU_ENV	Combination	Max	-63.303	9.33	0.479	0.
12	1.	SLU_ENV	Combination	Max	-53.486	9.33	0.479	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
12	0.	SLU_ENV	Combination	Min	-135.55	3.69	-0.68	0.
12	0.5	SLU_ENV	Combination	Min	-122.296	3.69	-0.68	0.
12	1.	SLU_ENV	Combination	Min	-109.043	3.69	-0.68	0.
12	0.	SLV_Ex	Combination		-59.63	-84.	-4.4	0.
12	0.5	SLV_Ex	Combination		-49.812	-84.	-4.4	0.
12	1.	SLV_Ex	Combination		-39.995	-84.	-4.4	0.
13	0.	SLU_ENV	Combination	Max	-90.991	8.63	0.54	0.
13	0.5	SLU_ENV	Combination	Max	-81.173	8.63	0.54	0.
13	1.	SLU_ENV	Combination	Max	-71.356	8.63	0.54	0.
13	0.	SLU_ENV	Combination	Min	-171.977	3.409	-1.066	0.
13	0.5	SLU_ENV	Combination	Min	-158.723	3.409	-1.066	0.
13	1.	SLU_ENV	Combination	Min	-145.47	3.409	-1.066	0.
13	0.	SLV_Ex	Combination		-72.994	-98.37	-5.192	0.
13	0.5	SLV_Ex	Combination		-63.177	-98.37	-5.192	0.
13	1.	SLV_Ex	Combination		-53.359	-98.37	-5.192	0.
14	0.	SLU_ENV	Combination	Max	-108.894	5.833	0.543	0.
14	0.5	SLU_ENV	Combination	Max	-99.076	5.833	0.543	0.
14	1.	SLU_ENV	Combination	Max	-89.259	5.833	0.543	0.
14	0.	SLU_ENV	Combination	Min	-208.468	2.297	-1.521	0.
14	0.5	SLU_ENV	Combination	Min	-195.215	2.297	-1.521	0.
14	1.	SLU_ENV	Combination	Min	-181.961	2.297	-1.521	0.
14	0.	SLV_Ex	Combination		-86.385	-104.402	-5.568	0.
14	0.5	SLV_Ex	Combination		-76.567	-104.402	-5.568	0.
14	1.	SLV_Ex	Combination		-66.75	-104.402	-5.568	0.
15	0.	SLU_ENV	Combination	Max	-126.837	0.738	0.477	0.
15	0.5	SLU_ENV	Combination	Max	-117.02	0.738	0.477	0.
15	1.	SLU_ENV	Combination	Max	-107.202	0.738	0.477	0.
15	0.	SLU_ENV	Combination	Min	-245.039	0.274	-2.031	0.
15	0.5	SLU_ENV	Combination	Min	-231.785	0.274	-2.031	0.
15	1.	SLU_ENV	Combination	Min	-218.532	0.274	-2.031	0.
15	0.	SLV_Ex	Combination		-99.806	-100.287	-5.433	0.
15	0.5	SLV_Ex	Combination		-89.988	-100.287	-5.433	0.
15	1.	SLV_Ex	Combination		-80.171	-100.287	-5.433	0.
16	0.	SLU_ENV	Combination	Max	-144.828	-2.754	0.328	0.
16	0.5	SLU_ENV	Combination	Max	-135.01	-2.754	0.328	0.
16	1.	SLU_ENV	Combination	Max	-125.193	-2.754	0.328	0.
16	0.	SLU_ENV	Combination	Min	-281.703	-6.893	-2.571	0.
16	0.5	SLU_ENV	Combination	Min	-268.449	-6.893	-2.571	0.
16	1.	SLU_ENV	Combination	Min	-255.196	-6.893	-2.571	0.
16	0.	SLV_Ex	Combination		-113.264	-83.541	-4.656	0.
16	0.5	SLV_Ex	Combination		-103.446	-83.541	-4.656	0.
16	1.	SLV_Ex	Combination		-93.629	-83.541	-4.656	0.
17	0.	SLU_ENV	Combination	Max	-162.873	-6.884	0.08	9.368E-18
17	0.5	SLU_ENV	Combination	Max	-153.055	-6.884	0.08	9.368E-18
17	1.	SLU_ENV	Combination	Max	-143.238	-6.884	0.08	9.368E-18
17	0.	SLU_ENV	Combination	Min	-318.476	-17.305	-3.105	0.
17	0.5	SLU_ENV	Combination	Min	-305.222	-17.305	-3.105	0.
17	1.	SLU_ENV	Combination	Min	-291.969	-17.305	-3.105	0.
17	0.	SLV_Ex	Combination		-126.763	-51.029	-3.072	6.939E-18
17	0.5	SLV_Ex	Combination		-116.946	-51.029	-3.072	6.939E-18
17	1.	SLV_Ex	Combination		-107.128	-51.029	-3.072	6.939E-18
18	0.	SLU_ENV	Combination	Max	-180.98	-12.193	-0.287	1.887E-16
18	0.5	SLU_ENV	Combination	Max	-171.163	-12.193	-0.287	1.887E-16
18	1.	SLU_ENV	Combination	Max	-161.345	-12.193	-0.287	1.887E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
18	0.	SLU_ENV	Combination	Min	-355.372	-30.695	-3.577	-1.405E-16
18	0.5	SLU_ENV	Combination	Min	-342.119	-30.695	-3.577	-1.405E-16
18	1.	SLU_ENV	Combination	Min	-328.865	-30.695	-3.577	-1.405E-16
18	0.	SLV_Ex	Combination		-140.31	0.926	-0.482	-2.853E-14
18	0.5	SLV_Ex	Combination		-130.493	0.926	-0.482	-2.853E-14
18	1.	SLV_Ex	Combination		-120.675	0.926	-0.482	-2.853E-14
19	0.	SLU_ENV	Combination	Max	-199.157	-18.715	-0.791	1.887E-16
19	0.5	SLU_ENV	Combination	Max	-189.339	-18.715	-0.791	1.887E-16
19	1.	SLU_ENV	Combination	Max	-179.522	-18.715	-0.791	1.887E-16
19	0.	SLU_ENV	Combination	Min	-392.407	-47.15	-3.913	-1.499E-16
19	0.5	SLU_ENV	Combination	Min	-379.154	-47.15	-3.913	-1.499E-16
19	1.	SLU_ENV	Combination	Min	-365.9	-47.15	-3.913	-1.499E-16
19	0.	SLV_Ex	Combination		-153.91	76.33	3.327	-2.853E-14
19	0.5	SLV_Ex	Combination		-144.093	76.33	3.327	-2.853E-14
19	1.	SLV_Ex	Combination		-134.275	76.33	3.327	-2.853E-14
20	0.	SLU_ENV	Combination	Max	-217.41	-26.404	-1.451	1.887E-16
20	0.5	SLU_ENV	Combination	Max	-207.592	-26.404	-1.451	1.887E-16
20	1.	SLU_ENV	Combination	Max	-197.775	-26.404	-1.451	1.887E-16
20	0.	SLU_ENV	Combination	Min	-429.596	-66.558	-4.015	-1.405E-16
20	0.5	SLU_ENV	Combination	Min	-416.342	-66.558	-4.015	-1.405E-16
20	1.	SLU_ENV	Combination	Min	-403.088	-66.558	-4.015	-1.405E-16
20	0.	SLV_Ex	Combination		-167.568	179.184	8.576	-2.853E-14
20	0.5	SLV_Ex	Combination		-157.751	179.184	8.576	-2.853E-14
20	1.	SLV_Ex	Combination		-147.933	179.184	8.576	-2.853E-14
21	0.	SLU_ENV	Combination	Max	-235.747	-35.095	-2.28	8.349E-15
21	0.5	SLU_ENV	Combination	Max	-225.929	-35.095	-2.28	8.349E-15
21	1.	SLU_ENV	Combination	Max	-216.112	-35.095	-2.28	8.349E-15
21	0.	SLU_ENV	Combination	Min	-466.953	-88.502	-3.761	-3.388E-14
21	0.5	SLU_ENV	Combination	Min	-453.699	-88.502	-3.761	-3.388E-14
21	1.	SLU_ENV	Combination	Min	-440.445	-88.502	-3.761	-3.388E-14
21	0.	SLV_Ex	Combination		-181.29	312.994	15.462	-4.230E-13
21	0.5	SLV_Ex	Combination		-171.473	312.994	15.462	-4.230E-13
21	1.	SLV_Ex	Combination		-161.655	312.994	15.462	-4.230E-13
22	0.	SLU_ENV	Combination	Max	-216.112	-35.095	-2.28	7.827E-15
22	0.5	SLU_ENV	Combination	Max	-206.295	-35.095	-2.28	7.827E-15
22	1.	SLU_ENV	Combination	Max	-196.477	-35.095	-2.28	7.827E-15
22	0.	SLU_ENV	Combination	Min	-440.445	-88.502	-3.761	-3.419E-14
22	0.5	SLU_ENV	Combination	Min	-427.192	-88.502	-3.761	-3.419E-14
22	1.	SLU_ENV	Combination	Min	-413.938	-88.502	-3.761	-3.419E-14
22	0.	SLV_Ex	Combination		-161.655	248.244	15.462	-4.232E-13
22	0.5	SLV_Ex	Combination		-151.838	242.668	15.462	-4.232E-13
22	1.	SLV_Ex	Combination		-142.02	237.092	15.462	-4.232E-13
23	0.	SLU_ENV	Combination	Max	-196.477	-35.095	-2.28	7.938E-15
23	0.5	SLU_ENV	Combination	Max	-186.66	-35.095	-2.28	7.938E-15
23	1.	SLU_ENV	Combination	Max	-176.842	-35.095	-2.28	7.938E-15
23	0.	SLU_ENV	Combination	Min	-413.938	-88.502	-3.761	-3.403E-14
23	0.5	SLU_ENV	Combination	Min	-400.685	-88.502	-3.761	-3.403E-14
23	1.	SLU_ENV	Combination	Min	-387.431	-88.502	-3.761	-3.403E-14
23	0.	SLV_Ex	Combination		-142.02	172.342	15.462	-4.515E-13
23	0.5	SLV_Ex	Combination		-132.203	166.765	15.462	-4.515E-13
23	1.	SLV_Ex	Combination		-122.385	161.189	15.462	-4.515E-13
24	0.	SLU_ENV	Combination	Max	-176.842	-35.095	-2.28	8.538E-15
24	0.5	SLU_ENV	Combination	Max	-167.025	-35.095	-2.28	8.538E-15
24	1.	SLU_ENV	Combination	Max	-157.207	-35.095	-2.28	8.538E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
24	0.	SLU_ENV	Combination	Min	-387.431	-88.502	-3.761	-3.403E-14
24	0.5	SLU_ENV	Combination	Min	-374.178	-88.502	-3.761	-3.403E-14
24	1.	SLU_ENV	Combination	Min	-360.924	-88.502	-3.761	-3.403E-14
24	0.	SLV_Ex	Combination		-122.385	96.439	15.462	-4.515E-13
24	0.5	SLV_Ex	Combination		-112.568	90.863	15.462	-4.515E-13
24	1.	SLV_Ex	Combination		-102.75	85.286	15.462	-4.515E-13
25	0.	SLU_ENV	Combination	Max	-157.207	-35.095	-2.28	7.638E-15
25	0.5	SLU_ENV	Combination	Max	-147.39	-35.095	-2.28	7.638E-15
25	1.	SLU_ENV	Combination	Max	-137.572	-35.095	-2.28	7.638E-15
25	0.	SLU_ENV	Combination	Min	-360.924	-88.502	-3.761	-3.402E-14
25	0.5	SLU_ENV	Combination	Min	-347.67	-88.502	-3.761	-3.402E-14
25	1.	SLU_ENV	Combination	Min	-334.417	-88.502	-3.761	-3.402E-14
25	0.	SLV_Ex	Combination		-102.75	20.536	15.462	-4.515E-13
25	0.5	SLV_Ex	Combination		-92.933	14.96	15.462	-4.515E-13
25	1.	SLV_Ex	Combination		-83.115	9.384	15.462	-4.515E-13
26	0.	SLU_ENV	Combination	Max	-137.57	-35.102	-2.28	0.0021
26	0.5	SLU_ENV	Combination	Max	-127.753	-35.101	-2.28	0.0021
26	1.	SLU_ENV	Combination	Max	-117.935	-35.101	-2.28	0.0021
26	0.	SLU_ENV	Combination	Min	-334.412	-88.518	-3.761	5.432E-04
26	0.5	SLU_ENV	Combination	Min	-321.159	-88.518	-3.761	5.432E-04
26	1.	SLU_ENV	Combination	Min	-307.905	-88.517	-3.761	5.432E-04
26	0.	SLV_Ex	Combination		-83.113	-55.371	15.462	-0.0028
26	0.5	SLV_Ex	Combination		-73.295	-60.946	15.462	-0.0028
26	1.	SLV_Ex	Combination		-63.477	-66.522	15.462	-0.0028
27	0.	SLU_ENV	Combination	Max	-38.606	5.005	0.144	0.
27	0.5	SLU_ENV	Combination	Max	-28.788	5.005	0.144	0.
27	1.	SLU_ENV	Combination	Max	-18.971	5.005	0.144	0.
27	0.	SLU_ENV	Combination	Min	-63.511	2.048	-0.261	0.
27	0.5	SLU_ENV	Combination	Min	-50.257	2.048	-0.261	0.
27	1.	SLU_ENV	Combination	Min	-37.004	2.048	-0.261	0.
27	0.	SLV_Ex	Combination		-33.506	-34.769	-1.889	0.
27	0.5	SLV_Ex	Combination		-23.689	-34.769	-1.889	0.
27	1.	SLV_Ex	Combination		-13.871	-34.769	-1.889	0.
30	0.	SLU_ENV	Combination	Max	-36.147	4.225	0.087	0.
30	0.5	SLU_ENV	Combination	Max	-26.329	4.225	0.087	0.
30	1.	SLU_ENV	Combination	Max	-16.512	4.225	0.087	0.
30	0.	SLU_ENV	Combination	Min	-62.061	1.628	-0.186	0.
30	0.5	SLU_ENV	Combination	Min	-48.807	1.628	-0.186	0.
30	1.	SLU_ENV	Combination	Min	-35.554	1.628	-0.186	0.
30	0.	SLV_Ex	Combination		-31.727	-33.132	-1.378	0.
30	0.5	SLV_Ex	Combination		-21.91	-33.132	-1.378	0.
30	1.	SLV_Ex	Combination		-12.092	-33.132	-1.378	0.
40	0.	SLU_ENV	Combination	Max	-52.669	6.882	0.172	0.
40	0.5	SLU_ENV	Combination	Max	-42.852	6.882	0.172	0.
40	1.	SLU_ENV	Combination	Max	-33.034	6.882	0.172	0.
40	0.	SLU_ENV	Combination	Min	-97.634	2.651	-0.439	0.
40	0.5	SLU_ENV	Combination	Min	-84.381	2.651	-0.439	0.
40	1.	SLU_ENV	Combination	Min	-71.127	2.651	-0.439	0.
40	0.	SLV_Ex	Combination		-43.829	-60.377	-2.593	0.
40	0.5	SLV_Ex	Combination		-34.011	-60.377	-2.593	0.
40	1.	SLV_Ex	Combination		-24.194	-60.377	-2.593	0.
41	0.	SLU_ENV	Combination	Max	-69.209	7.943	0.254	0.
41	0.5	SLU_ENV	Combination	Max	-59.391	7.943	0.254	0.
41	1.	SLU_ENV	Combination	Max	-49.574	7.943	0.254	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
41	0.	SLU_ENV	Combination	Min	-133.242	3.058	-0.756	0.
41	0.5	SLU_ENV	Combination	Min	-119.988	3.058	-0.756	0.
41	1.	SLU_ENV	Combination	Min	-106.735	3.058	-0.756	0.
41	0.	SLV_Ex	Combination		-55.944	-81.519	-3.636	0.
41	0.5	SLV_Ex	Combination		-46.126	-81.519	-3.636	0.
41	1.	SLV_Ex	Combination		-36.309	-81.519	-3.636	0.
42	0.	SLU_ENV	Combination	Max	-85.773	7.337	0.333	0.
42	0.5	SLU_ENV	Combination	Max	-75.955	7.337	0.333	0.
42	1.	SLU_ENV	Combination	Max	-66.138	7.337	0.333	0.
42	0.	SLU_ENV	Combination	Min	-168.898	2.821	-1.135	0.
42	0.5	SLU_ENV	Combination	Min	-155.645	2.821	-1.135	0.
42	1.	SLU_ENV	Combination	Min	-142.391	2.821	-1.135	0.
42	0.	SLV_Ex	Combination		-68.077	-95.952	-4.481	0.
42	0.5	SLV_Ex	Combination		-58.26	-95.952	-4.481	0.
42	1.	SLV_Ex	Combination		-48.442	-95.952	-4.481	0.
43	0.	SLU_ENV	Combination	Max	-102.367	4.94	0.405	0.
43	0.5	SLU_ENV	Combination	Max	-92.55	4.94	0.405	0.
43	1.	SLU_ENV	Combination	Max	-82.732	4.94	0.405	0.
43	0.	SLU_ENV	Combination	Min	-204.617	1.892	-1.566	0.
43	0.5	SLU_ENV	Combination	Min	-191.364	1.892	-1.566	0.
43	1.	SLU_ENV	Combination	Min	-178.11	1.892	-1.566	0.
43	0.	SLV_Ex	Combination		-80.235	-102.543	-5.079	0.
43	0.5	SLV_Ex	Combination		-70.417	-102.543	-5.079	0.
43	1.	SLV_Ex	Combination		-60.6	-102.543	-5.079	0.
44	0.	SLU_ENV	Combination	Max	-118.999	0.581	0.463	0.
44	0.5	SLU_ENV	Combination	Max	-109.182	0.581	0.463	0.
44	1.	SLU_ENV	Combination	Max	-99.364	0.581	0.463	0.
44	0.	SLU_ENV	Combination	Min	-240.414	0.206	-2.033	0.
44	0.5	SLU_ENV	Combination	Min	-227.16	0.206	-2.033	0.
44	1.	SLU_ENV	Combination	Min	-213.907	0.206	-2.033	0.
44	0.	SLV_Ex	Combination		-92.42	-99.536	-5.352	0.
44	0.5	SLV_Ex	Combination		-82.603	-99.536	-5.352	0.
44	1.	SLV_Ex	Combination		-72.785	-99.536	-5.352	0.
45	0.	SLU_ENV	Combination	Max	-135.675	-2.315	0.501	0.
45	0.5	SLU_ENV	Combination	Max	-125.858	-2.315	0.501	0.
45	1.	SLU_ENV	Combination	Max	-116.04	-2.315	0.501	0.
45	0.	SLU_ENV	Combination	Min	-276.303	-5.943	-2.509	0.
45	0.5	SLU_ENV	Combination	Min	-263.049	-5.943	-2.509	0.
45	1.	SLU_ENV	Combination	Min	-249.795	-5.943	-2.509	0.
45	0.	SLV_Ex	Combination		-104.64	-84.512	-5.189	0.
45	0.5	SLV_Ex	Combination		-94.822	-84.512	-5.189	0.
45	1.	SLV_Ex	Combination		-85.005	-84.512	-5.189	0.
46	0.	SLU_ENV	Combination	Max	-152.402	-5.751	0.507	0.
46	0.5	SLU_ENV	Combination	Max	-142.585	-5.751	0.507	0.
46	1.	SLU_ENV	Combination	Max	-132.768	-5.751	0.507	0.
46	0.	SLU_ENV	Combination	Min	-312.298	-14.838	-2.956	0.
46	0.5	SLU_ENV	Combination	Min	-299.044	-14.838	-2.956	0.
46	1.	SLU_ENV	Combination	Min	-285.791	-14.838	-2.956	0.
46	0.	SLV_Ex	Combination		-116.897	-54.405	-4.443	0.
46	0.5	SLV_Ex	Combination		-107.08	-54.405	-4.443	0.
46	1.	SLV_Ex	Combination		-97.262	-54.405	-4.443	0.
47	0.	SLU_ENV	Combination	Max	-169.187	-10.166	0.466	0.
47	0.5	SLU_ENV	Combination	Max	-159.37	-10.166	0.466	0.
47	1.	SLU_ENV	Combination	Max	-149.552	-10.166	0.466	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
47	0.	SLU_ENV	Combination	Min	-348.414	-26.274	-3.316	0.
47	0.5	SLU_ENV	Combination	Min	-335.16	-26.274	-3.316	0.
47	1.	SLU_ENV	Combination	Min	-321.907	-26.274	-3.316	0.
47	0.	SLV_Ex	Combination		-129.198	-5.605	-2.935	0.
47	0.5	SLV_Ex	Combination		-119.381	-5.605	-2.935	0.
47	1.	SLV_Ex	Combination		-109.563	-5.605	-2.935	0.
48	0.	SLU_ENV	Combination	Max	-186.037	-15.587	0.362	1.499E-16
48	0.5	SLU_ENV	Combination	Max	-176.219	-15.587	0.362	1.499E-16
48	1.	SLU_ENV	Combination	Max	-166.402	-15.587	0.362	1.499E-16
48	0.	SLU_ENV	Combination	Min	-384.666	-40.321	-3.515	0.
48	0.5	SLU_ENV	Combination	Min	-371.412	-40.321	-3.515	0.
48	1.	SLU_ENV	Combination	Min	-358.159	-40.321	-3.515	0.
48	0.	SLV_Ex	Combination		-141.548	65.854	-0.457	1.110E-16
48	0.5	SLV_Ex	Combination		-131.73	65.854	-0.457	1.110E-16
48	1.	SLV_Ex	Combination		-121.913	65.854	-0.457	1.110E-16
49	0.	SLU_ENV	Combination	Max	-202.958	-21.976	0.172	0.
49	0.5	SLU_ENV	Combination	Max	-193.14	-21.976	0.172	0.
49	1.	SLU_ENV	Combination	Max	-183.323	-21.976	0.172	0.
49	0.	SLU_ENV	Combination	Min	-421.068	-56.882	-3.457	-1.499E-16
49	0.5	SLU_ENV	Combination	Min	-407.815	-56.882	-3.457	-1.499E-16
49	1.	SLU_ENV	Combination	Min	-394.561	-56.882	-3.457	-1.499E-16
49	0.	SLV_Ex	Combination		-153.95	163.972	3.218	-2.853E-14
49	0.5	SLV_Ex	Combination		-144.133	163.972	3.218	-2.853E-14
49	1.	SLV_Ex	Combination		-134.315	163.972	3.218	-2.853E-14
50	0.	SLU_ENV	Combination	Max	-219.957	-29.192	-0.124	1.199E-15
50	0.5	SLU_ENV	Combination	Max	-210.139	-29.192	-0.124	1.199E-15
50	1.	SLU_ENV	Combination	Max	-200.322	-29.192	-0.124	1.199E-15
50	0.	SLU_ENV	Combination	Min	-457.636	-75.597	-3.022	0.
50	0.5	SLU_ENV	Combination	Min	-444.382	-75.597	-3.022	0.
50	1.	SLU_ENV	Combination	Min	-431.129	-75.597	-3.022	0.
50	0.	SLV_Ex	Combination		-166.411	292.323	8.321	0.
50	0.5	SLV_Ex	Combination		-156.594	292.323	8.321	0.
50	1.	SLV_Ex	Combination		-146.776	292.323	8.321	0.
51	0.	SLU_ENV	Combination	Max	-200.322	-29.192	-0.124	0.
51	0.5	SLU_ENV	Combination	Max	-190.504	-29.192	-0.124	0.
51	1.	SLU_ENV	Combination	Max	-180.687	-29.192	-0.124	0.
51	0.	SLU_ENV	Combination	Min	-431.129	-75.597	-3.022	-1.199E-15
51	0.5	SLU_ENV	Combination	Min	-417.875	-75.597	-3.022	-1.199E-15
51	1.	SLU_ENV	Combination	Min	-404.621	-75.597	-3.022	-1.199E-15
51	0.	SLV_Ex	Combination		-146.776	227.573	8.321	0.
51	0.5	SLV_Ex	Combination		-136.959	221.997	8.321	0.
51	1.	SLV_Ex	Combination		-127.141	216.42	8.321	0.
52	0.	SLU_ENV	Combination	Max	-180.687	-29.192	-0.124	1.349E-15
52	0.5	SLU_ENV	Combination	Max	-170.869	-29.192	-0.124	1.349E-15
52	1.	SLU_ENV	Combination	Max	-161.052	-29.192	-0.124	1.349E-15
52	0.	SLU_ENV	Combination	Min	-404.621	-75.597	-3.022	8.882E-16
52	0.5	SLU_ENV	Combination	Min	-391.368	-75.597	-3.022	8.882E-16
52	1.	SLU_ENV	Combination	Min	-378.114	-75.597	-3.022	8.882E-16
52	0.	SLV_Ex	Combination		-127.141	151.67	8.321	9.992E-16
52	0.5	SLV_Ex	Combination		-117.324	146.094	8.321	9.992E-16
52	1.	SLV_Ex	Combination		-107.506	140.518	8.321	9.992E-16
53	0.	SLU_ENV	Combination	Max	-161.052	-29.192	-0.124	-8.882E-16
53	0.5	SLU_ENV	Combination	Max	-151.234	-29.192	-0.124	-8.882E-16
53	1.	SLU_ENV	Combination	Max	-141.417	-29.192	-0.124	-8.882E-16



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
53	0.	SLU_ENV	Combination	Min	-378.114	-75.597	-3.022	-1.349E-15
53	0.5	SLU_ENV	Combination	Min	-364.861	-75.597	-3.022	-1.349E-15
53	1.	SLU_ENV	Combination	Min	-351.607	-75.597	-3.022	-1.349E-15
53	0.	SLV_Ex	Combination		-107.506	75.768	8.321	2.742E-14
53	0.5	SLV_Ex	Combination		-97.689	70.192	8.321	2.742E-14
53	1.	SLV_Ex	Combination		-87.871	64.615	8.321	2.742E-14
54	0.	SLU_ENV	Combination	Max	-141.417	-29.192	-0.124	-8.882E-16
54	0.5	SLU_ENV	Combination	Max	-131.599	-29.192	-0.124	-8.882E-16
54	1.	SLU_ENV	Combination	Max	-121.782	-29.192	-0.124	-8.882E-16
54	0.	SLU_ENV	Combination	Min	-351.607	-75.597	-3.022	-3.747E-15
54	0.5	SLU_ENV	Combination	Min	-338.353	-75.597	-3.022	-3.747E-15
54	1.	SLU_ENV	Combination	Min	-325.1	-75.597	-3.022	-3.747E-15
54	0.	SLV_Ex	Combination		-87.871	-0.135	8.321	8.427E-14
54	0.5	SLV_Ex	Combination		-78.054	-5.711	8.321	8.427E-14
54	1.	SLV_Ex	Combination		-68.236	-11.287	8.321	8.427E-14
55	0.	SLU_ENV	Combination	Max	-121.78	-29.198	-0.124	0.0018
55	0.5	SLU_ENV	Combination	Max	-111.963	-29.198	-0.124	0.0018
55	1.	SLU_ENV	Combination	Max	-102.145	-29.197	-0.124	0.0018
55	0.	SLU_ENV	Combination	Min	-325.096	-75.613	-3.022	-1.544E-04
55	0.5	SLU_ENV	Combination	Min	-311.842	-75.613	-3.022	-1.544E-04
55	1.	SLU_ENV	Combination	Min	-298.589	-75.612	-3.022	-1.544E-04
55	0.	SLV_Ex	Combination		-68.233	-76.041	8.321	-4.621E-04
55	0.5	SLV_Ex	Combination		-58.415	-81.617	8.321	-4.621E-04
55	1.	SLV_Ex	Combination		-48.597	-87.193	8.321	-4.621E-04
63	0.	SLU_ENV	Combination	Max	-57.588	8.157	0.263	0.
63	0.5	SLU_ENV	Combination	Max	-47.77	8.157	0.263	0.
63	1.	SLU_ENV	Combination	Max	-37.953	8.157	0.263	0.
63	0.	SLU_ENV	Combination	Min	-100.535	3.337	-0.561	0.
63	0.5	SLU_ENV	Combination	Min	-87.282	3.337	-0.561	0.
63	1.	SLU_ENV	Combination	Min	-74.028	3.337	-0.561	0.
63	0.	SLV_Ex	Combination		-47.387	-63.117	-3.427	0.
63	0.5	SLV_Ex	Combination		-37.57	-63.117	-3.427	0.
63	1.	SLV_Ex	Combination		-27.752	-63.117	-3.427	0.
64	0.	SLU_ENV	Combination	Max	-76.59	9.423	0.358	0.
64	0.5	SLU_ENV	Combination	Max	-66.772	9.423	0.358	0.
64	1.	SLU_ENV	Combination	Max	-56.955	9.423	0.358	0.
64	0.	SLU_ENV	Combination	Min	-137.595	3.853	-0.899	0.
64	0.5	SLU_ENV	Combination	Min	-124.341	3.853	-0.899	0.
64	1.	SLU_ENV	Combination	Min	-111.088	3.853	-0.899	0.
64	0.	SLV_Ex	Combination		-61.283	-84.819	-4.603	0.
64	0.5	SLV_Ex	Combination		-51.466	-84.819	-4.603	0.
64	1.	SLV_Ex	Combination		-41.648	-84.819	-4.603	0.
65	0.	SLU_ENV	Combination	Max	-95.618	8.718	0.426	0.
65	0.5	SLU_ENV	Combination	Max	-85.801	8.718	0.426	0.
65	1.	SLU_ENV	Combination	Max	-75.983	8.718	0.426	0.
65	0.	SLU_ENV	Combination	Min	-174.705	3.561	-1.27	0.
65	0.5	SLU_ENV	Combination	Min	-161.451	3.561	-1.27	0.
65	1.	SLU_ENV	Combination	Min	-148.197	3.561	-1.27	0.
65	0.	SLV_Ex	Combination		-75.2	-99.24	-5.382	0.
65	0.5	SLV_Ex	Combination		-65.383	-99.24	-5.382	0.
65	1.	SLV_Ex	Combination		-55.565	-99.24	-5.382	0.
66	0.	SLU_ENV	Combination	Max	-114.682	5.896	0.461	0.
66	0.5	SLU_ENV	Combination	Max	-104.864	5.896	0.461	0.
66	1.	SLU_ENV	Combination	Max	-95.047	5.896	0.461	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
66	0.	SLU_ENV	Combination	Min	-211.88	2.401	-1.663	0.
66	0.5	SLU_ENV	Combination	Min	-198.626	2.401	-1.663	0.
66	1.	SLU_ENV	Combination	Min	-185.373	2.401	-1.663	0.
66	0.	SLV_Ex	Combination		-89.144	-105.198	-5.7	0.
66	0.5	SLV_Ex	Combination		-79.326	-105.198	-5.7	0.
66	1.	SLV_Ex	Combination		-69.509	-105.198	-5.7	0.
67	0.	SLU_ENV	Combination	Max	-133.788	0.754	0.457	0.
67	0.5	SLU_ENV	Combination	Max	-123.97	0.754	0.457	0.
67	1.	SLU_ENV	Combination	Max	-114.153	0.754	0.457	0.
67	0.	SLU_ENV	Combination	Min	-249.135	0.29	-2.057	0.
67	0.5	SLU_ENV	Combination	Min	-235.882	0.29	-2.057	0.
67	1.	SLU_ENV	Combination	Min	-222.628	0.29	-2.057	0.
67	0.	SLV_Ex	Combination		-103.12	-100.866	-5.457	0.
67	0.5	SLV_Ex	Combination		-93.302	-100.866	-5.457	0.
67	1.	SLV_Ex	Combination		-83.485	-100.866	-5.457	0.
68	0.	SLU_ENV	Combination	Max	-152.944	-2.869	0.401	0.
68	0.5	SLU_ENV	Combination	Max	-143.126	-2.869	0.401	0.
68	1.	SLU_ENV	Combination	Max	-133.309	-2.869	0.401	0.
68	0.	SLU_ENV	Combination	Min	-286.487	-6.95	-2.424	0.
68	0.5	SLU_ENV	Combination	Min	-273.233	-6.95	-2.424	0.
68	1.	SLU_ENV	Combination	Min	-259.979	-6.95	-2.424	0.
68	0.	SLV_Ex	Combination		-117.133	-83.736	-4.518	0.
68	0.5	SLV_Ex	Combination		-107.315	-83.736	-4.518	0.
68	1.	SLV_Ex	Combination		-97.498	-83.736	-4.518	0.
69	0.	SLU_ENV	Combination	Max	-172.158	-7.178	0.281	0.
69	0.5	SLU_ENV	Combination	Max	-162.34	-7.178	0.281	0.
69	1.	SLU_ENV	Combination	Max	-152.523	-7.178	0.281	0.
69	0.	SLU_ENV	Combination	Min	-323.948	-17.46	-2.72	0.
69	0.5	SLU_ENV	Combination	Min	-310.695	-17.46	-2.72	0.
69	1.	SLU_ENV	Combination	Min	-297.441	-17.46	-2.72	0.
69	0.	SLV_Ex	Combination		-131.19	-50.645	-2.712	0.
69	0.5	SLV_Ex	Combination		-121.372	-50.645	-2.712	0.
69	1.	SLV_Ex	Combination		-111.555	-50.645	-2.712	0.
70	0.	SLU_ENV	Combination	Max	-191.438	-12.718	0.081	0.
70	0.5	SLU_ENV	Combination	Max	-181.62	-12.718	0.081	0.
70	1.	SLU_ENV	Combination	Max	-171.803	-12.718	0.081	0.
70	0.	SLU_ENV	Combination	Min	-361.536	-30.978	-2.884	0.
70	0.5	SLU_ENV	Combination	Min	-348.282	-30.978	-2.884	0.
70	1.	SLU_ENV	Combination	Min	-335.029	-30.978	-2.884	0.
70	0.	SLV_Ex	Combination		-145.296	2.108	0.163	0.
70	0.5	SLV_Ex	Combination		-135.478	2.108	0.163	0.
70	1.	SLV_Ex	Combination		-125.661	2.108	0.163	0.
71	0.	SLU_ENV	Combination	Max	-210.791	-19.525	-0.218	0.
71	0.5	SLU_ENV	Combination	Max	-200.973	-19.525	-0.218	0.
71	1.	SLU_ENV	Combination	Max	-191.156	-19.525	-0.218	0.
71	0.	SLU_ENV	Combination	Min	-399.264	-47.592	-2.842	0.
71	0.5	SLU_ENV	Combination	Min	-386.011	-47.592	-2.842	0.
71	1.	SLU_ENV	Combination	Min	-372.757	-47.592	-2.842	0.
71	0.	SLV_Ex	Combination		-159.456	78.557	4.325	0.
71	0.5	SLV_Ex	Combination		-149.639	78.557	4.325	0.
71	1.	SLV_Ex	Combination		-139.822	78.557	4.325	0.
72	0.	SLU_ENV	Combination	Max	-230.226	-27.551	-0.635	3.044E-16
72	0.5	SLU_ENV	Combination	Max	-220.408	-27.551	-0.635	3.044E-16
72	1.	SLU_ENV	Combination	Max	-210.591	-27.551	-0.635	3.044E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
72	0.	SLU_ENV	Combination	Min	-437.149	-67.189	-2.496	3.469E-18
72	0.5	SLU_ENV	Combination	Min	-423.896	-67.189	-2.496	3.469E-18
72	1.	SLU_ENV	Combination	Min	-410.642	-67.189	-2.496	3.469E-18
72	0.	SLV_Ex	Combination		-173.678	182.719	9.99	-2.842E-14
72	0.5	SLV_Ex	Combination		-163.86	182.719	9.99	-2.842E-14
72	1.	SLV_Ex	Combination		-154.043	182.719	9.99	-2.842E-14
73	0.	SLU_ENV	Combination	Max	-249.75	-36.623	-1.186	3.747E-17
73	0.5	SLU_ENV	Combination	Max	-239.932	-36.623	-1.186	3.747E-17
73	1.	SLU_ENV	Combination	Max	-230.115	-36.623	-1.186	3.747E-17
73	0.	SLU_ENV	Combination	Min	-475.206	-89.347	-1.734	0.
73	0.5	SLU_ENV	Combination	Min	-461.952	-89.347	-1.734	0.
73	1.	SLU_ENV	Combination	Min	-448.699	-89.347	-1.734	0.
73	0.	SLV_Ex	Combination		-187.966	318.105	17.349	2.776E-17
73	0.5	SLV_Ex	Combination		-178.148	318.105	17.349	2.776E-17
73	1.	SLV_Ex	Combination		-168.331	318.105	17.349	2.776E-17
74	0.	SLU_ENV	Combination	Max	-230.115	-36.623	-1.186	1.874E-17
74	0.5	SLU_ENV	Combination	Max	-220.297	-36.623	-1.186	1.874E-17
74	1.	SLU_ENV	Combination	Max	-210.48	-36.623	-1.186	1.874E-17
74	0.	SLU_ENV	Combination	Min	-448.699	-89.347	-1.734	0.
74	0.5	SLU_ENV	Combination	Min	-435.445	-89.347	-1.734	0.
74	1.	SLU_ENV	Combination	Min	-422.191	-89.347	-1.734	0.
74	0.	SLV_Ex	Combination		-168.331	253.355	17.349	1.388E-17
74	0.5	SLV_Ex	Combination		-158.513	247.779	17.349	1.388E-17
74	1.	SLV_Ex	Combination		-148.696	242.202	17.349	1.388E-17
75	0.	SLU_ENV	Combination	Max	-210.48	-36.623	-1.186	3.232E-16
75	0.5	SLU_ENV	Combination	Max	-200.662	-36.623	-1.186	3.232E-16
75	1.	SLU_ENV	Combination	Max	-190.845	-36.623	-1.186	3.232E-16
75	0.	SLU_ENV	Combination	Min	-422.191	-89.347	-1.734	3.469E-18
75	0.5	SLU_ENV	Combination	Min	-408.938	-89.347	-1.734	3.469E-18
75	1.	SLU_ENV	Combination	Min	-395.684	-89.347	-1.734	3.469E-18
75	0.	SLV_Ex	Combination		-148.696	177.452	17.349	1.735E-17
75	0.5	SLV_Ex	Combination		-138.878	171.876	17.349	1.735E-17
75	1.	SLV_Ex	Combination		-129.061	166.3	17.349	1.735E-17
76	0.	SLU_ENV	Combination	Max	-190.845	-36.623	-1.186	6.276E-16
76	0.5	SLU_ENV	Combination	Max	-181.027	-36.623	-1.186	6.276E-16
76	1.	SLU_ENV	Combination	Max	-171.21	-36.623	-1.186	6.276E-16
76	0.	SLU_ENV	Combination	Min	-395.684	-89.347	-1.734	6.939E-18
76	0.5	SLU_ENV	Combination	Min	-382.431	-89.347	-1.734	6.939E-18
76	1.	SLU_ENV	Combination	Min	-369.177	-89.347	-1.734	6.939E-18
76	0.	SLV_Ex	Combination		-129.061	101.55	17.349	-5.682E-14
76	0.5	SLV_Ex	Combination		-119.243	95.973	17.349	-5.682E-14
76	1.	SLV_Ex	Combination		-109.426	90.397	17.349	-5.682E-14
77	0.	SLU_ENV	Combination	Max	-171.21	-36.623	-1.186	2.810E-17
77	0.5	SLU_ENV	Combination	Max	-161.392	-36.623	-1.186	2.810E-17
77	1.	SLU_ENV	Combination	Max	-151.575	-36.623	-1.186	2.810E-17
77	0.	SLU_ENV	Combination	Min	-369.177	-89.347	-1.734	6.939E-18
77	0.5	SLU_ENV	Combination	Min	-355.924	-89.347	-1.734	6.939E-18
77	1.	SLU_ENV	Combination	Min	-342.67	-89.347	-1.734	6.939E-18
77	0.	SLV_Ex	Combination		-109.426	25.647	17.349	-2.840E-14
77	0.5	SLV_Ex	Combination		-99.608	20.071	17.349	-2.840E-14
77	1.	SLV_Ex	Combination		-89.791	14.494	17.349	-2.840E-14
78	0.	SLU_ENV	Combination	Max	-151.573	-36.63	-1.186	0.0014
78	0.5	SLU_ENV	Combination	Max	-141.755	-36.63	-1.186	0.0014
78	1.	SLU_ENV	Combination	Max	-131.938	-36.629	-1.186	0.0014

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
78	0.	SLU_ENV	Combination	Min	-342.665	-89.364	-1.734	1.947E-04
78	0.5	SLU_ENV	Combination	Min	-329.412	-89.363	-1.734	1.947E-04
78	1.	SLU_ENV	Combination	Min	-316.158	-89.362	-1.734	1.947E-04
78	0.	SLV_Ex	Combination		-89.788	-50.26	17.349	-0.0034
78	0.5	SLV_Ex	Combination		-79.971	-55.836	17.349	-0.0034
78	1.	SLV_Ex	Combination		-70.153	-61.412	17.349	-0.0034
79	0.	SLU_ENV	Combination	Max	-39.523	5.046	0.083	0.
79	0.5	SLU_ENV	Combination	Max	-29.705	5.046	0.083	0.
79	1.	SLU_ENV	Combination	Max	-19.888	5.046	0.083	0.
79	0.	SLU_ENV	Combination	Min	-63.871	2.144	-0.368	0.
79	0.5	SLU_ENV	Combination	Min	-50.618	2.144	-0.368	0.
79	1.	SLU_ENV	Combination	Min	-37.364	2.144	-0.368	0.
79	0.	SLV_Ex	Combination		-33.814	-35.129	-1.978	0.
79	0.5	SLV_Ex	Combination		-23.996	-35.129	-1.978	0.
79	1.	SLV_Ex	Combination		-14.179	-35.129	-1.978	0.
89	0.	SLU_ENV	Combination	Max	-59.423	8.224	0.164	0.
89	0.5	SLU_ENV	Combination	Max	-49.605	8.224	0.164	0.
89	1.	SLU_ENV	Combination	Max	-39.788	8.224	0.164	0.
89	0.	SLU_ENV	Combination	Min	-101.256	3.493	-0.737	0.
89	0.5	SLU_ENV	Combination	Min	-88.002	3.493	-0.737	0.
89	1.	SLU_ENV	Combination	Min	-74.749	3.493	-0.737	0.
89	0.	SLV_Ex	Combination		-48.002	-63.739	-3.573	0.
89	0.5	SLV_Ex	Combination		-38.185	-63.739	-3.573	0.
89	1.	SLV_Ex	Combination		-28.368	-63.739	-3.573	0.
90	0.	SLU_ENV	Combination	Max	-79.342	9.501	0.242	0.
90	0.5	SLU_ENV	Combination	Max	-69.525	9.501	0.242	0.
90	1.	SLU_ENV	Combination	Max	-59.707	9.501	0.242	0.
90	0.	SLU_ENV	Combination	Min	-138.676	4.033	-1.103	0.
90	0.5	SLU_ENV	Combination	Min	-125.423	4.033	-1.103	0.
90	1.	SLU_ENV	Combination	Min	-112.169	4.033	-1.103	0.
90	0.	SLV_Ex	Combination		-62.207	-85.602	-4.772	0.
90	0.5	SLV_Ex	Combination		-52.389	-85.602	-4.772	0.
90	1.	SLV_Ex	Combination		-42.572	-85.602	-4.772	0.
91	0.	SLU_ENV	Combination	Max	-99.29	8.791	0.317	0.
91	0.5	SLU_ENV	Combination	Max	-89.473	8.791	0.317	0.
91	1.	SLU_ENV	Combination	Max	-79.655	8.791	0.317	0.
91	0.	SLU_ENV	Combination	Min	-176.147	3.728	-1.461	0.
91	0.5	SLU_ENV	Combination	Min	-162.894	3.728	-1.461	0.
91	1.	SLU_ENV	Combination	Min	-149.64	3.728	-1.461	0.
91	0.	SLV_Ex	Combination		-76.432	-100.078	-5.54	0.
91	0.5	SLV_Ex	Combination		-66.614	-100.078	-5.54	0.
91	1.	SLV_Ex	Combination		-56.797	-100.078	-5.54	0.
92	0.	SLU_ENV	Combination	Max	-119.275	5.946	0.384	0.
92	0.5	SLU_ENV	Combination	Max	-109.457	5.946	0.384	0.
92	1.	SLU_ENV	Combination	Max	-99.64	5.946	0.384	0.
92	0.	SLU_ENV	Combination	Min	-213.684	2.515	-1.795	0.
92	0.5	SLU_ENV	Combination	Min	-200.431	2.515	-1.795	0.
92	1.	SLU_ENV	Combination	Min	-187.177	2.515	-1.795	0.
92	0.	SLV_Ex	Combination		-90.684	-105.971	-5.809	0.
92	0.5	SLV_Ex	Combination		-80.867	-105.971	-5.809	0.
92	1.	SLV_Ex	Combination		-71.049	-105.971	-5.809	0.
93	0.	SLU_ENV	Combination	Max	-139.303	0.763	0.439	0.
93	0.5	SLU_ENV	Combination	Max	-129.486	0.763	0.439	0.
93	1.	SLU_ENV	Combination	Max	-119.668	0.763	0.439	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
93	0.	SLU_ENV	Combination	Min	-251.303	0.307	-2.082	0.
93	0.5	SLU_ENV	Combination	Min	-238.049	0.307	-2.082	0.
93	1.	SLU_ENV	Combination	Min	-224.795	0.307	-2.082	0.
93	0.	SLV_Ex	Combination		-104.969	-101.439	-5.477	0.
93	0.5	SLV_Ex	Combination		-95.152	-101.439	-5.477	0.
93	1.	SLV_Ex	Combination		-85.334	-101.439	-5.477	0.
94	0.	SLU_ENV	Combination	Max	-159.384	-2.999	0.474	0.
94	0.5	SLU_ENV	Combination	Max	-149.567	-2.999	0.474	0.
94	1.	SLU_ENV	Combination	Max	-139.749	-2.999	0.474	0.
94	0.	SLU_ENV	Combination	Min	-289.017	-7.002	-2.286	-9.368E-18
94	0.5	SLU_ENV	Combination	Min	-275.764	-7.002	-2.286	-9.368E-18
94	1.	SLU_ENV	Combination	Min	-262.51	-7.002	-2.286	-9.368E-18
94	0.	SLV_Ex	Combination		-119.293	-83.952	-4.403	-6.939E-18
94	0.5	SLV_Ex	Combination		-109.475	-83.952	-4.403	-6.939E-18
94	1.	SLV_Ex	Combination		-99.658	-83.952	-4.403	-6.939E-18
95	0.	SLU_ENV	Combination	Max	-179.526	-7.508	0.478	0.
95	0.5	SLU_ENV	Combination	Max	-169.708	-7.508	0.478	0.
95	1.	SLU_ENV	Combination	Max	-159.891	-7.508	0.478	0.
95	0.	SLU_ENV	Combination	Min	-326.843	-17.597	-2.359	0.
95	0.5	SLU_ENV	Combination	Min	-313.59	-17.597	-2.359	0.
95	1.	SLU_ENV	Combination	Min	-300.336	-17.597	-2.359	0.
95	0.	SLV_Ex	Combination		-133.66	-50.322	-2.413	0.
95	0.5	SLV_Ex	Combination		-123.843	-50.322	-2.413	0.
95	1.	SLV_Ex	Combination		-114.025	-50.322	-2.413	0.
96	0.	SLU_ENV	Combination	Max	-199.736	-13.305	0.438	0.
96	0.5	SLU_ENV	Combination	Max	-189.919	-13.305	0.438	0.
96	1.	SLU_ENV	Combination	Max	-180.101	-13.305	0.438	0.
96	0.	SLU_ENV	Combination	Min	-364.796	-31.224	-2.237	0.
96	0.5	SLU_ENV	Combination	Min	-351.543	-31.224	-2.237	0.
96	1.	SLU_ENV	Combination	Min	-338.289	-31.224	-2.237	0.
96	0.	SLV_Ex	Combination		-148.078	3.18	0.7	0.
96	0.5	SLV_Ex	Combination		-138.261	3.18	0.7	0.
96	1.	SLV_Ex	Combination		-128.443	3.18	0.7	0.
97	0.	SLU_ENV	Combination	Max	-220.023	-20.428	0.337	0.
97	0.5	SLU_ENV	Combination	Max	-210.206	-20.428	0.337	0.
97	1.	SLU_ENV	Combination	Max	-200.388	-20.428	0.337	0.
97	0.	SLU_ENV	Combination	Min	-402.892	-47.972	-1.841	0.
97	0.5	SLU_ENV	Combination	Min	-389.638	-47.972	-1.841	0.
97	1.	SLU_ENV	Combination	Min	-376.385	-47.972	-1.841	0.
97	0.	SLV_Ex	Combination		-162.552	80.613	5.155	0.
97	0.5	SLV_Ex	Combination		-152.735	80.613	5.155	0.
97	1.	SLV_Ex	Combination		-142.917	80.613	5.155	0.
98	0.	SLU_ENV	Combination	Max	-240.395	-28.827	0.156	5.995E-16
98	0.5	SLU_ENV	Combination	Max	-230.578	-28.827	0.156	5.995E-16
98	1.	SLU_ENV	Combination	Max	-220.761	-28.827	0.156	5.995E-16
98	0.	SLU_ENV	Combination	Min	-441.145	-67.727	-1.077	2.220E-16
98	0.5	SLU_ENV	Combination	Min	-427.892	-67.727	-1.077	2.220E-16
98	1.	SLU_ENV	Combination	Min	-414.638	-67.727	-1.077	2.220E-16
98	0.	SLV_Ex	Combination		-177.088	186.012	11.167	-2.820E-14
98	0.5	SLV_Ex	Combination		-167.271	186.012	11.167	-2.820E-14
98	1.	SLV_Ex	Combination		-157.453	186.012	11.167	-2.820E-14
99	0.	SLU_ENV	Combination	Max	-260.861	-38.321	0.16	0.
99	0.5	SLU_ENV	Combination	Max	-251.044	-38.321	0.16	0.
99	1.	SLU_ENV	Combination	Max	-241.226	-38.321	0.16	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
99	0.	SLU_ENV	Combination	Min	-479.572	-90.065	-0.128	-1.874E-17
99	0.5	SLU_ENV	Combination	Min	-466.318	-90.065	-0.128	-1.874E-17
99	1.	SLU_ENV	Combination	Min	-453.065	-90.065	-0.128	-1.874E-17
99	0.	SLV_Ex	Combination		-191.692	322.891	18.918	-5.686E-14
99	0.5	SLV_Ex	Combination		-181.874	322.891	18.918	-5.686E-14
99	1.	SLV_Ex	Combination		-172.057	322.891	18.918	-5.686E-14
100	0.	SLU_ENV	Combination	Max	-241.226	-38.321	0.16	1.874E-17
100	0.5	SLU_ENV	Combination	Max	-231.409	-38.321	0.16	1.874E-17
100	1.	SLU_ENV	Combination	Max	-221.591	-38.321	0.16	1.874E-17
100	0.	SLU_ENV	Combination	Min	-453.065	-90.065	-0.128	0.
100	0.5	SLU_ENV	Combination	Min	-439.811	-90.065	-0.128	0.
100	1.	SLU_ENV	Combination	Min	-426.557	-90.065	-0.128	0.
100	0.	SLV_Ex	Combination		-172.057	258.141	18.918	1.388E-17
100	0.5	SLV_Ex	Combination		-162.239	252.565	18.918	1.388E-17
100	1.	SLV_Ex	Combination		-152.422	246.988	18.918	1.388E-17
101	0.	SLU_ENV	Combination	Max	-221.591	-38.321	0.16	0.
101	0.5	SLU_ENV	Combination	Max	-211.774	-38.321	0.16	0.
101	1.	SLU_ENV	Combination	Max	-201.956	-38.321	0.16	0.
101	0.	SLU_ENV	Combination	Min	-426.557	-90.065	-0.128	-2.998E-16
101	0.5	SLU_ENV	Combination	Min	-413.304	-90.065	-0.128	-2.998E-16
101	1.	SLU_ENV	Combination	Min	-400.05	-90.065	-0.128	-2.998E-16
101	0.	SLV_Ex	Combination		-152.422	182.238	18.918	5.684E-14
101	0.5	SLV_Ex	Combination		-142.604	176.662	18.918	5.684E-14
101	1.	SLV_Ex	Combination		-132.787	171.086	18.918	5.684E-14
102	0.	SLU_ENV	Combination	Max	-201.956	-38.321	0.16	3.185E-16
102	0.5	SLU_ENV	Combination	Max	-192.139	-38.321	0.16	3.185E-16
102	1.	SLU_ENV	Combination	Max	-182.321	-38.321	0.16	3.185E-16
102	0.	SLU_ENV	Combination	Min	-400.05	-90.065	-0.128	7.216E-17
102	0.5	SLU_ENV	Combination	Min	-386.797	-90.065	-0.128	7.216E-17
102	1.	SLU_ENV	Combination	Min	-373.543	-90.065	-0.128	7.216E-17
102	0.	SLV_Ex	Combination		-132.787	106.336	18.918	2.866E-14
102	0.5	SLV_Ex	Combination		-122.969	100.759	18.918	2.866E-14
102	1.	SLV_Ex	Combination		-113.152	95.183	18.918	2.866E-14
103	0.	SLU_ENV	Combination	Max	-182.321	-38.321	0.16	9.368E-18
103	0.5	SLU_ENV	Combination	Max	-172.504	-38.321	0.16	9.368E-18
103	1.	SLU_ENV	Combination	Max	-162.686	-38.321	0.16	9.368E-18
103	0.	SLU_ENV	Combination	Min	-373.543	-90.065	-0.128	0.
103	0.5	SLU_ENV	Combination	Min	-360.289	-90.065	-0.128	0.
103	1.	SLU_ENV	Combination	Min	-347.036	-90.065	-0.128	0.
103	0.	SLV_Ex	Combination		-113.152	30.433	18.918	2.843E-14
103	0.5	SLV_Ex	Combination		-103.334	24.857	18.918	2.843E-14
103	1.	SLV_Ex	Combination		-93.517	19.28	18.918	2.843E-14
104	0.	SLU_ENV	Combination	Max	-162.684	-38.33	0.16	8.240E-04
104	0.5	SLU_ENV	Combination	Max	-152.867	-38.329	0.16	8.240E-04
104	1.	SLU_ENV	Combination	Max	-143.049	-38.329	0.16	8.240E-04
104	0.	SLU_ENV	Combination	Min	-347.031	-90.083	-0.128	-1.429E-04
104	0.5	SLU_ENV	Combination	Min	-333.778	-90.082	-0.128	-1.429E-04
104	1.	SLU_ENV	Combination	Min	-320.524	-90.081	-0.128	-1.429E-04
104	0.	SLV_Ex	Combination		-93.515	-45.474	18.918	-0.0039
104	0.5	SLV_Ex	Combination		-83.697	-51.05	18.918	-0.0039
104	1.	SLV_Ex	Combination		-73.879	-56.626	18.918	-0.0039
105	0.	SLU_ENV	Combination	Max	-40.229	4.978	9.140E-03	0.
105	0.5	SLU_ENV	Combination	Max	-30.411	4.978	9.140E-03	0.
105	1.	SLU_ENV	Combination	Max	-20.594	4.978	9.140E-03	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
105	0.	SLU_ENV	Combination	Min	-63.934	2.201	-0.476	0.
105	0.5	SLU_ENV	Combination	Min	-50.68	2.201	-0.476	0.
105	1.	SLU_ENV	Combination	Min	-37.427	2.201	-0.476	0.
105	0.	SLV_Ex	Combination		-33.97	-35.337	-2.005	0.
105	0.5	SLV_Ex	Combination		-24.152	-35.337	-2.005	0.
105	1.	SLV_Ex	Combination		-14.335	-35.337	-2.005	0.
115	0.	SLU_ENV	Combination	Max	-60.835	8.112	0.043	0.
115	0.5	SLU_ENV	Combination	Max	-51.017	8.112	0.043	0.
115	1.	SLU_ENV	Combination	Max	-41.2	8.112	0.043	0.
115	0.	SLU_ENV	Combination	Min	-101.381	3.586	-0.912	0.
115	0.5	SLU_ENV	Combination	Min	-88.128	3.586	-0.912	0.
115	1.	SLU_ENV	Combination	Min	-74.874	3.586	-0.912	0.
115	0.	SLV_Ex	Combination		-48.314	-64.112	-3.617	0.
115	0.5	SLV_Ex	Combination		-38.497	-64.112	-3.617	0.
115	1.	SLV_Ex	Combination		-28.679	-64.112	-3.617	0.
116	0.	SLU_ENV	Combination	Max	-81.461	9.371	0.102	0.
116	0.5	SLU_ENV	Combination	Max	-71.644	9.371	0.102	0.
116	1.	SLU_ENV	Combination	Max	-61.826	9.371	0.102	0.
116	0.	SLU_ENV	Combination	Min	-138.864	4.14	-1.307	0.
116	0.5	SLU_ENV	Combination	Min	-125.611	4.14	-1.307	0.
116	1.	SLU_ENV	Combination	Min	-112.357	4.14	-1.307	0.
116	0.	SLV_Ex	Combination		-62.674	-86.096	-4.823	0.
116	0.5	SLV_Ex	Combination		-52.857	-86.096	-4.823	0.
116	1.	SLV_Ex	Combination		-43.039	-86.096	-4.823	0.
117	0.	SLU_ENV	Combination	Max	-102.117	8.67	0.185	0.
117	0.5	SLU_ENV	Combination	Max	-92.299	8.67	0.185	0.
117	1.	SLU_ENV	Combination	Max	-82.482	8.67	0.185	0.
117	0.	SLU_ENV	Combination	Min	-176.398	3.827	-1.651	0.
117	0.5	SLU_ENV	Combination	Min	-163.144	3.827	-1.651	0.
117	1.	SLU_ENV	Combination	Min	-149.891	3.827	-1.651	0.
117	0.	SLV_Ex	Combination		-77.056	-100.646	-5.588	0.
117	0.5	SLV_Ex	Combination		-67.238	-100.646	-5.588	0.
117	1.	SLV_Ex	Combination		-57.421	-100.646	-5.588	0.
118	0.	SLU_ENV	Combination	Max	-122.81	5.863	0.292	0.
118	0.5	SLU_ENV	Combination	Max	-112.992	5.863	0.292	0.
118	1.	SLU_ENV	Combination	Max	-103.175	5.863	0.292	0.
118	0.	SLU_ENV	Combination	Min	-213.998	2.582	-1.926	0.
118	0.5	SLU_ENV	Combination	Min	-200.744	2.582	-1.926	0.
118	1.	SLU_ENV	Combination	Min	-187.491	2.582	-1.926	0.
118	0.	SLV_Ex	Combination		-91.464	-106.56	-5.843	0.
118	0.5	SLV_Ex	Combination		-81.647	-106.56	-5.843	0.
118	1.	SLV_Ex	Combination		-71.829	-106.56	-5.843	0.
119	0.	SLU_ENV	Combination	Max	-143.549	0.749	0.42	0.
119	0.5	SLU_ENV	Combination	Max	-133.731	0.749	0.42	0.
119	1.	SLU_ENV	Combination	Max	-123.914	0.749	0.42	0.
119	0.	SLU_ENV	Combination	Min	-251.679	0.315	-2.105	0.
119	0.5	SLU_ENV	Combination	Min	-238.425	0.315	-2.105	0.
119	1.	SLU_ENV	Combination	Min	-225.172	0.315	-2.105	0.
119	0.	SLV_Ex	Combination		-105.906	-101.982	-5.485	0.
119	0.5	SLV_Ex	Combination		-96.088	-101.982	-5.485	0.
119	1.	SLV_Ex	Combination		-86.271	-101.982	-5.485	0.
120	0.	SLU_ENV	Combination	Max	-164.341	-3.079	0.565	0.
120	0.5	SLU_ENV	Combination	Max	-154.524	-3.079	0.565	0.
120	1.	SLU_ENV	Combination	Max	-144.706	-3.079	0.565	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
120	0.	SLU_ENV	Combination	Min	-289.457	-6.913	-2.147	0.
120	0.5	SLU_ENV	Combination	Min	-276.203	-6.913	-2.147	0.
120	1.	SLU_ENV	Combination	Min	-262.949	-6.913	-2.147	0.
120	0.	SLV_Ex	Combination		-120.386	-84.37	-4.371	0.
120	0.5	SLV_Ex	Combination		-110.569	-84.37	-4.371	0.
120	1.	SLV_Ex	Combination		-100.752	-84.37	-4.371	0.
121	0.	SLU_ENV	Combination	Max	-185.197	-7.707	0.721	0.
121	0.5	SLU_ENV	Combination	Max	-175.379	-7.707	0.721	0.
121	1.	SLU_ENV	Combination	Max	-165.562	-7.707	0.721	0.
121	0.	SLU_ENV	Combination	Min	-327.346	-17.366	-1.997	0.
121	0.5	SLU_ENV	Combination	Min	-314.093	-17.366	-1.997	0.
121	1.	SLU_ENV	Combination	Min	-300.839	-17.366	-1.997	0.
121	0.	SLV_Ex	Combination		-134.912	-50.518	-2.325	0.
121	0.5	SLV_Ex	Combination		-125.094	-50.518	-2.325	0.
121	1.	SLV_Ex	Combination		-115.277	-50.518	-2.325	0.
122	0.	SLU_ENV	Combination	Max	-206.123	-13.659	0.876	0.
122	0.5	SLU_ENV	Combination	Max	-196.306	-13.659	0.876	0.
122	1.	SLU_ENV	Combination	Max	-186.488	-13.659	0.876	0.
122	0.	SLU_ENV	Combination	Min	-365.363	-30.81	-1.588	0.
122	0.5	SLU_ENV	Combination	Min	-352.109	-30.81	-1.588	0.
122	1.	SLU_ENV	Combination	Min	-338.856	-30.81	-1.588	0.
122	0.	SLV_Ex	Combination		-149.488	3.326	0.858	0.
122	0.5	SLV_Ex	Combination		-139.67	3.326	0.858	0.
122	1.	SLV_Ex	Combination		-129.853	3.326	0.858	0.
123	0.	SLU_ENV	Combination	Max	-227.129	-20.971	1.016	0.
123	0.5	SLU_ENV	Combination	Max	-217.312	-20.971	1.016	0.
123	1.	SLU_ENV	Combination	Max	-207.494	-20.971	1.016	0.
123	0.	SLU_ENV	Combination	Min	-403.522	-47.333	-0.838	0.
123	0.5	SLU_ENV	Combination	Min	-390.268	-47.333	-0.838	0.
123	1.	SLU_ENV	Combination	Min	-377.015	-47.333	-0.838	0.
123	0.	SLV_Ex	Combination		-164.12	81.239	5.401	0.
123	0.5	SLV_Ex	Combination		-154.303	81.239	5.401	0.
123	1.	SLV_Ex	Combination		-144.486	81.239	5.401	0.
124	0.	SLU_ENV	Combination	Max	-248.223	-29.594	1.239	0.
124	0.5	SLU_ENV	Combination	Max	-238.406	-29.594	1.239	0.
124	1.	SLU_ENV	Combination	Max	-228.588	-29.594	1.239	0.
124	0.	SLU_ENV	Combination	Min	-441.839	-66.822	0.226	0.
124	0.5	SLU_ENV	Combination	Min	-428.586	-66.822	0.226	0.
124	1.	SLU_ENV	Combination	Min	-415.332	-66.822	0.226	0.
124	0.	SLV_Ex	Combination		-178.816	187.28	11.517	0.
124	0.5	SLV_Ex	Combination		-168.998	187.28	11.517	0.
124	1.	SLV_Ex	Combination		-159.181	187.28	11.517	0.
125	0.	SLU_ENV	Combination	Max	-269.414	-39.34	2.055	0.
125	0.5	SLU_ENV	Combination	Max	-259.596	-39.34	2.055	0.
125	1.	SLU_ENV	Combination	Max	-249.779	-39.34	2.055	0.
125	0.	SLU_ENV	Combination	Min	-480.33	-88.859	1.161	0.
125	0.5	SLU_ENV	Combination	Min	-467.077	-88.859	1.161	0.
125	1.	SLU_ENV	Combination	Min	-453.823	-88.859	1.161	0.
125	0.	SLV_Ex	Combination		-193.579	324.98	19.387	0.
125	0.5	SLV_Ex	Combination		-183.762	324.98	19.387	0.
125	1.	SLV_Ex	Combination		-173.944	324.98	19.387	0.
126	0.	SLU_ENV	Combination	Max	-249.779	-39.34	2.055	0.
126	0.5	SLU_ENV	Combination	Max	-239.961	-39.34	2.055	0.
126	1.	SLU_ENV	Combination	Max	-230.144	-39.34	2.055	0.



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
126	0.	SLU_ENV	Combination	Min	-453.823	-88.859	1.161	0.
126	0.5	SLU_ENV	Combination	Min	-440.569	-88.859	1.161	0.
126	1.	SLU_ENV	Combination	Min	-427.316	-88.859	1.161	0.
126	0.	SLV_Ex	Combination		-173.944	260.23	19.387	0.
126	0.5	SLV_Ex	Combination		-164.127	254.653	19.387	0.
126	1.	SLV_Ex	Combination		-154.309	249.077	19.387	0.
127	0.	SLU_ENV	Combination	Max	-230.144	-39.34	2.055	0.
127	0.5	SLU_ENV	Combination	Max	-220.326	-39.34	2.055	0.
127	1.	SLU_ENV	Combination	Max	-210.509	-39.34	2.055	0.
127	0.	SLU_ENV	Combination	Min	-427.316	-88.859	1.161	0.
127	0.5	SLU_ENV	Combination	Min	-414.062	-88.859	1.161	0.
127	1.	SLU_ENV	Combination	Min	-400.809	-88.859	1.161	0.
127	0.	SLV_Ex	Combination		-154.309	184.327	19.387	0.
127	0.5	SLV_Ex	Combination		-144.492	178.751	19.387	0.
127	1.	SLV_Ex	Combination		-134.674	173.174	19.387	0.
128	0.	SLU_ENV	Combination	Max	-210.509	-39.34	2.055	-8.799E-15
128	0.5	SLU_ENV	Combination	Max	-200.691	-39.34	2.055	-8.799E-15
128	1.	SLU_ENV	Combination	Max	-190.874	-39.34	2.055	-8.799E-15
128	0.	SLU_ENV	Combination	Min	-400.809	-88.859	1.161	-3.714E-14
128	0.5	SLU_ENV	Combination	Min	-387.555	-88.859	1.161	-3.714E-14
128	1.	SLU_ENV	Combination	Min	-374.301	-88.859	1.161	-3.714E-14
128	0.	SLV_Ex	Combination		-134.674	108.424	19.387	1.308E-12
128	0.5	SLV_Ex	Combination		-124.857	102.848	19.387	1.308E-12
128	1.	SLV_Ex	Combination		-115.039	97.272	19.387	1.308E-12
129	0.	SLU_ENV	Combination	Max	-190.874	-39.34	2.055	-8.799E-15
129	0.5	SLU_ENV	Combination	Max	-181.056	-39.34	2.055	-8.799E-15
129	1.	SLU_ENV	Combination	Max	-171.239	-39.34	2.055	-8.799E-15
129	0.	SLU_ENV	Combination	Min	-374.301	-88.859	1.161	-3.714E-14
129	0.5	SLU_ENV	Combination	Min	-361.048	-88.859	1.161	-3.714E-14
129	1.	SLU_ENV	Combination	Min	-347.794	-88.859	1.161	-3.714E-14
129	0.	SLV_Ex	Combination		-115.039	32.522	19.387	1.251E-12
129	0.5	SLV_Ex	Combination		-105.222	26.945	19.387	1.251E-12
129	1.	SLV_Ex	Combination		-95.404	21.369	19.387	1.251E-12
130	0.	SLU_ENV	Combination	Max	-171.237	-39.348	2.055	2.154E-04
130	0.5	SLU_ENV	Combination	Max	-161.419	-39.348	2.055	2.154E-04
130	1.	SLU_ENV	Combination	Max	-151.602	-39.348	2.055	2.154E-04
130	0.	SLU_ENV	Combination	Min	-347.79	-88.876	1.161	-5.554E-04
130	0.5	SLU_ENV	Combination	Min	-334.536	-88.875	1.161	-5.554E-04
130	1.	SLU_ENV	Combination	Min	-321.283	-88.875	1.161	-5.554E-04
130	0.	SLV_Ex	Combination		-95.402	-43.386	19.387	-0.004
130	0.5	SLV_Ex	Combination		-85.584	-48.961	19.387	-0.004
130	1.	SLV_Ex	Combination		-75.767	-54.537	19.387	-0.004
131	0.	SLU_ENV	Combination	Max	-40.75	4.914	-0.051	0.
131	0.5	SLU_ENV	Combination	Max	-30.933	4.914	-0.051	0.
131	1.	SLU_ENV	Combination	Max	-21.115	4.914	-0.051	0.
131	0.	SLU_ENV	Combination	Min	-63.714	2.261	-0.56	0.
131	0.5	SLU_ENV	Combination	Min	-50.46	2.261	-0.56	0.
131	1.	SLU_ENV	Combination	Min	-37.206	2.261	-0.56	0.
131	0.	SLV_Ex	Combination		-34.087	-35.54	-2.013	0.
131	0.5	SLV_Ex	Combination		-24.27	-35.54	-2.013	0.
131	1.	SLV_Ex	Combination		-14.452	-35.54	-2.013	0.
141	0.	SLU_ENV	Combination	Max	-61.878	8.008	-0.056	0.
141	0.5	SLU_ENV	Combination	Max	-52.061	8.008	-0.056	0.
141	1.	SLU_ENV	Combination	Max	-42.243	8.008	-0.056	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
141	0.	SLU_ENV	Combination	Min	-100.94	3.684	-1.051	0.
141	0.5	SLU_ENV	Combination	Min	-87.687	3.684	-1.051	0.
141	1.	SLU_ENV	Combination	Min	-74.433	3.684	-1.051	0.
141	0.	SLV_Ex	Combination		-48.549	-64.477	-3.63	0.
141	0.5	SLV_Ex	Combination		-38.731	-64.477	-3.63	0.
141	1.	SLV_Ex	Combination		-28.914	-64.477	-3.63	0.
142	0.	SLU_ENV	Combination	Max	-83.027	9.25	-0.013	0.
142	0.5	SLU_ENV	Combination	Max	-73.21	9.25	-0.013	0.
142	1.	SLU_ENV	Combination	Max	-63.393	9.25	-0.013	0.
142	0.	SLU_ENV	Combination	Min	-138.203	4.254	-1.468	0.
142	0.5	SLU_ENV	Combination	Min	-124.949	4.254	-1.468	0.
142	1.	SLU_ENV	Combination	Min	-111.696	4.254	-1.468	0.
142	0.	SLV_Ex	Combination		-63.027	-86.582	-4.839	0.
142	0.5	SLV_Ex	Combination		-53.209	-86.582	-4.839	0.
142	1.	SLV_Ex	Combination		-43.392	-86.582	-4.839	0.
143	0.	SLU_ENV	Combination	Max	-104.206	8.557	0.078	0.
143	0.5	SLU_ENV	Combination	Max	-94.389	8.557	0.078	0.
143	1.	SLU_ENV	Combination	Max	-84.571	8.557	0.078	0.
143	0.	SLU_ENV	Combination	Min	-175.516	3.932	-1.801	0.
143	0.5	SLU_ENV	Combination	Min	-162.262	3.932	-1.801	0.
143	1.	SLU_ENV	Combination	Min	-149.009	3.932	-1.801	0.
143	0.	SLV_Ex	Combination		-77.526	-101.207	-5.603	0.
143	0.5	SLV_Ex	Combination		-67.708	-101.207	-5.603	0.
143	1.	SLV_Ex	Combination		-57.891	-101.207	-5.603	0.
144	0.	SLU_ENV	Combination	Max	-125.423	5.784	0.217	0.
144	0.5	SLU_ENV	Combination	Max	-115.606	5.784	0.217	0.
144	1.	SLU_ENV	Combination	Max	-105.788	5.784	0.217	0.
144	0.	SLU_ENV	Combination	Min	-212.894	2.652	-2.03	0.
144	0.5	SLU_ENV	Combination	Min	-199.641	2.652	-2.03	0.
144	1.	SLU_ENV	Combination	Min	-186.387	2.652	-2.03	0.
144	0.	SLV_Ex	Combination		-92.052	-107.142	-5.855	0.
144	0.5	SLV_Ex	Combination		-82.235	-107.142	-5.855	0.
144	1.	SLV_Ex	Combination		-72.417	-107.142	-5.855	0.
145	0.	SLU_ENV	Combination	Max	-146.687	0.734	0.405	0.
145	0.5	SLU_ENV	Combination	Max	-136.869	0.734	0.405	0.
145	1.	SLU_ENV	Combination	Max	-127.052	0.734	0.405	0.
145	0.	SLU_ENV	Combination	Min	-250.354	0.323	-2.124	0.
145	0.5	SLU_ENV	Combination	Min	-237.1	0.323	-2.124	0.
145	1.	SLU_ENV	Combination	Min	-223.847	0.323	-2.124	0.
145	0.	SLV_Ex	Combination		-106.612	-102.524	-5.489	0.
145	0.5	SLV_Ex	Combination		-96.795	-102.524	-5.489	0.
145	1.	SLV_Ex	Combination		-86.977	-102.524	-5.489	0.
146	0.	SLU_ENV	Combination	Max	-168.006	-3.164	0.64	0.
146	0.5	SLU_ENV	Combination	Max	-158.189	-3.164	0.64	0.
146	1.	SLU_ENV	Combination	Max	-148.371	-3.164	0.64	0.
146	0.	SLU_ENV	Combination	Min	-287.909	-6.832	-2.037	0.
146	0.5	SLU_ENV	Combination	Min	-274.656	-6.832	-2.037	0.
146	1.	SLU_ENV	Combination	Min	-261.402	-6.832	-2.037	0.
146	0.	SLV_Ex	Combination		-121.211	-84.793	-4.364	0.
146	0.5	SLV_Ex	Combination		-111.394	-84.793	-4.364	0.
146	1.	SLV_Ex	Combination		-101.576	-84.793	-4.364	0.
147	0.	SLU_ENV	Combination	Max	-189.389	-7.919	0.92	0.
147	0.5	SLU_ENV	Combination	Max	-179.572	-7.919	0.92	0.
147	1.	SLU_ENV	Combination	Max	-169.754	-7.919	0.92	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
147	0.	SLU_ENV	Combination	Min	-325.576	-17.153	-1.712	0.
147	0.5	SLU_ENV	Combination	Min	-312.322	-17.153	-1.712	0.
147	1.	SLU_ENV	Combination	Min	-299.069	-17.153	-1.712	0.
147	0.	SLV_Ex	Combination		-135.855	-50.728	-2.303	0.
147	0.5	SLV_Ex	Combination		-126.038	-50.728	-2.303	0.
147	1.	SLV_Ex	Combination		-116.22	-50.728	-2.303	0.
148	0.	SLU_ENV	Combination	Max	-210.845	-14.034	1.235	0.
148	0.5	SLU_ENV	Combination	Max	-201.028	-14.034	1.235	0.
148	1.	SLU_ENV	Combination	Max	-191.21	-14.034	1.235	0.
148	0.	SLU_ENV	Combination	Min	-363.369	-30.428	-1.076	0.
148	0.5	SLU_ENV	Combination	Min	-350.116	-30.428	-1.076	0.
148	1.	SLU_ENV	Combination	Min	-336.862	-30.428	-1.076	0.
148	0.	SLV_Ex	Combination		-150.55	3.444	0.902	0.
148	0.5	SLV_Ex	Combination		-140.733	3.444	0.902	0.
148	1.	SLV_Ex	Combination		-130.915	3.444	0.902	0.
149	0.	SLU_ENV	Combination	Max	-232.382	-21.547	1.573	1.874E-17
149	0.5	SLU_ENV	Combination	Max	-222.565	-21.547	1.573	1.874E-17
149	1.	SLU_ENV	Combination	Max	-212.748	-21.547	1.573	1.874E-17
149	0.	SLU_ENV	Combination	Min	-401.304	-46.742	-0.047	0.
149	0.5	SLU_ENV	Combination	Min	-388.05	-46.742	-0.047	0.
149	1.	SLU_ENV	Combination	Min	-374.797	-46.742	-0.047	0.
149	0.	SLV_Ex	Combination		-165.303	81.824	5.47	2.844E-14
149	0.5	SLV_Ex	Combination		-155.485	81.824	5.47	2.844E-14
149	1.	SLV_Ex	Combination		-145.668	81.824	5.47	2.844E-14
150	0.	SLU_ENV	Combination	Max	-254.01	-30.407	2.399	9.368E-18
150	0.5	SLU_ENV	Combination	Max	-244.192	-30.407	2.399	9.368E-18
150	1.	SLU_ENV	Combination	Max	-234.375	-30.407	2.399	9.368E-18
150	0.	SLU_ENV	Combination	Min	-439.396	-65.983	0.977	0.
150	0.5	SLU_ENV	Combination	Min	-426.142	-65.983	0.977	0.
150	1.	SLU_ENV	Combination	Min	-412.889	-65.983	0.977	0.
150	0.	SLV_Ex	Combination		-180.118	188.489	11.617	-2.841E-14
150	0.5	SLV_Ex	Combination		-170.3	188.489	11.617	-2.841E-14
150	1.	SLV_Ex	Combination		-160.483	188.489	11.617	-2.841E-14
151	0.	SLU_ENV	Combination	Max	-275.736	-40.421	3.551	-4.441E-16
151	0.5	SLU_ENV	Combination	Max	-265.919	-40.421	3.551	-4.441E-16
151	1.	SLU_ENV	Combination	Max	-256.101	-40.421	3.551	-4.441E-16
151	0.	SLU_ENV	Combination	Min	-477.661	-87.738	2.217	-6.745E-16
151	0.5	SLU_ENV	Combination	Min	-464.407	-87.738	2.217	-6.745E-16
151	1.	SLU_ENV	Combination	Min	-451.153	-87.738	2.217	-6.745E-16
151	0.	SLV_Ex	Combination		-195.002	326.989	19.522	-4.441E-16
151	0.5	SLV_Ex	Combination		-185.184	326.989	19.522	-4.441E-16
151	1.	SLV_Ex	Combination		-175.367	326.989	19.522	-4.441E-16
152	0.	SLU_ENV	Combination	Max	-256.101	-40.421	3.551	7.494E-17
152	0.5	SLU_ENV	Combination	Max	-246.284	-40.421	3.551	7.494E-17
152	1.	SLU_ENV	Combination	Max	-236.466	-40.421	3.551	7.494E-17
152	0.	SLU_ENV	Combination	Min	-451.153	-87.738	2.217	0.
152	0.5	SLU_ENV	Combination	Min	-437.9	-87.738	2.217	0.
152	1.	SLU_ENV	Combination	Min	-424.646	-87.738	2.217	0.
152	0.	SLV_Ex	Combination		-175.367	262.239	19.522	0.
152	0.5	SLV_Ex	Combination		-165.549	256.662	19.522	0.
152	1.	SLV_Ex	Combination		-155.732	251.086	19.522	0.
153	0.	SLU_ENV	Combination	Max	-236.466	-40.421	3.551	0.
153	0.5	SLU_ENV	Combination	Max	-226.649	-40.421	3.551	0.
153	1.	SLU_ENV	Combination	Max	-216.831	-40.421	3.551	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
153	0.	SLU_ENV	Combination	Min	-424.646	-87.738	2.217	-9.368E-18
153	0.5	SLU_ENV	Combination	Min	-411.393	-87.738	2.217	-9.368E-18
153	1.	SLU_ENV	Combination	Min	-398.139	-87.738	2.217	-9.368E-18
153	0.	SLV_Ex	Combination		-155.732	186.336	19.522	-6.939E-18
153	0.5	SLV_Ex	Combination		-145.914	180.76	19.522	-6.939E-18
153	1.	SLV_Ex	Combination		-136.097	175.183	19.522	-6.939E-18
154	0.	SLU_ENV	Combination	Max	-216.831	-40.421	3.551	5.995E-16
154	0.5	SLU_ENV	Combination	Max	-207.014	-40.421	3.551	5.995E-16
154	1.	SLU_ENV	Combination	Max	-197.196	-40.421	3.551	5.995E-16
154	0.	SLU_ENV	Combination	Min	-398.139	-87.738	2.217	3.691E-16
154	0.5	SLU_ENV	Combination	Min	-384.885	-87.738	2.217	3.691E-16
154	1.	SLU_ENV	Combination	Min	-371.632	-87.738	2.217	3.691E-16
154	0.	SLV_Ex	Combination		-136.097	110.433	19.522	2.887E-14
154	0.5	SLV_Ex	Combination		-126.279	104.857	19.522	2.887E-14
154	1.	SLV_Ex	Combination		-116.462	99.281	19.522	2.887E-14
155	0.	SLU_ENV	Combination	Max	-197.196	-40.421	3.551	3.185E-16
155	0.5	SLU_ENV	Combination	Max	-187.379	-40.421	3.551	3.185E-16
155	1.	SLU_ENV	Combination	Max	-177.561	-40.421	3.551	3.185E-16
155	0.	SLU_ENV	Combination	Min	-371.632	-87.738	2.217	7.216E-17
155	0.5	SLU_ENV	Combination	Min	-358.378	-87.738	2.217	7.216E-17
155	1.	SLU_ENV	Combination	Min	-345.125	-87.738	2.217	7.216E-17
155	0.	SLV_Ex	Combination		-116.462	34.531	19.522	5.708E-14
155	0.5	SLV_Ex	Combination		-106.644	28.954	19.522	5.708E-14
155	1.	SLV_Ex	Combination		-96.827	23.378	19.522	5.708E-14
156	0.	SLU_ENV	Combination	Max	-177.559	-40.43	3.551	-1.783E-04
156	0.5	SLU_ENV	Combination	Max	-167.742	-40.429	3.551	-1.783E-04
156	1.	SLU_ENV	Combination	Max	-157.924	-40.429	3.551	-1.783E-04
156	0.	SLU_ENV	Combination	Min	-345.12	-87.755	2.217	-9.800E-04
156	0.5	SLU_ENV	Combination	Min	-331.867	-87.755	2.217	-9.800E-04
156	1.	SLU_ENV	Combination	Min	-318.613	-87.754	2.217	-9.800E-04
156	0.	SLV_Ex	Combination		-96.825	-41.377	19.522	-0.0041
156	0.5	SLV_Ex	Combination		-87.007	-46.953	19.522	-0.0041
156	1.	SLV_Ex	Combination		-77.189	-52.528	19.522	-0.0041
157	0.	SLU_ENV	Combination	Max	-41.131	4.816	-0.104	0.
157	0.5	SLU_ENV	Combination	Max	-31.314	4.816	-0.104	0.
157	1.	SLU_ENV	Combination	Max	-21.496	4.816	-0.104	0.
157	0.	SLU_ENV	Combination	Min	-63.265	2.306	-0.627	0.
157	0.5	SLU_ENV	Combination	Min	-50.011	2.306	-0.627	0.
157	1.	SLU_ENV	Combination	Min	-36.757	2.306	-0.627	0.
157	0.	SLV_Ex	Combination		-34.226	-35.69	-1.99	0.
157	0.5	SLV_Ex	Combination		-24.409	-35.69	-1.99	0.
157	1.	SLV_Ex	Combination		-14.591	-35.69	-1.99	0.
167	0.	SLU_ENV	Combination	Max	-62.64	7.848	-0.142	0.
167	0.5	SLU_ENV	Combination	Max	-52.823	7.848	-0.142	0.
167	1.	SLU_ENV	Combination	Max	-43.005	7.848	-0.142	0.
167	0.	SLU_ENV	Combination	Min	-100.042	3.756	-1.16	0.
167	0.5	SLU_ENV	Combination	Min	-86.789	3.756	-1.16	0.
167	1.	SLU_ENV	Combination	Min	-73.535	3.756	-1.16	0.
167	0.	SLV_Ex	Combination		-48.827	-64.757	-3.593	0.
167	0.5	SLV_Ex	Combination		-39.01	-64.757	-3.593	0.
167	1.	SLV_Ex	Combination		-29.192	-64.757	-3.593	0.
168	0.	SLU_ENV	Combination	Max	-84.17	9.064	-0.114	0.
168	0.5	SLU_ENV	Combination	Max	-74.353	9.064	-0.114	0.
168	1.	SLU_ENV	Combination	Max	-64.536	9.064	-0.114	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
168	0.	SLU_ENV	Combination	Min	-136.855	4.337	-1.594	0.
168	0.5	SLU_ENV	Combination	Min	-123.602	4.337	-1.594	0.
168	1.	SLU_ENV	Combination	Min	-110.348	4.337	-1.594	0.
168	0.	SLV_Ex	Combination		-63.444	-86.968	-4.797	0.
168	0.5	SLV_Ex	Combination		-53.627	-86.968	-4.797	0.
168	1.	SLV_Ex	Combination		-43.809	-86.968	-4.797	0.
169	0.	SLU_ENV	Combination	Max	-105.731	8.383	-0.017	0.
169	0.5	SLU_ENV	Combination	Max	-95.913	8.383	-0.017	0.
169	1.	SLU_ENV	Combination	Max	-86.096	8.383	-0.017	0.
169	0.	SLU_ENV	Combination	Min	-173.718	4.008	-1.919	0.
169	0.5	SLU_ENV	Combination	Min	-160.465	4.008	-1.919	0.
169	1.	SLU_ENV	Combination	Min	-147.211	4.008	-1.919	0.
169	0.	SLV_Ex	Combination		-78.083	-101.674	-5.565	0.
169	0.5	SLV_Ex	Combination		-68.266	-101.674	-5.565	0.
169	1.	SLV_Ex	Combination		-58.448	-101.674	-5.565	0.
170	0.	SLU_ENV	Combination	Max	-127.33	5.663	0.151	0.
170	0.5	SLU_ENV	Combination	Max	-117.513	5.663	0.151	0.
170	1.	SLU_ENV	Combination	Max	-107.695	5.663	0.151	0.
170	0.	SLU_ENV	Combination	Min	-210.646	2.703	-2.111	0.
170	0.5	SLU_ENV	Combination	Min	-197.392	2.703	-2.111	0.
170	1.	SLU_ENV	Combination	Min	-184.139	2.703	-2.111	0.
170	0.	SLV_Ex	Combination		-92.749	-107.661	-5.829	0.
170	0.5	SLV_Ex	Combination		-82.932	-107.661	-5.829	0.
170	1.	SLV_Ex	Combination		-73.114	-107.661	-5.829	0.
171	0.	SLU_ENV	Combination	Max	-148.977	0.711	0.391	0.
171	0.5	SLU_ENV	Combination	Max	-139.16	0.711	0.391	0.
171	1.	SLU_ENV	Combination	Max	-129.342	0.711	0.391	0.
171	0.	SLU_ENV	Combination	Min	-247.654	0.328	-2.138	0.
171	0.5	SLU_ENV	Combination	Min	-234.4	0.328	-2.138	0.
171	1.	SLU_ENV	Combination	Min	-221.147	0.328	-2.138	0.
171	0.	SLV_Ex	Combination		-107.449	-103.054	-5.488	0.
171	0.5	SLV_Ex	Combination		-97.632	-103.054	-5.488	0.
171	1.	SLV_Ex	Combination		-87.814	-103.054	-5.488	0.
172	0.	SLU_ENV	Combination	Max	-170.68	-3.228	0.707	0.
172	0.5	SLU_ENV	Combination	Max	-160.863	-3.228	0.707	0.
172	1.	SLU_ENV	Combination	Max	-151.045	-3.228	0.707	0.
172	0.	SLU_ENV	Combination	Min	-284.756	-6.707	-1.951	0.
172	0.5	SLU_ENV	Combination	Min	-271.503	-6.707	-1.951	0.
172	1.	SLU_ENV	Combination	Min	-258.249	-6.707	-1.951	0.
172	0.	SLV_Ex	Combination		-122.189	-85.285	-4.399	0.
172	0.5	SLV_Ex	Combination		-112.371	-85.285	-4.399	0.
172	1.	SLV_Ex	Combination		-102.554	-85.285	-4.399	0.
173	0.	SLU_ENV	Combination	Max	-192.449	-8.077	1.095	0.
173	0.5	SLU_ENV	Combination	Max	-182.631	-8.077	1.095	0.
173	1.	SLU_ENV	Combination	Max	-172.814	-8.077	1.095	0.
173	0.	SLU_ENV	Combination	Min	-321.969	-16.825	-1.488	0.
173	0.5	SLU_ENV	Combination	Min	-308.716	-16.825	-1.488	0.
173	1.	SLU_ENV	Combination	Min	-295.462	-16.825	-1.488	0.
173	0.	SLV_Ex	Combination		-136.973	-51.116	-2.386	0.
173	0.5	SLV_Ex	Combination		-127.156	-51.116	-2.386	0.
173	1.	SLV_Ex	Combination		-117.339	-51.116	-2.386	0.
174	0.	SLU_ENV	Combination	Max	-214.291	-14.313	1.552	0.
174	0.5	SLU_ENV	Combination	Max	-204.473	-14.313	1.552	0.
174	1.	SLU_ENV	Combination	Max	-194.656	-14.313	1.552	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
174	0.	SLU_ENV	Combination	Min	-359.307	-29.838	-0.675	0.
174	0.5	SLU_ENV	Combination	Min	-346.053	-29.838	-0.675	0.
174	1.	SLU_ENV	Combination	Min	-332.8	-29.838	-0.675	0.
174	0.	SLV_Ex	Combination		-151.81	3.244	0.756	0.
174	0.5	SLV_Ex	Combination		-141.992	3.244	0.756	0.
174	1.	SLV_Ex	Combination		-132.175	3.244	0.756	0.
175	0.	SLU_ENV	Combination	Max	-236.216	-21.973	2.25	0.
175	0.5	SLU_ENV	Combination	Max	-226.398	-21.973	2.25	0.
175	1.	SLU_ENV	Combination	Max	-216.581	-21.973	2.25	0.
175	0.	SLU_ENV	Combination	Min	-396.784	-45.83	0.387	0.
175	0.5	SLU_ENV	Combination	Min	-383.531	-45.83	0.387	0.
175	1.	SLU_ENV	Combination	Min	-370.277	-45.83	0.387	0.
175	0.	SLV_Ex	Combination		-166.704	81.916	5.248	0.
175	0.5	SLV_Ex	Combination		-156.886	81.916	5.248	0.
175	1.	SLV_Ex	Combination		-147.069	81.916	5.248	0.
176	0.	SLU_ENV	Combination	Max	-258.233	-31.007	3.39	0.
176	0.5	SLU_ENV	Combination	Max	-248.415	-31.007	3.39	0.
176	1.	SLU_ENV	Combination	Max	-238.598	-31.007	3.39	0.
176	0.	SLU_ENV	Combination	Min	-434.417	-64.689	1.562	0.
176	0.5	SLU_ENV	Combination	Min	-421.164	-64.689	1.562	0.
176	1.	SLU_ENV	Combination	Min	-407.91	-64.689	1.562	0.
176	0.	SLV_Ex	Combination		-181.661	189.001	11.305	0.
176	0.5	SLV_Ex	Combination		-171.844	189.001	11.305	0.
176	1.	SLV_Ex	Combination		-162.026	189.001	11.305	0.
177	0.	SLU_ENV	Combination	Max	-280.35	-41.217	4.731	0.
177	0.5	SLU_ENV	Combination	Max	-270.532	-41.217	4.731	0.
177	1.	SLU_ENV	Combination	Max	-260.715	-41.217	4.731	0.
177	0.	SLU_ENV	Combination	Min	-472.221	-86.012	3.14	0.
177	0.5	SLU_ENV	Combination	Min	-458.967	-86.012	3.14	0.
177	1.	SLU_ENV	Combination	Min	-445.714	-86.012	3.14	0.
177	0.	SLV_Ex	Combination		-196.688	328.068	19.11	0.
177	0.5	SLV_Ex	Combination		-186.871	328.068	19.11	0.
177	1.	SLV_Ex	Combination		-177.053	328.068	19.11	0.
178	0.	SLU_ENV	Combination	Max	-260.715	-41.217	4.731	0.
178	0.5	SLU_ENV	Combination	Max	-250.897	-41.217	4.731	0.
178	1.	SLU_ENV	Combination	Max	-241.08	-41.217	4.731	0.
178	0.	SLU_ENV	Combination	Min	-445.714	-86.012	3.14	0.
178	0.5	SLU_ENV	Combination	Min	-432.46	-86.012	3.14	0.
178	1.	SLU_ENV	Combination	Min	-419.207	-86.012	3.14	0.
178	0.	SLV_Ex	Combination		-177.053	263.318	19.11	0.
178	0.5	SLV_Ex	Combination		-167.236	257.742	19.11	0.
178	1.	SLV_Ex	Combination		-157.418	252.165	19.11	0.
179	0.	SLU_ENV	Combination	Max	-241.08	-41.217	4.731	0.
179	0.5	SLU_ENV	Combination	Max	-231.262	-41.217	4.731	0.
179	1.	SLU_ENV	Combination	Max	-221.445	-41.217	4.731	0.
179	0.	SLU_ENV	Combination	Min	-419.207	-86.012	3.14	0.
179	0.5	SLU_ENV	Combination	Min	-405.953	-86.012	3.14	0.
179	1.	SLU_ENV	Combination	Min	-392.699	-86.012	3.14	0.
179	0.	SLV_Ex	Combination		-157.418	187.415	19.11	0.
179	0.5	SLV_Ex	Combination		-147.601	181.839	19.11	0.
179	1.	SLV_Ex	Combination		-137.783	176.263	19.11	0.
180	0.	SLU_ENV	Combination	Max	-221.445	-41.217	4.731	-1.310E-14
180	0.5	SLU_ENV	Combination	Max	-211.628	-41.217	4.731	-1.310E-14
180	1.	SLU_ENV	Combination	Max	-201.81	-41.217	4.731	-1.310E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
180	0.	SLU_ENV	Combination	Min	-392.699	-86.012	3.14	-1.242E-13
180	0.5	SLU_ENV	Combination	Min	-379.446	-86.012	3.14	-1.242E-13
180	1.	SLU_ENV	Combination	Min	-366.192	-86.012	3.14	-1.242E-13
180	0.	SLV_Ex	Combination		-137.783	111.513	19.11	9.962E-14
180	0.5	SLV_Ex	Combination		-127.966	105.936	19.11	9.962E-14
180	1.	SLV_Ex	Combination		-118.148	100.36	19.11	9.962E-14
181	0.	SLU_ENV	Combination	Max	-201.81	-41.217	4.731	-1.288E-14
181	0.5	SLU_ENV	Combination	Max	-191.993	-41.217	4.731	-1.288E-14
181	1.	SLU_ENV	Combination	Max	-182.175	-41.217	4.731	-1.288E-14
181	0.	SLU_ENV	Combination	Min	-366.192	-86.012	3.14	-1.238E-13
181	0.5	SLU_ENV	Combination	Min	-352.939	-86.012	3.14	-1.238E-13
181	1.	SLU_ENV	Combination	Min	-339.685	-86.012	3.14	-1.238E-13
181	0.	SLV_Ex	Combination		-118.148	35.61	19.11	1.283E-13
181	0.5	SLV_Ex	Combination		-108.331	30.034	19.11	1.283E-13
181	1.	SLV_Ex	Combination		-98.513	24.457	19.11	1.283E-13
182	0.	SLU_ENV	Combination	Max	-182.173	-41.227	4.731	-4.287E-04
182	0.5	SLU_ENV	Combination	Max	-172.356	-41.226	4.731	-4.287E-04
182	1.	SLU_ENV	Combination	Max	-162.538	-41.226	4.731	-4.287E-04
182	0.	SLU_ENV	Combination	Min	-339.681	-86.029	3.14	-0.0014
182	0.5	SLU_ENV	Combination	Min	-326.427	-86.028	3.14	-0.0014
182	1.	SLU_ENV	Combination	Min	-313.174	-86.027	3.14	-0.0014
182	0.	SLV_Ex	Combination		-98.511	-40.298	19.11	-0.0039
182	0.5	SLV_Ex	Combination		-88.694	-45.873	19.11	-0.0039
182	1.	SLV_Ex	Combination		-78.876	-51.449	19.11	-0.0039
183	0.	SLU_ENV	Combination	Max	-41.406	4.729	-0.147	0.
183	0.5	SLU_ENV	Combination	Max	-31.589	4.729	-0.147	0.
183	1.	SLU_ENV	Combination	Max	-21.771	4.729	-0.147	0.
183	0.	SLU_ENV	Combination	Min	-62.626	2.351	-0.674	0.
183	0.5	SLU_ENV	Combination	Min	-49.372	2.351	-0.674	0.
183	1.	SLU_ENV	Combination	Min	-36.118	2.351	-0.674	0.
183	0.	SLV_Ex	Combination		-34.467	-35.834	-1.94	0.
183	0.5	SLV_Ex	Combination		-24.649	-35.834	-1.94	0.
183	1.	SLV_Ex	Combination		-14.832	-35.834	-1.94	0.
193	0.	SLU_ENV	Combination	Max	-63.19	7.705	-0.212	0.
193	0.5	SLU_ENV	Combination	Max	-53.373	7.705	-0.212	0.
193	1.	SLU_ENV	Combination	Max	-43.555	7.705	-0.212	0.
193	0.	SLU_ENV	Combination	Min	-98.764	3.83	-1.236	0.
193	0.5	SLU_ENV	Combination	Min	-85.51	3.83	-1.236	0.
193	1.	SLU_ENV	Combination	Min	-72.257	3.83	-1.236	0.
193	0.	SLV_Ex	Combination		-49.308	-65.026	-3.512	0.
193	0.5	SLV_Ex	Combination		-39.491	-65.026	-3.512	0.
193	1.	SLV_Ex	Combination		-29.673	-65.026	-3.512	0.
194	0.	SLU_ENV	Combination	Max	-84.996	8.898	-0.195	0.
194	0.5	SLU_ENV	Combination	Max	-75.178	8.898	-0.195	0.
194	1.	SLU_ENV	Combination	Max	-65.361	8.898	-0.195	0.
194	0.	SLU_ENV	Combination	Min	-134.937	4.422	-1.683	0.
194	0.5	SLU_ENV	Combination	Min	-121.683	4.422	-1.683	0.
194	1.	SLU_ENV	Combination	Min	-108.43	4.422	-1.683	0.
194	0.	SLV_Ex	Combination		-64.166	-87.342	-4.703	0.
194	0.5	SLV_Ex	Combination		-54.348	-87.342	-4.703	0.
194	1.	SLV_Ex	Combination		-44.531	-87.342	-4.703	0.
195	0.	SLU_ENV	Combination	Max	-106.832	8.228	-0.093	0.
195	0.5	SLU_ENV	Combination	Max	-97.014	8.228	-0.093	0.
195	1.	SLU_ENV	Combination	Max	-87.197	8.228	-0.093	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
195	0.	SLU_ENV	Combination	Min	-171.159	4.087	-2.001	0.
195	0.5	SLU_ENV	Combination	Min	-157.905	4.087	-2.001	0.
195	1.	SLU_ENV	Combination	Min	-144.652	4.087	-2.001	0.
195	0.	SLV_Ex	Combination		-79.045	-102.13	-5.478	0.
195	0.5	SLV_Ex	Combination		-69.228	-102.13	-5.478	0.
195	1.	SLV_Ex	Combination		-59.41	-102.13	-5.478	0.
196	0.	SLU_ENV	Combination	Max	-128.707	5.555	0.098	0.
196	0.5	SLU_ENV	Combination	Max	-118.889	5.555	0.098	0.
196	1.	SLU_ENV	Combination	Max	-109.072	5.555	0.098	0.
196	0.	SLU_ENV	Combination	Min	-207.445	2.755	-2.169	0.
196	0.5	SLU_ENV	Combination	Min	-194.192	2.755	-2.169	0.
196	1.	SLU_ENV	Combination	Min	-180.938	2.755	-2.169	0.
196	0.	SLV_Ex	Combination		-93.953	-108.171	-5.772	0.
196	0.5	SLV_Ex	Combination		-84.135	-108.171	-5.772	0.
196	1.	SLV_Ex	Combination		-74.318	-108.171	-5.772	0.
197	0.	SLU_ENV	Combination	Max	-150.63	0.69	0.381	0.
197	0.5	SLU_ENV	Combination	Max	-140.813	0.69	0.381	0.
197	1.	SLU_ENV	Combination	Max	-130.995	0.69	0.381	0.
197	0.	SLU_ENV	Combination	Min	-243.81	0.333	-2.149	0.
197	0.5	SLU_ENV	Combination	Min	-230.556	0.333	-2.149	0.
197	1.	SLU_ENV	Combination	Min	-217.303	0.333	-2.149	0.
197	0.	SLV_Ex	Combination		-108.894	-103.583	-5.481	0.
197	0.5	SLV_Ex	Combination		-99.077	-103.583	-5.481	0.
197	1.	SLV_Ex	Combination		-89.259	-103.583	-5.481	0.
198	0.	SLU_ENV	Combination	Max	-172.611	-3.294	0.761	0.
198	0.5	SLU_ENV	Combination	Max	-162.793	-3.294	0.761	0.
198	1.	SLU_ENV	Combination	Max	-152.976	-3.294	0.761	0.
198	0.	SLU_ENV	Combination	Min	-280.268	-6.597	-1.891	0.
198	0.5	SLU_ENV	Combination	Min	-267.014	-6.597	-1.891	0.
198	1.	SLU_ENV	Combination	Min	-253.761	-6.597	-1.891	0.
198	0.	SLV_Ex	Combination		-123.876	-85.786	-4.47	0.
198	0.5	SLV_Ex	Combination		-114.059	-85.786	-4.47	0.
198	1.	SLV_Ex	Combination		-104.241	-85.786	-4.47	0.
199	0.	SLU_ENV	Combination	Max	-194.657	-8.239	1.237	0.
199	0.5	SLU_ENV	Combination	Max	-184.839	-8.239	1.237	0.
199	1.	SLU_ENV	Combination	Max	-175.022	-8.239	1.237	0.
199	0.	SLU_ENV	Combination	Min	-316.834	-16.536	-1.332	0.
199	0.5	SLU_ENV	Combination	Min	-303.581	-16.536	-1.332	0.
199	1.	SLU_ENV	Combination	Min	-290.327	-16.536	-1.332	0.
199	0.	SLV_Ex	Combination		-138.904	-51.526	-2.562	0.
199	0.5	SLV_Ex	Combination		-129.087	-51.526	-2.562	0.
199	1.	SLV_Ex	Combination		-119.269	-51.526	-2.562	0.
200	0.	SLU_ENV	Combination	Max	-216.778	-14.598	1.808	0.
200	0.5	SLU_ENV	Combination	Max	-206.961	-14.598	1.808	0.
200	1.	SLU_ENV	Combination	Max	-197.143	-14.598	1.808	0.
200	0.	SLU_ENV	Combination	Min	-353.523	-29.317	-0.394	0.
200	0.5	SLU_ENV	Combination	Min	-340.27	-29.317	-0.394	0.
200	1.	SLU_ENV	Combination	Min	-327.016	-29.317	-0.394	0.
200	0.	SLV_Ex	Combination		-153.984	3.005	0.445	0.
200	0.5	SLV_Ex	Combination		-144.167	3.005	0.445	0.
200	1.	SLV_Ex	Combination		-134.349	3.005	0.445	0.
201	0.	SLU_ENV	Combination	Max	-238.983	-22.411	2.793	0.
201	0.5	SLU_ENV	Combination	Max	-229.166	-22.411	2.793	0.
201	1.	SLU_ENV	Combination	Max	-219.348	-22.411	2.793	0.



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
201	0.	SLU_ENV	Combination	Min	-390.35	-45.023	0.674	0.
201	0.5	SLU_ENV	Combination	Min	-377.097	-45.023	0.674	0.
201	1.	SLU_ENV	Combination	Min	-363.843	-45.023	0.674	0.
201	0.	SLV_Ex	Combination		-169.123	81.949	4.771	0.
201	0.5	SLV_Ex	Combination		-159.305	81.949	4.771	0.
201	1.	SLV_Ex	Combination		-149.488	81.949	4.771	0.
202	0.	SLU_ENV	Combination	Max	-261.281	-31.623	4.16	-7.216E-17
202	0.5	SLU_ENV	Combination	Max	-251.463	-31.623	4.16	-7.216E-17
202	1.	SLU_ENV	Combination	Max	-241.646	-31.623	4.16	-7.216E-17
202	0.	SLU_ENV	Combination	Min	-427.33	-63.544	1.97	-3.091E-16
202	0.5	SLU_ENV	Combination	Min	-414.076	-63.544	1.97	-3.091E-16
202	1.	SLU_ENV	Combination	Min	-400.823	-63.544	1.97	-3.091E-16
202	0.	SLV_Ex	Combination		-184.326	189.428	10.633	-2.290E-16
202	0.5	SLV_Ex	Combination		-174.508	189.428	10.633	-2.290E-16
202	1.	SLV_Ex	Combination		-164.691	189.428	10.633	-2.290E-16
203	0.	SLU_ENV	Combination	Max	-283.68	-42.035	5.759	0.
203	0.5	SLU_ENV	Combination	Max	-273.863	-42.035	5.759	0.
203	1.	SLU_ENV	Combination	Max	-264.045	-42.035	5.759	0.
203	0.	SLU_ENV	Combination	Min	-464.477	-84.483	3.684	0.
203	0.5	SLU_ENV	Combination	Min	-451.224	-84.483	3.684	0.
203	1.	SLU_ENV	Combination	Min	-437.97	-84.483	3.684	0.
203	0.	SLV_Ex	Combination		-199.6	329.034	18.216	-2.842E-14
203	0.5	SLV_Ex	Combination		-189.782	329.034	18.216	-2.842E-14
203	1.	SLV_Ex	Combination		-179.965	329.034	18.216	-2.842E-14
204	0.	SLU_ENV	Combination	Max	-264.045	-42.035	5.759	0.
204	0.5	SLU_ENV	Combination	Max	-254.228	-42.035	5.759	0.
204	1.	SLU_ENV	Combination	Max	-244.41	-42.035	5.759	0.
204	0.	SLU_ENV	Combination	Min	-437.97	-84.483	3.684	0.
204	0.5	SLU_ENV	Combination	Min	-424.716	-84.483	3.684	0.
204	1.	SLU_ENV	Combination	Min	-411.463	-84.483	3.684	0.
204	0.	SLV_Ex	Combination		-179.965	264.284	18.216	-2.842E-14
204	0.5	SLV_Ex	Combination		-170.147	258.708	18.216	-2.842E-14
204	1.	SLV_Ex	Combination		-160.33	253.132	18.216	-2.842E-14
205	0.	SLU_ENV	Combination	Max	-244.41	-42.035	5.759	-1.471E-16
205	0.5	SLU_ENV	Combination	Max	-234.593	-42.035	5.759	-1.471E-16
205	1.	SLU_ENV	Combination	Max	-224.775	-42.035	5.759	-1.471E-16
205	0.	SLU_ENV	Combination	Min	-411.463	-84.483	3.684	-3.185E-16
205	0.5	SLU_ENV	Combination	Min	-398.209	-84.483	3.684	-3.185E-16
205	1.	SLU_ENV	Combination	Min	-384.956	-84.483	3.684	-3.185E-16
205	0.	SLV_Ex	Combination		-160.33	188.382	18.216	-2.359E-16
205	0.5	SLV_Ex	Combination		-150.512	182.805	18.216	-2.359E-16
205	1.	SLV_Ex	Combination		-140.695	177.229	18.216	-2.359E-16
206	0.	SLU_ENV	Combination	Max	-224.775	-42.035	5.759	-2.220E-16
206	0.5	SLU_ENV	Combination	Max	-214.958	-42.035	5.759	-2.220E-16
206	1.	SLU_ENV	Combination	Max	-205.141	-42.035	5.759	-2.220E-16
206	0.	SLU_ENV	Combination	Min	-384.956	-84.483	3.684	-3.091E-16
206	0.5	SLU_ENV	Combination	Min	-371.702	-84.483	3.684	-3.091E-16
206	1.	SLU_ENV	Combination	Min	-358.448	-84.483	3.684	-3.091E-16
206	0.	SLV_Ex	Combination		-140.695	112.479	18.216	-5.707E-14
206	0.5	SLV_Ex	Combination		-130.877	106.903	18.216	-5.707E-14
206	1.	SLV_Ex	Combination		-121.06	101.326	18.216	-5.707E-14
207	0.	SLU_ENV	Combination	Max	-205.141	-42.035	5.759	-3.691E-16
207	0.5	SLU_ENV	Combination	Max	-195.323	-42.035	5.759	-3.691E-16
207	1.	SLU_ENV	Combination	Max	-185.506	-42.035	5.759	-3.691E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
207	0.	SLU_ENV	Combination	Min	-358.448	-84.483	3.684	-6.089E-16
207	0.5	SLU_ENV	Combination	Min	-345.195	-84.483	3.684	-6.089E-16
207	1.	SLU_ENV	Combination	Min	-331.941	-84.483	3.684	-6.089E-16
207	0.	SLV_Ex	Combination		-121.06	36.576	18.216	-5.729E-14
207	0.5	SLV_Ex	Combination		-111.242	31.	18.216	-5.729E-14
207	1.	SLV_Ex	Combination		-101.425	25.424	18.216	-5.729E-14
208	0.	SLU_ENV	Combination	Max	-185.503	-42.044	5.759	-6.032E-04
208	0.5	SLU_ENV	Combination	Max	-175.686	-42.044	5.759	-6.032E-04
208	1.	SLU_ENV	Combination	Max	-165.869	-42.043	5.759	-6.032E-04
208	0.	SLU_ENV	Combination	Min	-331.937	-84.499	3.684	-0.0017
208	0.5	SLU_ENV	Combination	Min	-318.683	-84.499	3.684	-0.0017
208	1.	SLU_ENV	Combination	Min	-305.43	-84.498	3.684	-0.0017
208	0.	SLV_Ex	Combination		-101.423	-39.331	18.216	-0.0036
208	0.5	SLV_Ex	Combination		-91.605	-44.907	18.216	-0.0036
208	1.	SLV_Ex	Combination		-81.787	-50.483	18.216	-0.0036
209	0.	SLU_ENV	Combination	Max	-41.609	4.628	-0.185	0.
209	0.5	SLU_ENV	Combination	Max	-31.791	4.628	-0.185	0.
209	1.	SLU_ENV	Combination	Max	-21.974	4.628	-0.185	0.
209	0.	SLU_ENV	Combination	Min	-61.836	2.384	-0.703	0.
209	0.5	SLU_ENV	Combination	Min	-48.583	2.384	-0.703	0.
209	1.	SLU_ENV	Combination	Min	-35.329	2.384	-0.703	0.
209	0.	SLV_Ex	Combination		-34.889	-35.94	-1.855	0.
209	0.5	SLV_Ex	Combination		-25.072	-35.94	-1.855	0.
209	1.	SLV_Ex	Combination		-15.254	-35.94	-1.855	0.
219	0.	SLU_ENV	Combination	Max	-63.596	7.54	-0.274	0.
219	0.5	SLU_ENV	Combination	Max	-53.778	7.54	-0.274	0.
219	1.	SLU_ENV	Combination	Max	-43.961	7.54	-0.274	0.
219	0.	SLU_ENV	Combination	Min	-97.185	3.883	-1.284	0.
219	0.5	SLU_ENV	Combination	Min	-83.931	3.883	-1.284	0.
219	1.	SLU_ENV	Combination	Min	-70.678	3.883	-1.284	0.
219	0.	SLV_Ex	Combination		-50.154	-65.232	-3.373	0.
219	0.5	SLV_Ex	Combination		-40.336	-65.232	-3.373	0.
219	1.	SLV_Ex	Combination		-30.519	-65.232	-3.373	0.
220	0.	SLU_ENV	Combination	Max	-85.604	8.706	-0.267	0.
220	0.5	SLU_ENV	Combination	Max	-75.787	8.706	-0.267	0.
220	1.	SLU_ENV	Combination	Max	-65.969	8.706	-0.267	0.
220	0.	SLU_ENV	Combination	Min	-132.567	4.483	-1.739	0.
220	0.5	SLU_ENV	Combination	Min	-119.314	4.483	-1.739	0.
220	1.	SLU_ENV	Combination	Min	-106.06	4.483	-1.739	0.
220	0.	SLV_Ex	Combination		-65.434	-87.644	-4.543	0.
220	0.5	SLV_Ex	Combination		-55.617	-87.644	-4.543	0.
220	1.	SLV_Ex	Combination		-45.799	-87.644	-4.543	0.
221	0.	SLU_ENV	Combination	Max	-107.643	8.048	-0.16	0.
221	0.5	SLU_ENV	Combination	Max	-97.826	8.048	-0.16	0.
221	1.	SLU_ENV	Combination	Max	-88.008	8.048	-0.16	0.
221	0.	SLU_ENV	Combination	Min	-167.998	4.143	-2.054	0.
221	0.5	SLU_ENV	Combination	Min	-154.745	4.143	-2.054	0.
221	1.	SLU_ENV	Combination	Min	-141.491	4.143	-2.054	0.
221	0.	SLV_Ex	Combination		-80.737	-102.519	-5.33	0.
221	0.5	SLV_Ex	Combination		-70.92	-102.519	-5.33	0.
221	1.	SLV_Ex	Combination		-61.103	-102.519	-5.33	0.
222	0.	SLU_ENV	Combination	Max	-129.722	5.431	0.051	0.
222	0.5	SLU_ENV	Combination	Max	-119.905	5.431	0.051	0.
222	1.	SLU_ENV	Combination	Max	-110.087	5.431	0.051	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
222	0.	SLU_ENV	Combination	Min	-203.492	2.792	-2.206	0.
222	0.5	SLU_ENV	Combination	Min	-190.238	2.792	-2.206	0.
222	1.	SLU_ENV	Combination	Min	-176.985	2.792	-2.206	0.
222	0.	SLV_Ex	Combination		-96.069	-108.635	-5.671	0.
222	0.5	SLV_Ex	Combination		-86.252	-108.635	-5.671	0.
222	1.	SLV_Ex	Combination		-76.434	-108.635	-5.671	0.
223	0.	SLU_ENV	Combination	Max	-151.85	0.666	0.372	0.
223	0.5	SLU_ENV	Combination	Max	-142.032	0.666	0.372	0.
223	1.	SLU_ENV	Combination	Max	-132.215	0.666	0.372	0.
223	0.	SLU_ENV	Combination	Min	-239.063	0.335	-2.156	0.
223	0.5	SLU_ENV	Combination	Min	-225.809	0.335	-2.156	0.
223	1.	SLU_ENV	Combination	Min	-212.555	0.335	-2.156	0.
223	0.	SLV_Ex	Combination		-111.436	-104.105	-5.469	0.
223	0.5	SLV_Ex	Combination		-101.619	-104.105	-5.469	0.
223	1.	SLV_Ex	Combination		-91.801	-104.105	-5.469	0.
224	0.	SLU_ENV	Combination	Max	-174.035	-3.343	0.808	0.
224	0.5	SLU_ENV	Combination	Max	-164.217	-3.343	0.808	0.
224	1.	SLU_ENV	Combination	Max	-154.4	-3.343	0.808	0.
224	0.	SLU_ENV	Combination	Min	-274.725	-6.469	-1.854	0.
224	0.5	SLU_ENV	Combination	Min	-261.471	-6.469	-1.854	0.
224	1.	SLU_ENV	Combination	Min	-248.218	-6.469	-1.854	0.
224	0.	SLV_Ex	Combination		-126.844	-86.337	-4.589	0.
224	0.5	SLV_Ex	Combination		-117.027	-86.337	-4.589	0.
224	1.	SLV_Ex	Combination		-107.209	-86.337	-4.589	0.
225	0.	SLU_ENV	Combination	Max	-196.286	-8.358	1.363	0.
225	0.5	SLU_ENV	Combination	Max	-186.469	-8.358	1.363	0.
225	1.	SLU_ENV	Combination	Max	-176.651	-8.358	1.363	0.
225	0.	SLU_ENV	Combination	Min	-310.493	-16.2	-1.233	0.
225	0.5	SLU_ENV	Combination	Min	-297.239	-16.2	-1.233	0.
225	1.	SLU_ENV	Combination	Min	-283.985	-16.2	-1.233	0.
225	0.	SLV_Ex	Combination		-142.3	-52.066	-2.86	0.
225	0.5	SLV_Ex	Combination		-132.482	-52.066	-2.86	0.
225	1.	SLV_Ex	Combination		-122.665	-52.066	-2.86	0.
226	0.	SLU_ENV	Combination	Max	-218.613	-14.807	2.034	0.
226	0.5	SLU_ENV	Combination	Max	-208.795	-14.807	2.034	0.
226	1.	SLU_ENV	Combination	Max	-198.978	-14.807	2.034	0.
226	0.	SLU_ENV	Combination	Min	-346.381	-28.713	-0.216	0.
226	0.5	SLU_ENV	Combination	Min	-333.127	-28.713	-0.216	0.
226	1.	SLU_ENV	Combination	Min	-319.874	-28.713	-0.216	0.
226	0.	SLV_Ex	Combination		-157.809	2.533	-0.084	0.
226	0.5	SLV_Ex	Combination		-147.991	2.533	-0.084	0.
226	1.	SLV_Ex	Combination		-138.174	2.533	-0.084	0.
227	0.	SLU_ENV	Combination	Max	-241.024	-22.729	3.236	0.
227	0.5	SLU_ENV	Combination	Max	-231.207	-22.729	3.236	0.
227	1.	SLU_ENV	Combination	Max	-221.389	-22.729	3.236	0.
227	0.	SLU_ENV	Combination	Min	-382.404	-44.087	0.856	0.
227	0.5	SLU_ENV	Combination	Min	-369.15	-44.087	0.856	0.
227	1.	SLU_ENV	Combination	Min	-355.897	-44.087	0.856	0.
227	0.	SLV_Ex	Combination		-173.378	81.622	3.959	0.
227	0.5	SLV_Ex	Combination		-163.56	81.622	3.959	0.
227	1.	SLV_Ex	Combination		-153.743	81.622	3.959	0.
228	0.	SLU_ENV	Combination	Max	-263.529	-32.07	4.79	0.
228	0.5	SLU_ENV	Combination	Max	-253.712	-32.07	4.79	0.
228	1.	SLU_ENV	Combination	Max	-243.894	-32.07	4.79	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
228	0.	SLU_ENV	Combination	Min	-418.577	-62.216	2.227	0.
228	0.5	SLU_ENV	Combination	Min	-405.323	-62.216	2.227	0.
228	1.	SLU_ENV	Combination	Min	-392.069	-62.216	2.227	0.
228	0.	SLV_Ex	Combination		-189.013	189.346	9.486	0.
228	0.5	SLV_Ex	Combination		-179.195	189.346	9.486	0.
228	1.	SLV_Ex	Combination		-169.378	189.346	9.486	0.
229	0.	SLU_ENV	Combination	Max	-286.137	-42.627	6.6	-2.942E-16
229	0.5	SLU_ENV	Combination	Max	-276.32	-42.627	6.6	-2.942E-16
229	1.	SLU_ENV	Combination	Max	-266.502	-42.627	6.6	-2.942E-16
229	0.	SLU_ENV	Combination	Min	-454.913	-82.71	4.028	-5.995E-16
229	0.5	SLU_ENV	Combination	Min	-441.66	-82.71	4.028	-5.995E-16
229	1.	SLU_ENV	Combination	Min	-428.406	-82.71	4.028	-5.995E-16
229	0.	SLV_Ex	Combination		-204.72	329.322	16.692	-2.887E-14
229	0.5	SLV_Ex	Combination		-194.903	329.322	16.692	-2.887E-14
229	1.	SLV_Ex	Combination		-185.086	329.322	16.692	-2.887E-14
230	0.	SLU_ENV	Combination	Max	-266.502	-42.627	6.6	1.499E-16
230	0.5	SLU_ENV	Combination	Max	-256.685	-42.627	6.6	1.499E-16
230	1.	SLU_ENV	Combination	Max	-246.867	-42.627	6.6	1.499E-16
230	0.	SLU_ENV	Combination	Min	-428.406	-82.71	4.028	-1.874E-17
230	0.5	SLU_ENV	Combination	Min	-415.153	-82.71	4.028	-1.874E-17
230	1.	SLU_ENV	Combination	Min	-401.899	-82.71	4.028	-1.874E-17
230	0.	SLV_Ex	Combination		-185.086	264.572	16.692	-1.388E-17
230	0.5	SLV_Ex	Combination		-175.268	258.996	16.692	-1.388E-17
230	1.	SLV_Ex	Combination		-165.451	253.42	16.692	-1.388E-17
231	0.	SLU_ENV	Combination	Max	-246.867	-42.627	6.6	1.499E-16
231	0.5	SLU_ENV	Combination	Max	-237.05	-42.627	6.6	1.499E-16
231	1.	SLU_ENV	Combination	Max	-227.232	-42.627	6.6	1.499E-16
231	0.	SLU_ENV	Combination	Min	-401.899	-82.71	4.028	-1.874E-17
231	0.5	SLU_ENV	Combination	Min	-388.645	-82.71	4.028	-1.874E-17
231	1.	SLU_ENV	Combination	Min	-375.392	-82.71	4.028	-1.874E-17
231	0.	SLV_Ex	Combination		-165.451	188.67	16.692	-1.388E-17
231	0.5	SLV_Ex	Combination		-155.633	183.093	16.692	-1.388E-17
231	1.	SLV_Ex	Combination		-145.816	177.517	16.692	-1.388E-17
232	0.	SLU_ENV	Combination	Max	-227.232	-42.627	6.6	-7.216E-17
232	0.5	SLU_ENV	Combination	Max	-217.415	-42.627	6.6	-7.216E-17
232	1.	SLU_ENV	Combination	Max	-207.597	-42.627	6.6	-7.216E-17
232	0.	SLU_ENV	Combination	Min	-375.392	-82.71	4.028	-2.998E-16
232	0.5	SLU_ENV	Combination	Min	-362.138	-82.71	4.028	-2.998E-16
232	1.	SLU_ENV	Combination	Min	-348.885	-82.71	4.028	-2.998E-16
232	0.	SLV_Ex	Combination		-145.816	112.767	16.692	-2.864E-14
232	0.5	SLV_Ex	Combination		-135.998	107.191	16.692	-2.864E-14
232	1.	SLV_Ex	Combination		-126.181	101.614	16.692	-2.864E-14
233	0.	SLU_ENV	Combination	Max	-207.597	-42.627	6.6	-6.661E-16
233	0.5	SLU_ENV	Combination	Max	-197.78	-42.627	6.6	-6.661E-16
233	1.	SLU_ENV	Combination	Max	-187.962	-42.627	6.6	-6.661E-16
233	0.	SLU_ENV	Combination	Min	-348.885	-82.71	4.028	-8.993E-16
233	0.5	SLU_ENV	Combination	Min	-335.631	-82.71	4.028	-8.993E-16
233	1.	SLU_ENV	Combination	Min	-322.377	-82.71	4.028	-8.993E-16
233	0.	SLV_Ex	Combination		-126.181	36.864	16.692	-8.593E-14
233	0.5	SLV_Ex	Combination		-116.363	31.288	16.692	-8.593E-14
233	1.	SLV_Ex	Combination		-106.546	25.712	16.692	-8.593E-14
234	0.	SLU_ENV	Combination	Max	-187.96	-42.636	6.6	-7.133E-04
234	0.5	SLU_ENV	Combination	Max	-178.143	-42.636	6.6	-7.133E-04
234	1.	SLU_ENV	Combination	Max	-168.325	-42.635	6.6	-7.133E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
234	0.	SLU_ENV	Combination	Min	-322.373	-82.726	4.028	-0.002
234	0.5	SLU_ENV	Combination	Min	-309.12	-82.725	4.028	-0.002
234	1.	SLU_ENV	Combination	Min	-295.866	-82.724	4.028	-0.002
234	0.	SLV_Ex	Combination		-106.544	-39.044	16.692	-0.0031
234	0.5	SLV_Ex	Combination		-96.726	-44.619	16.692	-0.0031
234	1.	SLV_Ex	Combination		-86.908	-50.195	16.692	-0.0031
235	0.	SLU_ENV	Combination	Max	-41.755	4.544	-0.229	0.
235	0.5	SLU_ENV	Combination	Max	-31.938	4.544	-0.229	0.
235	1.	SLU_ENV	Combination	Max	-22.12	4.544	-0.229	0.
235	0.	SLU_ENV	Combination	Min	-60.897	2.418	-0.728	0.
235	0.5	SLU_ENV	Combination	Min	-47.644	2.418	-0.728	0.
235	1.	SLU_ENV	Combination	Min	-34.39	2.418	-0.728	0.
235	0.	SLV_Ex	Combination		-35.608	-36.03	-1.722	0.
235	0.5	SLV_Ex	Combination		-25.79	-36.03	-1.722	0.
235	1.	SLV_Ex	Combination		-15.973	-36.03	-1.722	0.
245	0.	SLU_ENV	Combination	Max	-63.888	7.403	-0.346	0.
245	0.5	SLU_ENV	Combination	Max	-54.071	7.403	-0.346	0.
245	1.	SLU_ENV	Combination	Max	-44.253	7.403	-0.346	0.
245	0.	SLU_ENV	Combination	Min	-95.306	3.939	-1.326	0.
245	0.5	SLU_ENV	Combination	Min	-82.053	3.939	-1.326	0.
245	1.	SLU_ENV	Combination	Min	-68.799	3.939	-1.326	0.
245	0.	SLV_Ex	Combination		-51.591	-65.413	-3.156	0.
245	0.5	SLV_Ex	Combination		-41.774	-65.413	-3.156	0.
245	1.	SLV_Ex	Combination		-31.956	-65.413	-3.156	0.
246	0.	SLU_ENV	Combination	Max	-86.043	8.547	-0.351	0.
246	0.5	SLU_ENV	Combination	Max	-76.226	8.547	-0.351	0.
246	1.	SLU_ENV	Combination	Max	-66.408	8.547	-0.351	0.
246	0.	SLU_ENV	Combination	Min	-129.749	4.547	-1.787	0.
246	0.5	SLU_ENV	Combination	Min	-116.495	4.547	-1.787	0.
246	1.	SLU_ENV	Combination	Min	-103.242	4.547	-1.787	0.
246	0.	SLV_Ex	Combination		-67.592	-87.916	-4.292	0.
246	0.5	SLV_Ex	Combination		-57.774	-87.916	-4.292	0.
246	1.	SLV_Ex	Combination		-47.957	-87.916	-4.292	0.
247	0.	SLU_ENV	Combination	Max	-108.229	7.899	-0.238	0.
247	0.5	SLU_ENV	Combination	Max	-98.412	7.899	-0.238	0.
247	1.	SLU_ENV	Combination	Max	-88.594	7.899	-0.238	0.
247	0.	SLU_ENV	Combination	Min	-164.238	4.201	-2.099	0.
247	0.5	SLU_ENV	Combination	Min	-150.985	4.201	-2.099	0.
247	1.	SLU_ENV	Combination	Min	-137.731	4.201	-2.099	0.
247	0.	SLV_Ex	Combination		-83.615	-102.881	-5.098	0.
247	0.5	SLV_Ex	Combination		-73.798	-102.881	-5.098	0.
247	1.	SLV_Ex	Combination		-63.98	-102.881	-5.098	0.
248	0.	SLU_ENV	Combination	Max	-130.455	5.326	-3.291E-03	0.
248	0.5	SLU_ENV	Combination	Max	-120.638	5.326	-3.291E-03	0.
248	1.	SLU_ENV	Combination	Max	-110.82	5.326	-3.291E-03	0.
248	0.	SLU_ENV	Combination	Min	-198.789	2.831	-2.237	0.
248	0.5	SLU_ENV	Combination	Min	-185.536	2.831	-2.237	0.
248	1.	SLU_ENV	Combination	Min	-172.282	2.831	-2.237	0.
248	0.	SLV_Ex	Combination		-99.669	-109.081	-5.514	0.
248	0.5	SLV_Ex	Combination		-89.851	-109.081	-5.514	0.
248	1.	SLV_Ex	Combination		-80.034	-109.081	-5.514	0.
249	0.	SLU_ENV	Combination	Max	-152.73	0.645	0.362	0.
249	0.5	SLU_ENV	Combination	Max	-142.912	0.645	0.362	0.
249	1.	SLU_ENV	Combination	Max	-133.095	0.645	0.362	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
249	0.	SLU_ENV	Combination	Min	-233.415	0.338	-2.163	0.
249	0.5	SLU_ENV	Combination	Min	-220.161	0.338	-2.163	0.
249	1.	SLU_ENV	Combination	Min	-206.908	0.338	-2.163	0.
249	0.	SLV_Ex	Combination		-115.759	-104.624	-5.448	0.
249	0.5	SLV_Ex	Combination		-105.941	-104.624	-5.448	0.
249	1.	SLV_Ex	Combination		-96.124	-104.624	-5.448	0.
250	0.	SLU_ENV	Combination	Max	-175.062	-3.394	0.865	0.
250	0.5	SLU_ENV	Combination	Max	-165.245	-3.394	0.865	0.
250	1.	SLU_ENV	Combination	Max	-155.427	-3.394	0.865	0.
250	0.	SLU_ENV	Combination	Min	-268.13	-6.364	-1.823	0.
250	0.5	SLU_ENV	Combination	Min	-254.876	-6.364	-1.823	0.
250	1.	SLU_ENV	Combination	Min	-241.623	-6.364	-1.823	0.
250	0.	SLV_Ex	Combination		-131.891	-86.909	-4.773	0.
250	0.5	SLV_Ex	Combination		-122.074	-86.909	-4.773	0.
250	1.	SLV_Ex	Combination		-112.257	-86.909	-4.773	0.
251	0.	SLU_ENV	Combination	Max	-197.462	-8.483	1.511	0.
251	0.5	SLU_ENV	Combination	Max	-187.644	-8.483	1.511	0.
251	1.	SLU_ENV	Combination	Max	-177.827	-8.483	1.511	0.
251	0.	SLU_ENV	Combination	Min	-302.948	-15.924	-1.151	0.
251	0.5	SLU_ENV	Combination	Min	-289.695	-15.924	-1.151	0.
251	1.	SLU_ENV	Combination	Min	-276.441	-15.924	-1.151	0.
251	0.	SLV_Ex	Combination		-148.074	-52.659	-3.323	0.
251	0.5	SLV_Ex	Combination		-138.256	-52.659	-3.323	0.
251	1.	SLV_Ex	Combination		-128.439	-52.659	-3.323	0.
252	0.	SLU_ENV	Combination	Max	-219.937	-15.025	2.3	0.
252	0.5	SLU_ENV	Combination	Max	-210.119	-15.025	2.3	0.
252	1.	SLU_ENV	Combination	Max	-200.302	-15.025	2.3	0.
252	0.	SLU_ENV	Combination	Min	-337.884	-28.214	-0.067	0.
252	0.5	SLU_ENV	Combination	Min	-324.63	-28.214	-0.067	0.
252	1.	SLU_ENV	Combination	Min	-311.376	-28.214	-0.067	0.
252	0.	SLV_Ex	Combination		-164.312	1.966	-0.906	0.
252	0.5	SLV_Ex	Combination		-154.494	1.966	-0.906	0.
252	1.	SLV_Ex	Combination		-144.677	1.966	-0.906	0.
253	0.	SLU_ENV	Combination	Max	-242.497	-23.061	3.73	0.
253	0.5	SLU_ENV	Combination	Max	-232.68	-23.061	3.73	0.
253	1.	SLU_ENV	Combination	Max	-222.862	-23.061	3.73	0.
253	0.	SLU_ENV	Combination	Min	-372.951	-43.314	1.005	0.
253	0.5	SLU_ENV	Combination	Min	-359.697	-43.314	1.005	0.
253	1.	SLU_ENV	Combination	Min	-346.443	-43.314	1.005	0.
253	0.	SLV_Ex	Combination		-180.613	81.149	2.695	0.
253	0.5	SLV_Ex	Combination		-170.795	81.149	2.695	0.
253	1.	SLV_Ex	Combination		-160.978	81.149	2.695	0.
254	0.	SLU_ENV	Combination	Max	-265.152	-32.537	5.49	1.499E-16
254	0.5	SLU_ENV	Combination	Max	-255.335	-32.537	5.49	1.499E-16
254	1.	SLU_ENV	Combination	Max	-245.517	-32.537	5.49	1.499E-16
254	0.	SLU_ENV	Combination	Min	-408.163	-61.119	2.439	0.
254	0.5	SLU_ENV	Combination	Min	-394.909	-61.119	2.439	0.
254	1.	SLU_ENV	Combination	Min	-381.656	-61.119	2.439	0.
254	0.	SLV_Ex	Combination		-196.983	189.058	7.701	-2.842E-14
254	0.5	SLV_Ex	Combination		-187.165	189.058	7.701	-2.842E-14
254	1.	SLV_Ex	Combination		-177.348	189.058	7.701	-2.842E-14
255	0.	SLU_ENV	Combination	Max	-287.91	-43.247	7.535	-4.441E-16
255	0.5	SLU_ENV	Combination	Max	-278.093	-43.247	7.535	-4.441E-16
255	1.	SLU_ENV	Combination	Max	-268.275	-43.247	7.535	-4.441E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
255	0.	SLU_ENV	Combination	Min	-443.536	-81.244	4.31	-6.089E-16
255	0.5	SLU_ENV	Combination	Min	-430.282	-81.244	4.31	-6.089E-16
255	1.	SLU_ENV	Combination	Min	-417.028	-81.244	4.31	-6.089E-16
255	0.	SLV_Ex	Combination		-213.428	329.336	14.318	-4.510E-16
255	0.5	SLV_Ex	Combination		-203.611	329.336	14.318	-4.510E-16
255	1.	SLV_Ex	Combination		-193.793	329.336	14.318	-4.510E-16
256	0.	SLU_ENV	Combination	Max	-268.275	-43.247	7.535	7.494E-17
256	0.5	SLU_ENV	Combination	Max	-258.458	-43.247	7.535	7.494E-17
256	1.	SLU_ENV	Combination	Max	-248.64	-43.247	7.535	7.494E-17
256	0.	SLU_ENV	Combination	Min	-417.028	-81.244	4.31	-1.874E-17
256	0.5	SLU_ENV	Combination	Min	-403.775	-81.244	4.31	-1.874E-17
256	1.	SLU_ENV	Combination	Min	-390.521	-81.244	4.31	-1.874E-17
256	0.	SLV_Ex	Combination		-193.793	264.586	14.318	-1.388E-17
256	0.5	SLV_Ex	Combination		-183.976	259.01	14.318	-1.388E-17
256	1.	SLV_Ex	Combination		-174.158	253.433	14.318	-1.388E-17
257	0.	SLU_ENV	Combination	Max	-248.64	-43.247	7.535	7.494E-17
257	0.5	SLU_ENV	Combination	Max	-238.823	-43.247	7.535	7.494E-17
257	1.	SLU_ENV	Combination	Max	-229.005	-43.247	7.535	7.494E-17
257	0.	SLU_ENV	Combination	Min	-390.521	-81.244	4.31	0.
257	0.5	SLU_ENV	Combination	Min	-377.268	-81.244	4.31	0.
257	1.	SLU_ENV	Combination	Min	-364.014	-81.244	4.31	0.
257	0.	SLV_Ex	Combination		-174.158	188.683	14.318	-2.842E-14
257	0.5	SLV_Ex	Combination		-164.341	183.107	14.318	-2.842E-14
257	1.	SLV_Ex	Combination		-154.523	177.531	14.318	-2.842E-14
258	0.	SLU_ENV	Combination	Max	-229.005	-43.247	7.535	-1.471E-16
258	0.5	SLU_ENV	Combination	Max	-219.188	-43.247	7.535	-1.471E-16
258	1.	SLU_ENV	Combination	Max	-209.37	-43.247	7.535	-1.471E-16
258	0.	SLU_ENV	Combination	Min	-364.014	-81.244	4.31	-3.091E-16
258	0.5	SLU_ENV	Combination	Min	-350.76	-81.244	4.31	-3.091E-16
258	1.	SLU_ENV	Combination	Min	-337.507	-81.244	4.31	-3.091E-16
258	0.	SLV_Ex	Combination		-154.523	112.781	14.318	-2.290E-16
258	0.5	SLV_Ex	Combination		-144.706	107.204	14.318	-2.290E-16
258	1.	SLV_Ex	Combination		-134.889	101.628	14.318	-2.290E-16
259	0.	SLU_ENV	Combination	Max	-209.37	-43.247	7.535	2.776E-18
259	0.5	SLU_ENV	Combination	Max	-199.553	-43.247	7.535	2.776E-18
259	1.	SLU_ENV	Combination	Max	-189.735	-43.247	7.535	2.776E-18
259	0.	SLU_ENV	Combination	Min	-337.507	-81.244	4.31	-3.091E-16
259	0.5	SLU_ENV	Combination	Min	-324.253	-81.244	4.31	-3.091E-16
259	1.	SLU_ENV	Combination	Min	-311.	-81.244	4.31	-3.091E-16
259	0.	SLV_Ex	Combination		-134.889	36.878	14.318	-8.549E-14
259	0.5	SLV_Ex	Combination		-125.071	31.302	14.318	-8.549E-14
259	1.	SLV_Ex	Combination		-115.254	25.725	14.318	-8.549E-14
260	0.	SLU_ENV	Combination	Max	-189.733	-43.256	7.535	-8.038E-04
260	0.5	SLU_ENV	Combination	Max	-179.916	-43.256	7.535	-8.038E-04
260	1.	SLU_ENV	Combination	Max	-170.098	-43.255	7.535	-8.038E-04
260	0.	SLU_ENV	Combination	Min	-310.996	-81.259	4.31	-0.0023
260	0.5	SLU_ENV	Combination	Min	-297.742	-81.259	4.31	-0.0023
260	1.	SLU_ENV	Combination	Min	-284.488	-81.258	4.31	-0.0023
260	0.	SLV_Ex	Combination		-115.252	-39.031	14.318	-0.0024
260	0.5	SLV_Ex	Combination		-105.434	-44.606	14.318	-0.0024
260	1.	SLV_Ex	Combination		-95.616	-50.182	14.318	-0.0024
261	0.	SLU_ENV	Combination	Max	-41.86	4.395	-0.266	0.
261	0.5	SLU_ENV	Combination	Max	-32.043	4.395	-0.266	0.
261	1.	SLU_ENV	Combination	Max	-22.225	4.395	-0.266	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
261	0.	SLU_ENV	Combination	Min	-59.801	2.403	-0.729	0.
261	0.5	SLU_ENV	Combination	Min	-46.547	2.403	-0.729	0.
261	1.	SLU_ENV	Combination	Min	-33.293	2.403	-0.729	0.
261	0.	SLV_Ex	Combination		-36.71	-36.016	-1.57	0.
261	0.5	SLV_Ex	Combination		-26.892	-36.016	-1.57	0.
261	1.	SLV_Ex	Combination		-17.075	-36.016	-1.57	0.
271	0.	SLU_ENV	Combination	Max	-64.099	7.159	-0.407	0.
271	0.5	SLU_ENV	Combination	Max	-54.281	7.159	-0.407	0.
271	1.	SLU_ENV	Combination	Max	-44.464	7.159	-0.407	0.
271	0.	SLU_ENV	Combination	Min	-93.113	3.914	-1.327	0.
271	0.5	SLU_ENV	Combination	Min	-79.859	3.914	-1.327	0.
271	1.	SLU_ENV	Combination	Min	-66.606	3.914	-1.327	0.
271	0.	SLV_Ex	Combination		-53.795	-65.425	-2.909	0.
271	0.5	SLV_Ex	Combination		-43.978	-65.425	-2.909	0.
271	1.	SLV_Ex	Combination		-34.16	-65.425	-2.909	0.
272	0.	SLU_ENV	Combination	Max	-86.359	8.263	-0.421	0.
272	0.5	SLU_ENV	Combination	Max	-76.541	8.263	-0.421	0.
272	1.	SLU_ENV	Combination	Max	-66.724	8.263	-0.421	0.
272	0.	SLU_ENV	Combination	Min	-126.457	4.518	-1.789	0.
272	0.5	SLU_ENV	Combination	Min	-113.204	4.518	-1.789	0.
272	1.	SLU_ENV	Combination	Min	-99.95	4.518	-1.789	0.
272	0.	SLV_Ex	Combination		-70.899	-87.991	-4.006	0.
272	0.5	SLV_Ex	Combination		-61.081	-87.991	-4.006	0.
272	1.	SLV_Ex	Combination		-51.264	-87.991	-4.006	0.
273	0.	SLU_ENV	Combination	Max	-108.65	7.634	-0.305	0.
273	0.5	SLU_ENV	Combination	Max	-98.833	7.634	-0.305	0.
273	1.	SLU_ENV	Combination	Max	-89.015	7.634	-0.305	0.
273	0.	SLU_ENV	Combination	Min	-159.848	4.173	-2.102	0.
273	0.5	SLU_ENV	Combination	Min	-146.594	4.173	-2.102	0.
273	1.	SLU_ENV	Combination	Min	-133.341	4.173	-2.102	0.
273	0.	SLV_Ex	Combination		-88.027	-103.06	-4.834	0.
273	0.5	SLV_Ex	Combination		-78.209	-103.06	-4.834	0.
273	1.	SLV_Ex	Combination		-68.392	-103.06	-4.834	0.
274	0.	SLU_ENV	Combination	Max	-130.981	5.143	-0.05	0.
274	0.5	SLU_ENV	Combination	Max	-121.164	5.143	-0.05	0.
274	1.	SLU_ENV	Combination	Max	-111.346	5.143	-0.05	0.
274	0.	SLU_ENV	Combination	Min	-193.297	2.81	-2.24	0.
274	0.5	SLU_ENV	Combination	Min	-180.044	2.81	-2.24	0.
274	1.	SLU_ENV	Combination	Min	-166.79	2.81	-2.24	0.
274	0.	SLV_Ex	Combination		-105.187	-109.402	-5.336	0.
274	0.5	SLV_Ex	Combination		-95.369	-109.402	-5.336	0.
274	1.	SLV_Ex	Combination		-85.552	-109.402	-5.336	0.
275	0.	SLU_ENV	Combination	Max	-153.362	0.611	0.353	0.
275	0.5	SLU_ENV	Combination	Max	-143.544	0.611	0.353	0.
275	1.	SLU_ENV	Combination	Max	-133.727	0.611	0.353	0.
275	0.	SLU_ENV	Combination	Min	-226.82	0.33	-2.166	0.
275	0.5	SLU_ENV	Combination	Min	-213.566	0.33	-2.166	0.
275	1.	SLU_ENV	Combination	Min	-200.313	0.33	-2.166	0.
275	0.	SLV_Ex	Combination		-122.385	-105.124	-5.427	0.
275	0.5	SLV_Ex	Combination		-112.568	-105.124	-5.427	0.
275	1.	SLV_Ex	Combination		-102.75	-105.124	-5.427	0.
276	0.	SLU_ENV	Combination	Max	-175.8	-3.38	0.912	0.
276	0.5	SLU_ENV	Combination	Max	-165.983	-3.38	0.912	0.
276	1.	SLU_ENV	Combination	Max	-156.165	-3.38	0.912	0.



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
276	0.	SLU_ENV	Combination	Min	-260.429	-6.172	-1.826	0.
276	0.5	SLU_ENV	Combination	Min	-247.176	-6.172	-1.826	0.
276	1.	SLU_ENV	Combination	Min	-233.922	-6.172	-1.826	0.
276	0.	SLV_Ex	Combination		-139.629	-87.621	-4.986	0.
276	0.5	SLV_Ex	Combination		-129.812	-87.621	-4.986	0.
276	1.	SLV_Ex	Combination		-119.994	-87.621	-4.986	0.
277	0.	SLU_ENV	Combination	Max	-198.306	-8.44	1.635	0.
277	0.5	SLU_ENV	Combination	Max	-188.488	-8.44	1.635	0.
277	1.	SLU_ENV	Combination	Max	-178.671	-8.44	1.635	0.
277	0.	SLU_ENV	Combination	Min	-294.138	-15.422	-1.153	0.
277	0.5	SLU_ENV	Combination	Min	-280.885	-15.422	-1.153	0.
277	1.	SLU_ENV	Combination	Min	-267.631	-15.422	-1.153	0.
277	0.	SLV_Ex	Combination		-156.926	-53.61	-3.857	0.
277	0.5	SLV_Ex	Combination		-147.108	-53.61	-3.857	0.
277	1.	SLV_Ex	Combination		-137.291	-53.61	-3.857	0.
278	0.	SLU_ENV	Combination	Max	-220.888	-14.944	2.522	0.
278	0.5	SLU_ENV	Combination	Max	-211.07	-14.944	2.522	0.
278	1.	SLU_ENV	Combination	Max	-201.253	-14.944	2.522	0.
278	0.	SLU_ENV	Combination	Min	-327.961	-27.313	-0.069	0.
278	0.5	SLU_ENV	Combination	Min	-314.708	-27.313	-0.069	0.
278	1.	SLU_ENV	Combination	Min	-301.454	-27.313	-0.069	0.
278	0.	SLV_Ex	Combination		-174.282	0.762	-1.851	0.
278	0.5	SLV_Ex	Combination		-164.464	0.762	-1.851	0.
278	1.	SLV_Ex	Combination		-154.647	0.762	-1.851	0.
279	0.	SLU_ENV	Combination	Max	-243.555	-22.933	4.076	0.
279	0.5	SLU_ENV	Combination	Max	-233.738	-22.933	4.076	0.
279	1.	SLU_ENV	Combination	Max	-223.92	-22.933	4.076	0.
279	0.	SLU_ENV	Combination	Min	-361.912	-41.921	1.003	0.
279	0.5	SLU_ENV	Combination	Min	-348.658	-41.921	1.003	0.
279	1.	SLU_ENV	Combination	Min	-335.404	-41.921	1.003	0.
279	0.	SLV_Ex	Combination		-191.704	79.694	1.245	0.
279	0.5	SLV_Ex	Combination		-181.887	79.694	1.245	0.
279	1.	SLV_Ex	Combination		-172.069	79.694	1.245	0.
280	0.	SLU_ENV	Combination	Max	-266.317	-32.353	5.982	0.
280	0.5	SLU_ENV	Combination	Max	-256.5	-32.353	5.982	0.
280	1.	SLU_ENV	Combination	Max	-246.682	-32.353	5.982	0.
280	0.	SLU_ENV	Combination	Min	-396.003	-59.144	2.438	-7.494E-17
280	0.5	SLU_ENV	Combination	Min	-382.749	-59.144	2.438	-7.494E-17
280	1.	SLU_ENV	Combination	Min	-369.496	-59.144	2.438	-7.494E-17
280	0.	SLV_Ex	Combination		-209.201	187.381	5.655	-5.551E-17
280	0.5	SLV_Ex	Combination		-199.383	187.381	5.655	-5.551E-17
280	1.	SLV_Ex	Combination		-189.566	187.381	5.655	-5.551E-17
281	0.	SLU_ENV	Combination	Max	-289.183	-42.998	8.192	1.499E-16
281	0.5	SLU_ENV	Combination	Max	-279.366	-42.998	8.192	1.499E-16
281	1.	SLU_ENV	Combination	Max	-269.548	-42.998	8.192	1.499E-16
281	0.	SLU_ENV	Combination	Min	-430.249	-78.608	4.311	0.
281	0.5	SLU_ENV	Combination	Min	-416.996	-78.608	4.311	0.
281	1.	SLU_ENV	Combination	Min	-403.742	-78.608	4.311	0.
281	0.	SLV_Ex	Combination		-226.778	327.5	11.598	-5.684E-14
281	0.5	SLV_Ex	Combination		-216.96	327.5	11.598	-5.684E-14
281	1.	SLV_Ex	Combination		-207.143	327.5	11.598	-5.684E-14
282	0.	SLU_ENV	Combination	Max	-269.548	-42.998	8.192	-4.441E-16
282	0.5	SLU_ENV	Combination	Max	-259.731	-42.998	8.192	-4.441E-16
282	1.	SLU_ENV	Combination	Max	-249.913	-42.998	8.192	-4.441E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
282	0.	SLU_ENV	Combination	Min	-403.742	-78.608	4.311	-5.995E-16
282	0.5	SLU_ENV	Combination	Min	-390.489	-78.608	4.311	-5.995E-16
282	1.	SLU_ENV	Combination	Min	-377.235	-78.608	4.311	-5.995E-16
282	0.	SLV_Ex	Combination		-207.143	262.75	11.598	-2.887E-14
282	0.5	SLV_Ex	Combination		-197.325	257.174	11.598	-2.887E-14
282	1.	SLV_Ex	Combination		-187.508	251.598	11.598	-2.887E-14
283	0.	SLU_ENV	Combination	Max	-249.913	-42.998	8.192	-2.942E-16
283	0.5	SLU_ENV	Combination	Max	-240.096	-42.998	8.192	-2.942E-16
283	1.	SLU_ENV	Combination	Max	-230.278	-42.998	8.192	-2.942E-16
283	0.	SLU_ENV	Combination	Min	-377.235	-78.608	4.311	-6.370E-16
283	0.5	SLU_ENV	Combination	Min	-363.982	-78.608	4.311	-6.370E-16
283	1.	SLU_ENV	Combination	Min	-350.728	-78.608	4.311	-6.370E-16
283	0.	SLV_Ex	Combination		-187.508	186.848	11.598	-4.718E-16
283	0.5	SLV_Ex	Combination		-177.69	181.271	11.598	-4.718E-16
283	1.	SLV_Ex	Combination		-167.873	175.695	11.598	-4.718E-16
284	0.	SLU_ENV	Combination	Max	-230.278	-42.998	8.192	0.
284	0.5	SLU_ENV	Combination	Max	-220.461	-42.998	8.192	0.
284	1.	SLU_ENV	Combination	Max	-210.643	-42.998	8.192	0.
284	0.	SLU_ENV	Combination	Min	-350.728	-78.608	4.311	-3.747E-17
284	0.5	SLU_ENV	Combination	Min	-337.474	-78.608	4.311	-3.747E-17
284	1.	SLU_ENV	Combination	Min	-324.221	-78.608	4.311	-3.747E-17
284	0.	SLV_Ex	Combination		-167.873	110.945	11.598	-2.845E-14
284	0.5	SLV_Ex	Combination		-158.055	105.369	11.598	-2.845E-14
284	1.	SLV_Ex	Combination		-148.238	99.792	11.598	-2.845E-14
285	0.	SLU_ENV	Combination	Max	-210.643	-42.998	8.192	-4.441E-16
285	0.5	SLU_ENV	Combination	Max	-200.826	-42.998	8.192	-4.441E-16
285	1.	SLU_ENV	Combination	Max	-191.008	-42.998	8.192	-4.441E-16
285	0.	SLU_ENV	Combination	Min	-324.221	-78.608	4.311	-6.370E-16
285	0.5	SLU_ENV	Combination	Min	-310.967	-78.608	4.311	-6.370E-16
285	1.	SLU_ENV	Combination	Min	-297.714	-78.608	4.311	-6.370E-16
285	0.	SLV_Ex	Combination		-148.238	35.042	11.598	-2.889E-14
285	0.5	SLV_Ex	Combination		-138.42	29.466	11.598	-2.889E-14
285	1.	SLV_Ex	Combination		-128.603	23.89	11.598	-2.889E-14
286	0.	SLU_ENV	Combination	Max	-191.006	-43.007	8.192	-8.032E-04
286	0.5	SLU_ENV	Combination	Max	-181.189	-43.007	8.192	-8.032E-04
286	1.	SLU_ENV	Combination	Max	-171.371	-43.006	8.192	-8.032E-04
286	0.	SLU_ENV	Combination	Min	-297.71	-78.623	4.311	-0.0025
286	0.5	SLU_ENV	Combination	Min	-284.456	-78.623	4.311	-0.0025
286	1.	SLU_ENV	Combination	Min	-271.202	-78.622	4.311	-0.0025
286	0.	SLV_Ex	Combination		-128.601	-40.867	11.598	-0.0015
286	0.5	SLV_Ex	Combination		-118.783	-46.443	11.598	-0.0015
286	1.	SLV_Ex	Combination		-108.965	-52.018	11.598	-0.0015
287	0.	SLU_ENV	Combination	Max	-40.627	3.839	-0.33	0.
287	0.5	SLU_ENV	Combination	Max	-30.81	3.839	-0.33	0.
287	1.	SLU_ENV	Combination	Max	-20.992	3.839	-0.33	0.
287	0.	SLU_ENV	Combination	Min	-59.494	2.16	-0.824	0.
287	0.5	SLU_ENV	Combination	Min	-46.24	2.16	-0.824	0.
287	1.	SLU_ENV	Combination	Min	-32.987	2.16	-0.824	0.
287	0.	SLV_Ex	Combination		-38.264	-35.66	-1.325	0.
287	0.5	SLV_Ex	Combination		-28.446	-35.66	-1.325	0.
287	1.	SLV_Ex	Combination		-18.629	-35.66	-1.325	0.
297	0.	SLU_ENV	Combination	Max	-61.632	6.25	-0.512	0.
297	0.5	SLU_ENV	Combination	Max	-51.814	6.25	-0.512	0.
297	1.	SLU_ENV	Combination	Max	-41.997	6.25	-0.512	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
297	0.	SLU_ENV	Combination	Min	-92.499	3.516	-1.482	0.
297	0.5	SLU_ENV	Combination	Min	-79.246	3.516	-1.482	0.
297	1.	SLU_ENV	Combination	Min	-65.992	3.516	-1.482	0.
297	0.	SLV_Ex	Combination		-56.904	-64.878	-2.509	0.
297	0.5	SLV_Ex	Combination		-47.086	-64.878	-2.509	0.
297	1.	SLV_Ex	Combination		-37.269	-64.878	-2.509	0.
298	0.	SLU_ENV	Combination	Max	-82.657	7.209	-0.543	0.
298	0.5	SLU_ENV	Combination	Max	-72.84	7.209	-0.543	0.
298	1.	SLU_ENV	Combination	Max	-63.022	7.209	-0.543	0.
298	0.	SLU_ENV	Combination	Min	-125.537	4.056	-1.969	0.
298	0.5	SLU_ENV	Combination	Min	-112.283	4.056	-1.969	0.
298	1.	SLU_ENV	Combination	Min	-99.03	4.056	-1.969	0.
298	0.	SLV_Ex	Combination		-75.563	-87.424	-3.545	0.
298	0.5	SLV_Ex	Combination		-65.746	-87.424	-3.545	0.
298	1.	SLV_Ex	Combination		-55.928	-87.424	-3.545	0.
299	0.	SLU_ENV	Combination	Max	-103.712	6.65	-0.418	0.
299	0.5	SLU_ENV	Combination	Max	-93.895	6.65	-0.418	0.
299	1.	SLU_ENV	Combination	Max	-84.077	6.65	-0.418	0.
299	0.	SLU_ENV	Combination	Min	-158.62	3.741	-2.27	0.
299	0.5	SLU_ENV	Combination	Min	-145.366	3.741	-2.27	0.
299	1.	SLU_ENV	Combination	Min	-132.113	3.741	-2.27	0.
299	0.	SLV_Ex	Combination		-94.249	-102.646	-4.406	0.
299	0.5	SLV_Ex	Combination		-84.432	-102.646	-4.406	0.
299	1.	SLV_Ex	Combination		-74.614	-102.646	-4.406	0.
300	0.	SLU_ENV	Combination	Max	-124.805	4.461	-0.128	0.
300	0.5	SLU_ENV	Combination	Max	-114.988	4.461	-0.128	0.
300	1.	SLU_ENV	Combination	Max	-105.17	4.461	-0.128	0.
300	0.	SLU_ENV	Combination	Min	-191.762	2.509	-2.356	0.
300	0.5	SLU_ENV	Combination	Min	-178.508	2.509	-2.356	0.
300	1.	SLU_ENV	Combination	Min	-165.255	2.509	-2.356	0.
300	0.	SLV_Ex	Combination		-112.969	-109.326	-5.046	0.
300	0.5	SLV_Ex	Combination		-103.152	-109.326	-5.046	0.
300	1.	SLV_Ex	Combination		-93.334	-109.326	-5.046	0.
301	0.	SLU_ENV	Combination	Max	-145.945	0.487	0.339	0.
301	0.5	SLU_ENV	Combination	Max	-136.127	0.487	0.339	0.
301	1.	SLU_ENV	Combination	Max	-126.31	0.487	0.339	0.
301	0.	SLU_ENV	Combination	Min	-224.976	0.273	-2.187	0.
301	0.5	SLU_ENV	Combination	Min	-211.722	0.273	-2.187	0.
301	1.	SLU_ENV	Combination	Min	-198.469	0.273	-2.187	0.
301	0.	SLV_Ex	Combination		-131.731	-105.583	-5.388	0.
301	0.5	SLV_Ex	Combination		-121.914	-105.583	-5.388	0.
301	1.	SLV_Ex	Combination		-112.096	-105.583	-5.388	0.
302	0.	SLU_ENV	Combination	Max	-167.139	-3.072	0.995	0.
302	0.5	SLU_ENV	Combination	Max	-157.322	-3.072	0.995	0.
302	1.	SLU_ENV	Combination	Max	-147.504	-3.072	0.995	0.
302	0.	SLU_ENV	Combination	Min	-258.276	-5.456	-1.703	0.
302	0.5	SLU_ENV	Combination	Min	-245.022	-5.456	-1.703	0.
302	1.	SLU_ENV	Combination	Min	-231.769	-5.456	-1.703	0.
302	0.	SLV_Ex	Combination		-150.542	-88.825	-5.323	0.
302	0.5	SLV_Ex	Combination		-140.725	-88.825	-5.323	0.
302	1.	SLV_Ex	Combination		-130.907	-88.825	-5.323	0.
303	0.	SLU_ENV	Combination	Max	-188.398	-7.629	1.85	0.
303	0.5	SLU_ENV	Combination	Max	-178.58	-7.629	1.85	0.
303	1.	SLU_ENV	Combination	Max	-168.763	-7.629	1.85	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
303	0.	SLU_ENV	Combination	Min	-291.675	-13.555	-0.834	0.
303	0.5	SLU_ENV	Combination	Min	-278.421	-13.555	-0.834	0.
303	1.	SLU_ENV	Combination	Min	-265.168	-13.555	-0.834	0.
303	0.	SLV_Ex	Combination		-169.411	-55.777	-4.708	0.
303	0.5	SLV_Ex	Combination		-159.593	-55.777	-4.708	0.
303	1.	SLV_Ex	Combination		-149.776	-55.777	-4.708	0.
304	0.	SLU_ENV	Combination	Max	-209.728	-13.485	3.099	0.
304	0.5	SLU_ENV	Combination	Max	-199.911	-13.485	3.099	0.
304	1.	SLU_ENV	Combination	Max	-190.093	-13.485	3.099	0.
304	0.	SLU_ENV	Combination	Min	-325.187	-23.963	0.314	0.
304	0.5	SLU_ENV	Combination	Min	-311.933	-23.963	0.314	0.
304	1.	SLU_ENV	Combination	Min	-298.679	-23.963	0.314	0.
304	0.	SLV_Ex	Combination		-188.343	-2.589	-3.362	0.
304	0.5	SLV_Ex	Combination		-178.526	-2.589	-3.362	0.
304	1.	SLV_Ex	Combination		-168.708	-2.589	-3.362	0.
305	0.	SLU_ENV	Combination	Max	-231.14	-20.675	5.005	0.
305	0.5	SLU_ENV	Combination	Max	-221.322	-20.675	5.005	0.
305	1.	SLU_ENV	Combination	Max	-211.505	-20.675	5.005	0.
305	0.	SLU_ENV	Combination	Min	-358.825	-36.743	1.558	0.
305	0.5	SLU_ENV	Combination	Min	-345.571	-36.743	1.558	0.
305	1.	SLU_ENV	Combination	Min	-332.318	-36.743	1.558	0.
305	0.	SLV_Ex	Combination		-207.348	74.95	-1.079	0.
305	0.5	SLV_Ex	Combination		-197.531	74.95	-1.079	0.
305	1.	SLV_Ex	Combination		-187.714	74.95	-1.079	0.
306	0.	SLU_ENV	Combination	Max	-252.641	-29.149	7.298	0.
306	0.5	SLU_ENV	Combination	Max	-242.824	-29.149	7.298	0.
306	1.	SLU_ENV	Combination	Max	-233.006	-29.149	7.298	0.
306	0.	SLU_ENV	Combination	Min	-392.603	-51.804	3.224	0.
306	0.5	SLU_ENV	Combination	Min	-379.349	-51.804	3.224	0.
306	1.	SLU_ENV	Combination	Min	-366.096	-51.804	3.224	0.
306	0.	SLV_Ex	Combination		-226.434	181.068	2.373	0.
306	0.5	SLV_Ex	Combination		-216.616	181.068	2.373	0.
306	1.	SLV_Ex	Combination		-206.799	181.068	2.373	0.
307	0.	SLU_ENV	Combination	Max	-274.241	-38.72	9.948	0.
307	0.5	SLU_ENV	Combination	Max	-264.423	-38.72	9.948	0.
307	1.	SLU_ENV	Combination	Max	-254.606	-38.72	9.948	0.
307	0.	SLU_ENV	Combination	Min	-426.534	-68.817	5.359	0.
307	0.5	SLU_ENV	Combination	Min	-413.281	-68.817	5.359	0.
307	1.	SLU_ENV	Combination	Min	-400.027	-68.817	5.359	0.
307	0.	SLV_Ex	Combination		-245.606	319.51	7.232	0.
307	0.5	SLV_Ex	Combination		-235.789	319.51	7.232	0.
307	1.	SLV_Ex	Combination		-225.971	319.51	7.232	0.
308	0.	SLU_ENV	Combination	Max	-254.606	-38.72	9.948	0.
308	0.5	SLU_ENV	Combination	Max	-244.788	-38.72	9.948	0.
308	1.	SLU_ENV	Combination	Max	-234.971	-38.72	9.948	0.
308	0.	SLU_ENV	Combination	Min	-400.027	-68.817	5.359	0.
308	0.5	SLU_ENV	Combination	Min	-386.774	-68.817	5.359	0.
308	1.	SLU_ENV	Combination	Min	-373.52	-68.817	5.359	0.
308	0.	SLV_Ex	Combination		-225.971	254.76	7.232	0.
308	0.5	SLV_Ex	Combination		-216.154	249.183	7.232	0.
308	1.	SLV_Ex	Combination		-206.336	243.607	7.232	0.
309	0.	SLU_ENV	Combination	Max	-234.971	-38.72	9.948	0.
309	0.5	SLU_ENV	Combination	Max	-225.153	-38.72	9.948	0.
309	1.	SLU_ENV	Combination	Max	-215.336	-38.72	9.948	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
309	0.	SLU_ENV	Combination	Min	-373.52	-68.817	5.359	0.
309	0.5	SLU_ENV	Combination	Min	-360.266	-68.817	5.359	0.
309	1.	SLU_ENV	Combination	Min	-347.013	-68.817	5.359	0.
309	0.	SLV_Ex	Combination		-206.336	178.857	7.232	0.
309	0.5	SLV_Ex	Combination		-196.519	173.281	7.232	0.
309	1.	SLV_Ex	Combination		-186.701	167.704	7.232	0.
310	0.	SLU_ENV	Combination	Max	-215.336	-38.72	9.948	4.122E-14
310	0.5	SLU_ENV	Combination	Max	-205.518	-38.72	9.948	4.122E-14
310	1.	SLU_ENV	Combination	Max	-195.701	-38.72	9.948	4.122E-14
310	0.	SLU_ENV	Combination	Min	-347.013	-68.817	5.359	2.709E-14
310	0.5	SLU_ENV	Combination	Min	-333.759	-68.817	5.359	2.709E-14
310	1.	SLU_ENV	Combination	Min	-320.506	-68.817	5.359	2.709E-14
310	0.	SLV_Ex	Combination		-186.701	102.954	7.232	-3.182E-12
310	0.5	SLV_Ex	Combination		-176.884	97.378	7.232	-3.182E-12
310	1.	SLV_Ex	Combination		-167.067	91.802	7.232	-3.182E-12
311	0.	SLU_ENV	Combination	Max	-195.701	-38.72	9.948	4.249E-14
311	0.5	SLU_ENV	Combination	Max	-185.883	-38.72	9.948	4.249E-14
311	1.	SLU_ENV	Combination	Max	-176.066	-38.72	9.948	4.249E-14
311	0.	SLU_ENV	Combination	Min	-320.506	-68.817	5.359	2.798E-14
311	0.5	SLU_ENV	Combination	Min	-307.252	-68.817	5.359	2.798E-14
311	1.	SLU_ENV	Combination	Min	-293.998	-68.817	5.359	2.798E-14
311	0.	SLV_Ex	Combination		-167.067	27.052	7.232	-3.210E-12
311	0.5	SLV_Ex	Combination		-157.249	21.475	7.232	-3.210E-12
311	1.	SLV_Ex	Combination		-147.432	15.899	7.232	-3.210E-12
312	0.	SLU_ENV	Combination	Max	-176.064	-38.73	9.948	-0.0011
312	0.5	SLU_ENV	Combination	Max	-166.246	-38.729	9.948	-0.0011
312	1.	SLU_ENV	Combination	Max	-156.429	-38.729	9.948	-0.0011
312	0.	SLU_ENV	Combination	Min	-293.995	-68.831	5.359	-0.0031
312	0.5	SLU_ENV	Combination	Min	-280.742	-68.83	5.359	-0.0031
312	1.	SLU_ENV	Combination	Min	-267.488	-68.829	5.359	-0.0031
312	0.	SLV_Ex	Combination		-147.429	-48.858	7.232	-9.178E-05
312	0.5	SLV_Ex	Combination		-137.611	-54.434	7.232	-9.178E-05
312	1.	SLV_Ex	Combination		-127.794	-60.01	7.232	-9.178E-05
313	0.	SLU_ENV	Combination	Max	-36.679	-1.657	0.034	0.
313	0.5	SLU_ENV	Combination	Max	-26.861	-1.657	0.034	0.
313	1.	SLU_ENV	Combination	Max	-17.044	-1.657	0.034	0.
313	0.	SLU_ENV	Combination	Min	-62.992	-4.279	-0.24	0.
313	0.5	SLU_ENV	Combination	Min	-49.739	-4.279	-0.24	0.
313	1.	SLU_ENV	Combination	Min	-36.485	-4.279	-0.24	0.
313	0.	SLV_Ex	Combination		-44.185	-32.229	1.301	0.
313	0.5	SLV_Ex	Combination		-34.367	-32.229	1.301	0.
313	1.	SLV_Ex	Combination		-24.55	-32.229	1.301	0.
314	0.	SLU_ENV	Combination	Max	-53.733	-2.706	0.091	0.
314	0.5	SLU_ENV	Combination	Max	-43.916	-2.706	0.091	0.
314	1.	SLU_ENV	Combination	Max	-34.098	-2.706	0.091	0.
314	0.	SLU_ENV	Combination	Min	-99.497	-6.985	-0.521	0.
314	0.5	SLU_ENV	Combination	Min	-86.244	-6.985	-0.521	0.
314	1.	SLU_ENV	Combination	Min	-72.99	-6.985	-0.521	0.
314	0.	SLV_Ex	Combination		-68.748	-59.186	2.274	0.
314	0.5	SLV_Ex	Combination		-58.931	-59.186	2.274	0.
314	1.	SLV_Ex	Combination		-49.113	-59.186	2.274	0.
315	0.	SLU_ENV	Combination	Max	-70.805	-3.136	0.17	0.
315	0.5	SLU_ENV	Combination	Max	-60.988	-3.136	0.17	0.
315	1.	SLU_ENV	Combination	Max	-51.17	-3.136	0.17	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
315	0.	SLU_ENV	Combination	Min	-136.037	-8.091	-0.842	0.
315	0.5	SLU_ENV	Combination	Min	-122.784	-8.091	-0.842	0.
315	1.	SLU_ENV	Combination	Min	-109.53	-8.091	-0.842	0.
315	0.	SLV_Ex	Combination		-93.336	-80.661	2.91	0.
315	0.5	SLV_Ex	Combination		-83.518	-80.661	2.91	0.
315	1.	SLV_Ex	Combination		-73.701	-80.661	2.91	0.
316	0.	SLU_ENV	Combination	Max	-87.902	-2.921	0.271	0.
316	0.5	SLU_ENV	Combination	Max	-78.085	-2.921	0.271	0.
316	1.	SLU_ENV	Combination	Max	-68.267	-2.921	0.271	0.
316	0.	SLU_ENV	Combination	Min	-172.627	-7.524	-1.198	0.
316	0.5	SLU_ENV	Combination	Min	-159.374	-7.524	-1.198	0.
316	1.	SLU_ENV	Combination	Min	-146.12	-7.524	-1.198	0.
316	0.	SLV_Ex	Combination		-117.957	-96.062	3.186	0.
316	0.5	SLV_Ex	Combination		-108.139	-96.062	3.186	0.
316	1.	SLV_Ex	Combination		-98.322	-96.062	3.186	0.
317	0.	SLU_ENV	Combination	Max	-105.031	-2.01	0.392	0.
317	0.5	SLU_ENV	Combination	Max	-95.214	-2.01	0.392	0.
317	1.	SLU_ENV	Combination	Max	-85.396	-2.01	0.392	0.
317	0.	SLU_ENV	Combination	Min	-209.281	-5.159	-1.578	0.
317	0.5	SLU_ENV	Combination	Min	-196.028	-5.159	-1.578	0.
317	1.	SLU_ENV	Combination	Min	-182.774	-5.159	-1.578	0.
317	0.	SLV_Ex	Combination		-142.622	-104.275	3.06	0.
317	0.5	SLV_Ex	Combination		-132.804	-104.275	3.06	0.
317	1.	SLV_Ex	Combination		-122.987	-104.275	3.06	0.
318	0.	SLU_ENV	Combination	Max	-122.198	-0.337	0.529	0.
318	0.5	SLU_ENV	Combination	Max	-112.381	-0.337	0.529	0.
318	1.	SLU_ENV	Combination	Max	-102.563	-0.337	0.529	0.
318	0.	SLU_ENV	Combination	Min	-246.015	-0.821	-1.965	0.
318	0.5	SLU_ENV	Combination	Min	-232.761	-0.821	-1.965	0.
318	1.	SLU_ENV	Combination	Min	-219.508	-0.821	-1.965	0.
318	0.	SLV_Ex	Combination		-167.341	-103.563	2.47	0.
318	0.5	SLV_Ex	Combination		-157.523	-103.563	2.47	0.
318	1.	SLV_Ex	Combination		-147.706	-103.563	2.47	0.
319	0.	SLU_ENV	Combination	Max	-139.411	5.696	0.676	0.
319	0.5	SLU_ENV	Combination	Max	-129.593	5.696	0.676	0.
319	1.	SLU_ENV	Combination	Max	-119.776	5.696	0.676	0.
319	0.	SLU_ENV	Combination	Min	-282.843	2.18	-2.329	0.
319	0.5	SLU_ENV	Combination	Min	-269.589	2.18	-2.329	0.
319	1.	SLU_ENV	Combination	Min	-256.336	2.18	-2.329	0.
319	0.	SLV_Ex	Combination		-192.123	-91.513	1.332	0.
319	0.5	SLV_Ex	Combination		-182.306	-91.513	1.332	0.
319	1.	SLV_Ex	Combination		-172.488	-91.513	1.332	0.
320	0.	SLU_ENV	Combination	Max	-156.676	14.607	0.823	0.
320	0.5	SLU_ENV	Combination	Max	-146.859	14.607	0.823	0.
320	1.	SLU_ENV	Combination	Max	-137.041	14.607	0.823	0.
320	0.	SLU_ENV	Combination	Min	-319.78	5.622	-2.63	0.
320	0.5	SLU_ENV	Combination	Min	-306.526	5.622	-2.63	0.
320	1.	SLU_ENV	Combination	Min	-293.273	5.622	-2.63	0.
320	0.	SLV_Ex	Combination		-216.98	-65.042	-0.451	0.
320	0.5	SLV_Ex	Combination		-207.162	-65.042	-0.451	0.
320	1.	SLV_Ex	Combination		-197.345	-65.042	-0.451	0.
321	0.	SLU_ENV	Combination	Max	-174.001	26.087	0.957	0.
321	0.5	SLU_ENV	Combination	Max	-164.183	26.087	0.957	0.
321	1.	SLU_ENV	Combination	Max	-154.366	26.087	0.957	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
321	0.	SLU_ENV	Combination	Min	-356.841	10.058	-2.811	0.
321	0.5	SLU_ENV	Combination	Min	-343.588	10.058	-2.811	0.
321	1.	SLU_ENV	Combination	Min	-330.334	10.058	-2.811	0.
321	0.	SLV_Ex	Combination		-241.92	-20.473	-2.987	0.
321	0.5	SLV_Ex	Combination		-232.102	-20.473	-2.987	0.
321	1.	SLV_Ex	Combination		-222.285	-20.473	-2.987	0.
322	0.	SLU_ENV	Combination	Max	-191.392	40.217	1.058	0.
322	0.5	SLU_ENV	Combination	Max	-181.574	40.217	1.058	0.
322	1.	SLU_ENV	Combination	Max	-171.757	40.217	1.058	0.
322	0.	SLU_ENV	Combination	Min	-394.041	15.522	-2.8	0.
322	0.5	SLU_ENV	Combination	Min	-380.788	15.522	-2.8	0.
322	1.	SLU_ENV	Combination	Min	-367.534	15.522	-2.8	0.
322	0.	SLV_Ex	Combination		-266.954	46.291	-6.38	0.
322	0.5	SLV_Ex	Combination		-257.137	46.291	-6.38	0.
322	1.	SLV_Ex	Combination		-247.319	46.291	-6.38	0.
323	0.	SLU_ENV	Combination	Max	-208.856	56.91	1.1	0.
323	0.5	SLU_ENV	Combination	Max	-199.039	56.91	1.1	0.
323	1.	SLU_ENV	Combination	Max	-189.221	56.91	1.1	0.
323	0.	SLU_ENV	Combination	Min	-431.396	21.978	-2.505	0.
323	0.5	SLU_ENV	Combination	Min	-418.142	21.978	-2.505	0.
323	1.	SLU_ENV	Combination	Min	-404.889	21.978	-2.505	0.
323	0.	SLV_Ex	Combination		-292.092	139.48	-10.714	0.
323	0.5	SLV_Ex	Combination		-282.275	139.48	-10.714	0.
323	1.	SLV_Ex	Combination		-272.457	139.48	-10.714	0.
324	0.	SLU_ENV	Combination	Max	-226.401	75.817	1.051	0.
324	0.5	SLU_ENV	Combination	Max	-216.584	75.817	1.051	0.
324	1.	SLU_ENV	Combination	Max	-206.766	75.817	1.051	0.
324	0.	SLU_ENV	Combination	Min	-468.92	29.295	-1.816	0.
324	0.5	SLU_ENV	Combination	Min	-455.666	29.295	-1.816	0.
324	1.	SLU_ENV	Combination	Min	-442.412	29.295	-1.816	0.
324	0.	SLV_Ex	Combination		-317.345	263.025	-16.034	0.
324	0.5	SLV_Ex	Combination		-307.528	263.025	-16.034	0.
324	1.	SLV_Ex	Combination		-297.71	263.025	-16.034	0.
325	0.	SLU_ENV	Combination	Max	-206.766	75.817	1.051	0.
325	0.5	SLU_ENV	Combination	Max	-196.949	75.817	1.051	0.
325	1.	SLU_ENV	Combination	Max	-187.132	75.817	1.051	0.
325	0.	SLU_ENV	Combination	Min	-442.412	29.295	-1.816	0.
325	0.5	SLU_ENV	Combination	Min	-429.159	29.295	-1.816	0.
325	1.	SLU_ENV	Combination	Min	-415.905	29.295	-1.816	0.
325	0.	SLV_Ex	Combination		-297.71	263.025	-16.034	0.
325	0.5	SLV_Ex	Combination		-287.893	257.449	-16.034	0.
325	1.	SLV_Ex	Combination		-278.075	251.873	-16.034	0.
326	0.	SLU_ENV	Combination	Max	-187.132	75.817	1.051	0.
326	0.5	SLU_ENV	Combination	Max	-177.314	75.817	1.051	0.
326	1.	SLU_ENV	Combination	Max	-167.497	75.817	1.051	0.
326	0.	SLU_ENV	Combination	Min	-415.905	29.295	-1.816	0.
326	0.5	SLU_ENV	Combination	Min	-402.652	29.295	-1.816	0.
326	1.	SLU_ENV	Combination	Min	-389.398	29.295	-1.816	0.
326	0.	SLV_Ex	Combination		-278.075	251.873	-16.034	0.
326	0.5	SLV_Ex	Combination		-268.258	246.296	-16.034	0.
326	1.	SLV_Ex	Combination		-258.44	240.72	-16.034	0.
327	0.	SLU_ENV	Combination	Max	-167.497	75.817	1.051	1.499E-16
327	0.5	SLU_ENV	Combination	Max	-157.679	75.817	1.051	1.499E-16
327	1.	SLU_ENV	Combination	Max	-147.862	75.817	1.051	1.499E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
327	0.	SLU_ENV	Combination	Min	-389.398	29.295	-1.816	0.
327	0.5	SLU_ENV	Combination	Min	-376.144	29.295	-1.816	0.
327	1.	SLU_ENV	Combination	Min	-362.891	29.295	-1.816	0.
327	0.	SLV_Ex	Combination		-258.44	240.72	-16.034	1.110E-16
327	0.5	SLV_Ex	Combination		-248.623	235.144	-16.034	1.110E-16
327	1.	SLV_Ex	Combination		-238.805	229.567	-16.034	1.110E-16
328	0.	SLU_ENV	Combination	Max	-147.862	75.817	1.051	4.796E-15
328	0.5	SLU_ENV	Combination	Max	-138.044	75.817	1.051	4.796E-15
328	1.	SLU_ENV	Combination	Max	-128.227	75.817	1.051	4.796E-15
328	0.	SLU_ENV	Combination	Min	-362.891	29.295	-1.816	8.882E-16
328	0.5	SLU_ENV	Combination	Min	-349.637	29.295	-1.816	8.882E-16
328	1.	SLU_ENV	Combination	Min	-336.384	29.295	-1.816	8.882E-16
328	0.	SLV_Ex	Combination		-238.805	229.567	-16.034	5.773E-14
328	0.5	SLV_Ex	Combination		-228.988	223.991	-16.034	5.773E-14
328	1.	SLV_Ex	Combination		-219.17	218.415	-16.034	5.773E-14
329	0.	SLU_ENV	Combination	Max	-128.228	75.8	1.051	0.0014
329	0.5	SLU_ENV	Combination	Max	-118.411	75.801	1.051	0.0014
329	1.	SLU_ENV	Combination	Max	-108.593	75.802	1.051	0.0014
329	0.	SLU_ENV	Combination	Min	-336.387	29.288	-1.816	-5.655E-04
329	0.5	SLU_ENV	Combination	Min	-323.134	29.289	-1.816	-5.655E-04
329	1.	SLU_ENV	Combination	Min	-309.88	29.289	-1.816	-5.655E-04
329	0.	SLV_Ex	Combination		-219.181	218.404	-16.034	0.0042
329	0.5	SLV_Ex	Combination		-209.363	212.828	-16.034	0.0042
329	1.	SLV_Ex	Combination		-199.546	207.252	-16.034	0.0042
330	0.	SLU_ENV	Combination	Max	-37.825	-2.001	0.173	0.
330	0.5	SLU_ENV	Combination	Max	-28.007	-2.001	0.173	0.
330	1.	SLU_ENV	Combination	Max	-18.19	-2.001	0.173	0.
330	0.	SLU_ENV	Combination	Min	-63.486	-5.029	-0.18	0.
330	0.5	SLU_ENV	Combination	Min	-50.232	-5.029	-0.18	0.
330	1.	SLU_ENV	Combination	Min	-36.978	-5.029	-0.18	0.
330	0.	SLV_Ex	Combination		-46.076	-34.013	1.644	0.
330	0.5	SLV_Ex	Combination		-36.258	-34.013	1.644	0.
330	1.	SLV_Ex	Combination		-26.441	-34.013	1.644	0.
331	0.	SLU_ENV	Combination	Max	-56.026	-3.269	0.317	0.
331	0.5	SLU_ENV	Combination	Max	-46.209	-3.269	0.317	0.
331	1.	SLU_ENV	Combination	Max	-36.391	-3.269	0.317	0.
331	0.	SLU_ENV	Combination	Min	-100.484	-8.211	-0.423	0.
331	0.5	SLU_ENV	Combination	Min	-87.231	-8.211	-0.423	0.
331	1.	SLU_ENV	Combination	Min	-73.977	-8.211	-0.423	0.
331	0.	SLV_Ex	Combination		-72.531	-62.135	2.833	0.
331	0.5	SLV_Ex	Combination		-62.713	-62.135	2.833	0.
331	1.	SLV_Ex	Combination		-52.896	-62.135	2.833	0.
332	0.	SLU_ENV	Combination	Max	-74.246	-3.79	0.431	0.
332	0.5	SLU_ENV	Combination	Max	-64.428	-3.79	0.431	0.
332	1.	SLU_ENV	Combination	Max	-54.611	-3.79	0.431	0.
332	0.	SLU_ENV	Combination	Min	-137.518	-9.515	-0.73	0.
332	0.5	SLU_ENV	Combination	Min	-124.265	-9.515	-0.73	0.
332	1.	SLU_ENV	Combination	Min	-111.011	-9.515	-0.73	0.
332	0.	SLV_Ex	Combination		-99.011	-84.144	3.555	0.
332	0.5	SLV_Ex	Combination		-89.194	-84.144	3.555	0.
332	1.	SLV_Ex	Combination		-79.376	-84.144	3.555	0.
333	0.	SLU_ENV	Combination	Max	-92.492	-3.531	0.511	0.
333	0.5	SLU_ENV	Combination	Max	-82.674	-3.531	0.511	0.
333	1.	SLU_ENV	Combination	Max	-72.857	-3.531	0.511	0.



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
333	0.	SLU_ENV	Combination	Min	-174.602	-8.855	-1.095	0.
333	0.5	SLU_ENV	Combination	Min	-161.349	-8.855	-1.095	0.
333	1.	SLU_ENV	Combination	Min	-148.095	-8.855	-1.095	0.
333	0.	SLV_Ex	Combination		-125.528	-99.419	3.782	0.
333	0.5	SLV_Ex	Combination		-115.711	-99.419	3.782	0.
333	1.	SLV_Ex	Combination		-105.893	-99.419	3.782	0.
334	0.	SLU_ENV	Combination	Max	-110.771	-2.433	0.552	0.
334	0.5	SLU_ENV	Combination	Max	-100.954	-2.433	0.552	0.
334	1.	SLU_ENV	Combination	Max	-91.136	-2.433	0.552	0.
334	0.	SLU_ENV	Combination	Min	-211.752	-6.083	-1.51	0.
334	0.5	SLU_ENV	Combination	Min	-198.498	-6.083	-1.51	0.
334	1.	SLU_ENV	Combination	Min	-185.245	-6.083	-1.51	0.
334	0.	SLV_Ex	Combination		-152.092	-106.791	3.461	0.
334	0.5	SLV_Ex	Combination		-142.274	-106.791	3.461	0.
334	1.	SLV_Ex	Combination		-132.457	-106.791	3.461	0.
335	0.	SLU_ENV	Combination	Max	-129.092	-0.414	0.545	0.
335	0.5	SLU_ENV	Combination	Max	-119.274	-0.414	0.545	0.
335	1.	SLU_ENV	Combination	Max	-109.457	-0.414	0.545	0.
335	0.	SLU_ENV	Combination	Min	-248.982	-0.995	-1.959	0.
335	0.5	SLU_ENV	Combination	Min	-235.728	-0.995	-1.959	0.
335	1.	SLU_ENV	Combination	Min	-222.475	-0.995	-1.959	0.
335	0.	SLV_Ex	Combination		-178.713	-104.449	2.516	0.
335	0.5	SLV_Ex	Combination		-168.895	-104.449	2.516	0.
335	1.	SLV_Ex	Combination		-159.078	-104.449	2.516	0.
336	0.	SLU_ENV	Combination	Max	-147.46	6.654	0.477	0.
336	0.5	SLU_ENV	Combination	Max	-137.643	6.654	0.477	0.
336	1.	SLU_ENV	Combination	Max	-127.825	6.654	0.477	0.
336	0.	SLU_ENV	Combination	Min	-286.307	2.623	-2.417	0.
336	0.5	SLU_ENV	Combination	Min	-273.054	2.623	-2.417	0.
336	1.	SLU_ENV	Combination	Min	-259.8	2.623	-2.417	0.
336	0.	SLV_Ex	Combination		-205.402	-89.888	0.849	0.
336	0.5	SLV_Ex	Combination		-195.585	-89.888	0.849	0.
336	1.	SLV_Ex	Combination		-185.768	-89.888	0.849	0.
337	0.	SLU_ENV	Combination	Max	-165.885	17.114	0.33	0.
337	0.5	SLU_ENV	Combination	Max	-156.067	17.114	0.33	0.
337	1.	SLU_ENV	Combination	Max	-146.25	17.114	0.33	0.
337	0.	SLU_ENV	Combination	Min	-323.743	6.778	-2.846	0.
337	0.5	SLU_ENV	Combination	Min	-310.49	6.778	-2.846	0.
337	1.	SLU_ENV	Combination	Min	-297.236	6.778	-2.846	0.
337	0.	SLV_Ex	Combination		-232.171	-59.928	-1.658	0.
337	0.5	SLV_Ex	Combination		-222.354	-59.928	-1.658	0.
337	1.	SLV_Ex	Combination		-212.536	-59.928	-1.658	0.
338	0.	SLU_ENV	Combination	Max	-184.372	30.593	0.087	0.
338	0.5	SLU_ENV	Combination	Max	-174.555	30.593	0.087	0.
338	1.	SLU_ENV	Combination	Max	-164.737	30.593	0.087	0.
338	0.	SLU_ENV	Combination	Min	-361.305	12.134	-3.192	0.
338	0.5	SLU_ENV	Combination	Min	-348.052	12.134	-3.192	0.
338	1.	SLU_ENV	Combination	Min	-334.798	12.134	-3.192	0.
338	0.	SLV_Ex	Combination		-259.03	-10.807	-5.123	0.
338	0.5	SLV_Ex	Combination		-249.213	-10.807	-5.123	0.
338	1.	SLV_Ex	Combination		-239.395	-10.807	-5.123	0.
339	0.	SLU_ENV	Combination	Max	-202.93	47.187	-0.275	0.
339	0.5	SLU_ENV	Combination	Max	-193.113	47.187	-0.275	0.
339	1.	SLU_ENV	Combination	Max	-183.296	47.187	-0.275	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
339	0.	SLU_ENV	Combination	Min	-399.008	18.731	-3.382	0.
339	0.5	SLU_ENV	Combination	Min	-385.754	18.731	-3.382	0.
339	1.	SLU_ENV	Combination	Min	-372.501	18.731	-3.382	0.
339	0.	SLV_Ex	Combination		-285.99	61.627	-9.657	0.
339	0.5	SLV_Ex	Combination		-276.172	61.627	-9.657	0.
339	1.	SLV_Ex	Combination		-266.355	61.627	-9.657	0.
340	0.	SLU_ENV	Combination	Max	-221.567	66.795	-0.779	0.
340	0.5	SLU_ENV	Combination	Max	-211.749	66.795	-0.779	0.
340	1.	SLU_ENV	Combination	Max	-201.932	66.795	-0.779	0.
340	0.	SLU_ENV	Combination	Min	-436.867	26.529	-3.324	-5.995E-16
340	0.5	SLU_ENV	Combination	Min	-423.613	26.529	-3.324	-5.995E-16
340	1.	SLU_ENV	Combination	Min	-410.359	26.529	-3.324	-5.995E-16
340	0.	SLV_Ex	Combination		-313.061	161.595	-15.337	-2.842E-14
340	0.5	SLV_Ex	Combination		-303.244	161.595	-15.337	-2.842E-14
340	1.	SLV_Ex	Combination		-293.426	161.595	-15.337	-2.842E-14
341	0.	SLU_ENV	Combination	Max	-240.289	89.01	-1.444	-4.441E-16
341	0.5	SLU_ENV	Combination	Max	-230.472	89.01	-1.444	-4.441E-16
341	1.	SLU_ENV	Combination	Max	-220.654	89.01	-1.444	-4.441E-16
341	0.	SLU_ENV	Combination	Min	-474.897	35.366	-2.902	-6.370E-16
341	0.5	SLU_ENV	Combination	Min	-461.643	35.366	-2.902	-6.370E-16
341	1.	SLU_ENV	Combination	Min	-448.39	35.366	-2.902	-6.370E-16
341	0.	SLV_Ex	Combination		-340.256	292.917	-22.178	-4.718E-16
341	0.5	SLV_Ex	Combination		-330.438	292.917	-22.178	-4.718E-16
341	1.	SLV_Ex	Combination		-320.621	292.917	-22.178	-4.718E-16
342	0.	SLU_ENV	Combination	Max	-220.654	89.01	-1.444	0.
342	0.5	SLU_ENV	Combination	Max	-210.837	89.01	-1.444	0.
342	1.	SLU_ENV	Combination	Max	-201.019	89.01	-1.444	0.
342	0.	SLU_ENV	Combination	Min	-448.39	35.366	-2.902	-6.183E-16
342	0.5	SLU_ENV	Combination	Min	-435.136	35.366	-2.902	-6.183E-16
342	1.	SLU_ENV	Combination	Min	-421.882	35.366	-2.902	-6.183E-16
342	0.	SLV_Ex	Combination		-320.621	292.917	-22.178	-1.388E-17
342	0.5	SLV_Ex	Combination		-310.803	287.341	-22.178	-1.388E-17
342	1.	SLV_Ex	Combination		-300.986	281.765	-22.178	-1.388E-17
343	0.	SLU_ENV	Combination	Max	-201.019	89.01	-1.444	-4.441E-16
343	0.5	SLU_ENV	Combination	Max	-191.202	89.01	-1.444	-4.441E-16
343	1.	SLU_ENV	Combination	Max	-181.384	89.01	-1.444	-4.441E-16
343	0.	SLU_ENV	Combination	Min	-421.882	35.366	-2.902	-5.995E-16
343	0.5	SLU_ENV	Combination	Min	-408.629	35.366	-2.902	-5.995E-16
343	1.	SLU_ENV	Combination	Min	-395.375	35.366	-2.902	-5.995E-16
343	0.	SLV_Ex	Combination		-300.986	281.765	-22.178	-5.729E-14
343	0.5	SLV_Ex	Combination		-291.168	276.188	-22.178	-5.729E-14
343	1.	SLV_Ex	Combination		-281.351	270.612	-22.178	-5.729E-14
344	0.	SLU_ENV	Combination	Max	-181.384	89.01	-1.444	-4.441E-16
344	0.5	SLU_ENV	Combination	Max	-171.567	89.01	-1.444	-4.441E-16
344	1.	SLU_ENV	Combination	Max	-161.749	89.01	-1.444	-4.441E-16
344	0.	SLU_ENV	Combination	Min	-395.375	35.366	-2.902	-1.817E-15
344	0.5	SLU_ENV	Combination	Min	-382.122	35.366	-2.902	-1.817E-15
344	1.	SLU_ENV	Combination	Min	-368.868	35.366	-2.902	-1.817E-15
344	0.	SLV_Ex	Combination		-281.351	270.612	-22.178	-2.888E-14
344	0.5	SLV_Ex	Combination		-271.533	265.036	-22.178	-2.888E-14
344	1.	SLV_Ex	Combination		-261.716	259.459	-22.178	-2.888E-14
345	0.	SLU_ENV	Combination	Max	-161.749	89.01	-1.444	-4.441E-16
345	0.5	SLU_ENV	Combination	Max	-151.932	89.01	-1.444	-4.441E-16
345	1.	SLU_ENV	Combination	Max	-142.114	89.01	-1.444	-4.441E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
345	0.	SLU_ENV	Combination	Min	-368.868	35.366	-2.902	-6.183E-16
345	0.5	SLU_ENV	Combination	Min	-355.615	35.366	-2.902	-6.183E-16
345	1.	SLU_ENV	Combination	Min	-342.361	35.366	-2.902	-6.183E-16
345	0.	SLV_Ex	Combination		-261.716	259.459	-22.178	-4.580E-16
345	0.5	SLV_Ex	Combination		-251.898	253.883	-22.178	-4.580E-16
345	1.	SLV_Ex	Combination		-242.081	248.307	-22.178	-4.580E-16
346	0.	SLU_ENV	Combination	Max	-142.116	88.993	-1.444	0.0018
346	0.5	SLU_ENV	Combination	Max	-132.299	88.994	-1.444	0.0018
346	1.	SLU_ENV	Combination	Max	-122.481	88.995	-1.444	0.0018
346	0.	SLU_ENV	Combination	Min	-342.365	35.359	-2.902	2.415E-04
346	0.5	SLU_ENV	Combination	Min	-329.112	35.359	-2.902	2.415E-04
346	1.	SLU_ENV	Combination	Min	-315.858	35.36	-2.902	2.415E-04
346	0.	SLV_Ex	Combination		-242.093	248.295	-22.178	0.0062
346	0.5	SLV_Ex	Combination		-232.275	242.719	-22.178	0.0062
346	1.	SLV_Ex	Combination		-222.458	237.143	-22.178	0.0062
347	0.	SLU_ENV	Combination	Max	-38.865	-2.093	0.127	0.
347	0.5	SLU_ENV	Combination	Max	-29.048	-2.093	0.127	0.
347	1.	SLU_ENV	Combination	Max	-19.23	-2.093	0.127	0.
347	0.	SLU_ENV	Combination	Min	-63.965	-5.086	-0.278	0.
347	0.5	SLU_ENV	Combination	Min	-50.711	-5.086	-0.278	0.
347	1.	SLU_ENV	Combination	Min	-37.457	-5.086	-0.278	0.
347	0.	SLV_Ex	Combination		-48.156	-34.549	1.548	0.
347	0.5	SLV_Ex	Combination		-38.338	-34.549	1.548	0.
347	1.	SLV_Ex	Combination		-28.521	-34.549	1.548	0.
348	0.	SLU_ENV	Combination	Max	-58.107	-3.419	0.241	0.
348	0.5	SLU_ENV	Combination	Max	-48.29	-3.419	0.241	0.
348	1.	SLU_ENV	Combination	Max	-38.472	-3.419	0.241	0.
348	0.	SLU_ENV	Combination	Min	-101.443	-8.307	-0.584	0.
348	0.5	SLU_ENV	Combination	Min	-88.189	-8.307	-0.584	0.
348	1.	SLU_ENV	Combination	Min	-74.935	-8.307	-0.584	0.
348	0.	SLV_Ex	Combination		-76.692	-63.044	2.674	0.
348	0.5	SLV_Ex	Combination		-66.874	-63.044	2.674	0.
348	1.	SLV_Ex	Combination		-57.057	-63.044	2.674	0.
349	0.	SLU_ENV	Combination	Max	-77.369	-3.965	0.341	0.
349	0.5	SLU_ENV	Combination	Max	-67.551	-3.965	0.341	0.
349	1.	SLU_ENV	Combination	Max	-57.734	-3.965	0.341	0.
349	0.	SLU_ENV	Combination	Min	-138.956	-9.628	-0.916	0.
349	0.5	SLU_ENV	Combination	Min	-125.703	-9.628	-0.916	0.
349	1.	SLU_ENV	Combination	Min	-112.449	-9.628	-0.916	0.
349	0.	SLV_Ex	Combination		-105.255	-85.263	3.369	0.
349	0.5	SLV_Ex	Combination		-95.437	-85.263	3.369	0.
349	1.	SLV_Ex	Combination		-85.62	-85.263	3.369	0.
350	0.	SLU_ENV	Combination	Max	-96.657	-3.695	0.426	0.
350	0.5	SLU_ENV	Combination	Max	-86.84	-3.695	0.426	0.
350	1.	SLU_ENV	Combination	Max	-77.022	-3.695	0.426	0.
350	0.	SLU_ENV	Combination	Min	-176.521	-8.965	-1.269	0.
350	0.5	SLU_ENV	Combination	Min	-163.267	-8.965	-1.269	0.
350	1.	SLU_ENV	Combination	Min	-150.014	-8.965	-1.269	0.
350	0.	SLV_Ex	Combination		-133.857	-100.572	3.605	0.
350	0.5	SLV_Ex	Combination		-124.039	-100.572	3.605	0.
350	1.	SLV_Ex	Combination		-114.222	-100.572	3.605	0.
351	0.	SLU_ENV	Combination	Max	-115.981	-2.549	0.491	0.
351	0.5	SLU_ENV	Combination	Max	-106.164	-2.549	0.491	0.
351	1.	SLU_ENV	Combination	Max	-96.346	-2.549	0.491	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
351	0.	SLU_ENV	Combination	Min	-214.152	-6.166	-1.631	0.
351	0.5	SLU_ENV	Combination	Min	-200.898	-6.166	-1.631	0.
351	1.	SLU_ENV	Combination	Min	-187.644	-6.166	-1.631	0.
351	0.	SLV_Ex	Combination		-162.509	-107.788	3.333	0.
351	0.5	SLV_Ex	Combination		-152.691	-107.788	3.333	0.
351	1.	SLV_Ex	Combination		-142.874	-107.788	3.333	0.
352	0.	SLU_ENV	Combination	Max	-135.348	-0.439	0.528	0.
352	0.5	SLU_ENV	Combination	Max	-125.531	-0.439	0.528	0.
352	1.	SLU_ENV	Combination	Max	-115.713	-0.439	0.528	0.
352	0.	SLU_ENV	Combination	Min	-251.864	-1.025	-1.983	0.
352	0.5	SLU_ENV	Combination	Min	-238.61	-1.025	-1.983	0.
352	1.	SLU_ENV	Combination	Min	-225.356	-1.025	-1.983	0.
352	0.	SLV_Ex	Combination		-191.223	-105.074	2.48	0.
352	0.5	SLV_Ex	Combination		-181.405	-105.074	2.48	0.
352	1.	SLV_Ex	Combination		-171.588	-105.074	2.48	0.
353	0.	SLU_ENV	Combination	Max	-154.766	6.705	0.527	0.
353	0.5	SLU_ENV	Combination	Max	-144.949	6.705	0.527	0.
353	1.	SLU_ENV	Combination	Max	-135.131	6.705	0.527	0.
353	0.	SLU_ENV	Combination	Min	-289.672	2.734	-2.293	0.
353	0.5	SLU_ENV	Combination	Min	-276.419	2.734	-2.293	0.
353	1.	SLU_ENV	Combination	Min	-263.165	2.734	-2.293	0.
353	0.	SLV_Ex	Combination		-220.01	-89.896	0.953	0.
353	0.5	SLV_Ex	Combination		-210.193	-89.896	0.953	0.
353	1.	SLV_Ex	Combination		-200.375	-89.896	0.953	0.
354	0.	SLU_ENV	Combination	Max	-174.243	17.277	0.474	0.
354	0.5	SLU_ENV	Combination	Max	-164.425	17.277	0.474	0.
354	1.	SLU_ENV	Combination	Max	-154.608	17.277	0.474	0.
354	0.	SLU_ENV	Combination	Min	-327.593	7.077	-2.52	0.
354	0.5	SLU_ENV	Combination	Min	-314.339	7.077	-2.52	0.
354	1.	SLU_ENV	Combination	Min	-301.086	7.077	-2.52	0.
354	0.	SLV_Ex	Combination		-248.883	-59.039	-1.36	0.
354	0.5	SLV_Ex	Combination		-239.065	-59.039	-1.36	0.
354	1.	SLV_Ex	Combination		-229.248	-59.039	-1.36	0.
355	0.	SLU_ENV	Combination	Max	-193.786	30.903	0.352	0.
355	0.5	SLU_ENV	Combination	Max	-183.968	30.903	0.352	0.
355	1.	SLU_ENV	Combination	Max	-174.151	30.903	0.352	0.
355	0.	SLU_ENV	Combination	Min	-365.641	12.676	-2.605	0.
355	0.5	SLU_ENV	Combination	Min	-352.387	12.676	-2.605	0.
355	1.	SLU_ENV	Combination	Min	-339.133	12.676	-2.605	0.
355	0.	SLV_Ex	Combination		-277.852	-8.705	-4.574	0.
355	0.5	SLV_Ex	Combination		-268.034	-8.705	-4.574	0.
355	1.	SLV_Ex	Combination		-258.217	-8.705	-4.574	0.
356	0.	SLU_ENV	Combination	Max	-213.403	47.681	0.139	0.
356	0.5	SLU_ENV	Combination	Max	-203.586	47.681	0.139	0.
356	1.	SLU_ENV	Combination	Max	-193.768	47.681	0.139	0.
356	0.	SLU_ENV	Combination	Min	-403.831	19.572	-2.473	0.
356	0.5	SLU_ENV	Combination	Min	-390.577	19.572	-2.473	0.
356	1.	SLU_ENV	Combination	Min	-377.324	19.572	-2.473	0.
356	0.	SLV_Ex	Combination		-306.93	65.285	-8.796	0.
356	0.5	SLV_Ex	Combination		-297.112	65.285	-8.796	0.
356	1.	SLV_Ex	Combination		-287.295	65.285	-8.796	0.
357	0.	SLU_ENV	Combination	Max	-233.103	67.508	-0.186	0.
357	0.5	SLU_ENV	Combination	Max	-223.286	67.508	-0.186	0.
357	1.	SLU_ENV	Combination	Max	-213.468	67.508	-0.186	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
357	0.	SLU_ENV	Combination	Min	-442.18	27.724	-2.034	-7.494E-17
357	0.5	SLU_ENV	Combination	Min	-428.926	27.724	-2.034	-7.494E-17
357	1.	SLU_ENV	Combination	Min	-415.672	27.724	-2.034	-7.494E-17
357	0.	SLV_Ex	Combination		-336.128	167.167	-14.106	-2.848E-14
357	0.5	SLV_Ex	Combination		-326.31	167.167	-14.106	-2.848E-14
357	1.	SLV_Ex	Combination		-316.493	167.167	-14.106	-2.848E-14
358	0.	SLU_ENV	Combination	Max	-252.894	89.975	-0.647	-8.882E-16
358	0.5	SLU_ENV	Combination	Max	-243.076	89.975	-0.647	-8.882E-16
358	1.	SLU_ENV	Combination	Max	-233.259	89.975	-0.647	-8.882E-16
358	0.	SLU_ENV	Combination	Min	-480.702	36.964	-1.18	-1.799E-15
358	0.5	SLU_ENV	Combination	Min	-467.448	36.964	-1.18	-1.799E-15
358	1.	SLU_ENV	Combination	Min	-454.195	36.964	-1.18	-1.799E-15
358	0.	SLV_Ex	Combination		-365.458	300.756	-20.523	-8.882E-16
358	0.5	SLV_Ex	Combination		-355.64	300.756	-20.523	-8.882E-16
358	1.	SLV_Ex	Combination		-345.823	300.756	-20.523	-8.882E-16
359	0.	SLU_ENV	Combination	Max	-233.259	89.975	-0.647	-4.441E-16
359	0.5	SLU_ENV	Combination	Max	-223.441	89.975	-0.647	-4.441E-16
359	1.	SLU_ENV	Combination	Max	-213.624	89.975	-0.647	-4.441E-16
359	0.	SLU_ENV	Combination	Min	-454.195	36.964	-1.18	-6.370E-16
359	0.5	SLU_ENV	Combination	Min	-440.941	36.964	-1.18	-6.370E-16
359	1.	SLU_ENV	Combination	Min	-427.688	36.964	-1.18	-6.370E-16
359	0.	SLV_Ex	Combination		-345.823	300.756	-20.523	-4.718E-16
359	0.5	SLV_Ex	Combination		-336.005	295.18	-20.523	-4.718E-16
359	1.	SLV_Ex	Combination		-326.188	289.603	-20.523	-4.718E-16
360	0.	SLU_ENV	Combination	Max	-213.624	89.975	-0.647	0.
360	0.5	SLU_ENV	Combination	Max	-203.806	89.975	-0.647	0.
360	1.	SLU_ENV	Combination	Max	-193.989	89.975	-0.647	0.
360	0.	SLU_ENV	Combination	Min	-427.688	36.964	-1.18	-3.747E-17
360	0.5	SLU_ENV	Combination	Min	-414.434	36.964	-1.18	-3.747E-17
360	1.	SLU_ENV	Combination	Min	-401.18	36.964	-1.18	-3.747E-17
360	0.	SLV_Ex	Combination		-326.188	289.603	-20.523	-2.845E-14
360	0.5	SLV_Ex	Combination		-316.37	284.027	-20.523	-2.845E-14
360	1.	SLV_Ex	Combination		-306.553	278.451	-20.523	-2.845E-14
361	0.	SLU_ENV	Combination	Max	-193.989	89.975	-0.647	-4.441E-16
361	0.5	SLU_ENV	Combination	Max	-184.171	89.975	-0.647	-4.441E-16
361	1.	SLU_ENV	Combination	Max	-174.354	89.975	-0.647	-4.441E-16
361	0.	SLU_ENV	Combination	Min	-401.18	36.964	-1.18	-1.237E-15
361	0.5	SLU_ENV	Combination	Min	-387.927	36.964	-1.18	-1.237E-15
361	1.	SLU_ENV	Combination	Min	-374.673	36.964	-1.18	-1.237E-15
361	0.	SLV_Ex	Combination		-306.553	278.451	-20.523	-2.889E-14
361	0.5	SLV_Ex	Combination		-296.735	272.874	-20.523	-2.889E-14
361	1.	SLV_Ex	Combination		-286.918	267.298	-20.523	-2.889E-14
362	0.	SLU_ENV	Combination	Max	-174.354	89.975	-0.647	-4.441E-16
362	0.5	SLU_ENV	Combination	Max	-164.536	89.975	-0.647	-4.441E-16
362	1.	SLU_ENV	Combination	Max	-154.719	89.975	-0.647	-4.441E-16
362	0.	SLU_ENV	Combination	Min	-374.673	36.964	-1.18	-5.995E-16
362	0.5	SLU_ENV	Combination	Min	-361.42	36.964	-1.18	-5.995E-16
362	1.	SLU_ENV	Combination	Min	-348.166	36.964	-1.18	-5.995E-16
362	0.	SLV_Ex	Combination		-286.918	267.298	-20.523	-4.441E-16
362	0.5	SLV_Ex	Combination		-277.101	261.722	-20.523	-4.441E-16
362	1.	SLV_Ex	Combination		-267.283	256.145	-20.523	-4.441E-16
363	0.	SLU_ENV	Combination	Max	-154.721	89.958	-0.647	0.0012
363	0.5	SLU_ENV	Combination	Max	-144.903	89.958	-0.647	0.0012
363	1.	SLU_ENV	Combination	Max	-135.086	89.959	-0.647	0.0012

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
363	0.	SLU_ENV	Combination	Min	-348.17	36.957	-1.18	-1.121E-05
363	0.5	SLU_ENV	Combination	Min	-334.917	36.957	-1.18	-1.121E-05
363	1.	SLU_ENV	Combination	Min	-321.663	36.958	-1.18	-1.121E-05
363	0.	SLV_Ex	Combination		-267.296	256.132	-20.523	0.0057
363	0.5	SLV_Ex	Combination		-257.478	250.556	-20.523	0.0057
363	1.	SLV_Ex	Combination		-247.66	244.98	-20.523	0.0057
364	0.	SLU_ENV	Combination	Max	-39.7	-2.192	0.079	0.
364	0.5	SLU_ENV	Combination	Max	-29.882	-2.192	0.079	0.
364	1.	SLU_ENV	Combination	Max	-20.065	-2.192	0.079	0.
364	0.	SLU_ENV	Combination	Min	-64.181	-5.134	-0.371	0.
364	0.5	SLU_ENV	Combination	Min	-50.927	-5.134	-0.371	0.
364	1.	SLU_ENV	Combination	Min	-37.673	-5.134	-0.371	0.
364	0.	SLV_Ex	Combination		-49.895	-35.071	1.445	0.
364	0.5	SLV_Ex	Combination		-40.078	-35.071	1.445	0.
364	1.	SLV_Ex	Combination		-30.261	-35.071	1.445	0.
365	0.	SLU_ENV	Combination	Max	-59.776	-3.582	0.163	0.
365	0.5	SLU_ENV	Combination	Max	-49.959	-3.582	0.163	0.
365	1.	SLU_ENV	Combination	Max	-40.142	-3.582	0.163	0.
365	0.	SLU_ENV	Combination	Min	-101.875	-8.386	-0.737	0.
365	0.5	SLU_ENV	Combination	Min	-88.621	-8.386	-0.737	0.
365	1.	SLU_ENV	Combination	Min	-75.368	-8.386	-0.737	0.
365	0.	SLV_Ex	Combination		-80.172	-63.931	2.505	0.
365	0.5	SLV_Ex	Combination		-70.355	-63.931	2.505	0.
365	1.	SLV_Ex	Combination		-60.537	-63.931	2.505	0.
366	0.	SLU_ENV	Combination	Max	-79.873	-4.155	0.251	0.
366	0.5	SLU_ENV	Combination	Max	-70.056	-4.155	0.251	0.
366	1.	SLU_ENV	Combination	Max	-60.239	-4.155	0.251	0.
366	0.	SLU_ENV	Combination	Min	-139.605	-9.722	-1.094	0.
366	0.5	SLU_ENV	Combination	Min	-126.351	-9.722	-1.094	0.
366	1.	SLU_ENV	Combination	Min	-113.097	-9.722	-1.094	0.
366	0.	SLV_Ex	Combination		-110.477	-86.354	3.172	0.
366	0.5	SLV_Ex	Combination		-100.66	-86.354	3.172	0.
366	1.	SLV_Ex	Combination		-90.842	-86.354	3.172	0.
367	0.	SLU_ENV	Combination	Max	-99.999	-3.873	0.341	0.
367	0.5	SLU_ENV	Combination	Max	-90.181	-3.873	0.341	0.
367	1.	SLU_ENV	Combination	Max	-80.364	-3.873	0.341	0.
367	0.	SLU_ENV	Combination	Min	-177.386	-9.055	-1.435	0.
367	0.5	SLU_ENV	Combination	Min	-164.132	-9.055	-1.435	0.
367	1.	SLU_ENV	Combination	Min	-150.879	-9.055	-1.435	0.
367	0.	SLV_Ex	Combination		-140.823	-101.698	3.418	0.
367	0.5	SLV_Ex	Combination		-131.006	-101.698	3.418	0.
367	1.	SLV_Ex	Combination		-121.188	-101.698	3.418	0.
368	0.	SLU_ENV	Combination	Max	-120.161	-2.673	0.43	0.
368	0.5	SLU_ENV	Combination	Max	-110.343	-2.673	0.43	0.
368	1.	SLU_ENV	Combination	Max	-100.526	-2.673	0.43	0.
368	0.	SLU_ENV	Combination	Min	-215.233	-6.233	-1.746	0.
368	0.5	SLU_ENV	Combination	Min	-201.98	-6.233	-1.746	0.
368	1.	SLU_ENV	Combination	Min	-188.726	-6.233	-1.746	0.
368	0.	SLV_Ex	Combination		-171.222	-108.763	3.199	0.
368	0.5	SLV_Ex	Combination		-161.405	-108.763	3.199	0.
368	1.	SLV_Ex	Combination		-151.588	-108.763	3.199	0.
369	0.	SLU_ENV	Combination	Max	-140.367	-0.464	0.513	0.
369	0.5	SLU_ENV	Combination	Max	-130.55	-0.464	0.513	0.
369	1.	SLU_ENV	Combination	Max	-120.732	-0.464	0.513	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
369	0.	SLU_ENV	Combination	Min	-253.163	-1.049	-2.005	0.
369	0.5	SLU_ENV	Combination	Min	-239.909	-1.049	-2.005	0.
369	1.	SLU_ENV	Combination	Min	-226.656	-1.049	-2.005	0.
369	0.	SLV_Ex	Combination		-201.687	-105.688	2.445	0.
369	0.5	SLV_Ex	Combination		-191.869	-105.688	2.445	0.
369	1.	SLV_Ex	Combination		-182.052	-105.688	2.445	0.
370	0.	SLU_ENV	Combination	Max	-160.627	6.749	0.581	0.
370	0.5	SLU_ENV	Combination	Max	-150.809	6.749	0.581	0.
370	1.	SLU_ENV	Combination	Max	-140.992	6.749	0.581	0.
370	0.	SLU_ENV	Combination	Min	-291.189	2.859	-2.174	0.
370	0.5	SLU_ENV	Combination	Min	-277.936	2.859	-2.174	0.
370	1.	SLU_ENV	Combination	Min	-264.682	2.859	-2.174	0.
370	0.	SLV_Ex	Combination		-232.229	-89.91	1.068	0.
370	0.5	SLV_Ex	Combination		-222.411	-89.91	1.068	0.
370	1.	SLV_Ex	Combination		-212.594	-89.91	1.068	0.
371	0.	SLU_ENV	Combination	Max	-180.947	17.415	0.624	0.
371	0.5	SLU_ENV	Combination	Max	-171.13	17.415	0.624	0.
371	1.	SLU_ENV	Combination	Max	-161.312	17.415	0.624	0.
371	0.	SLU_ENV	Combination	Min	-329.328	7.407	-2.208	0.
371	0.5	SLU_ENV	Combination	Min	-316.075	7.407	-2.208	0.
371	1.	SLU_ENV	Combination	Min	-302.821	7.407	-2.208	0.
371	0.	SLV_Ex	Combination		-262.861	-58.18	-1.036	0.
371	0.5	SLV_Ex	Combination		-253.044	-58.18	-1.036	0.
371	1.	SLV_Ex	Combination		-243.226	-58.18	-1.036	0.
372	0.	SLU_ENV	Combination	Max	-201.337	31.163	0.625	0.
372	0.5	SLU_ENV	Combination	Max	-191.52	31.163	0.625	0.
372	1.	SLU_ENV	Combination	Max	-181.702	31.163	0.625	0.
372	0.	SLU_ENV	Combination	Min	-367.595	13.271	-2.044	0.
372	0.5	SLU_ENV	Combination	Min	-354.342	13.271	-2.044	0.
372	1.	SLU_ENV	Combination	Min	-341.088	13.271	-2.044	0.
372	0.	SLV_Ex	Combination		-293.596	-6.667	-3.981	0.
372	0.5	SLV_Ex	Combination		-283.778	-6.667	-3.981	0.
372	1.	SLV_Ex	Combination		-273.961	-6.667	-3.981	0.
373	0.	SLU_ENV	Combination	Max	-221.804	48.093	0.566	0.
373	0.5	SLU_ENV	Combination	Max	-211.987	48.093	0.566	0.
373	1.	SLU_ENV	Combination	Max	-202.169	48.093	0.566	0.
373	0.	SLU_ENV	Combination	Min	-406.006	20.494	-1.605	0.
373	0.5	SLU_ENV	Combination	Min	-392.752	20.494	-1.605	0.
373	1.	SLU_ENV	Combination	Min	-379.498	20.494	-1.605	0.
373	0.	SLV_Ex	Combination		-324.445	68.838	-7.87	0.
373	0.5	SLV_Ex	Combination		-314.628	68.838	-7.87	0.
373	1.	SLV_Ex	Combination		-304.81	68.838	-7.87	0.
374	0.	SLU_ENV	Combination	Max	-242.358	68.103	0.423	0.
374	0.5	SLU_ENV	Combination	Max	-232.54	68.103	0.423	0.
374	1.	SLU_ENV	Combination	Max	-222.723	68.103	0.423	0.
374	0.	SLU_ENV	Combination	Min	-444.575	29.033	-0.802	0.
374	0.5	SLU_ENV	Combination	Min	-431.322	29.033	-0.802	0.
374	1.	SLU_ENV	Combination	Min	-418.068	29.033	-0.802	0.
374	0.	SLV_Ex	Combination		-355.422	172.586	-12.784	-2.842E-14
374	0.5	SLV_Ex	Combination		-345.604	172.586	-12.784	-2.842E-14
374	1.	SLV_Ex	Combination		-335.787	172.586	-12.784	-2.842E-14
375	0.	SLU_ENV	Combination	Max	-263.005	90.779	0.464	-2.220E-16
375	0.5	SLU_ENV	Combination	Max	-253.187	90.779	0.464	-2.220E-16
375	1.	SLU_ENV	Combination	Max	-243.37	90.779	0.464	-2.220E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
375	0.	SLU_ENV	Combination	Min	-483.319	38.713	0.169	-5.995E-16
375	0.5	SLU_ENV	Combination	Min	-470.066	38.713	0.169	-5.995E-16
375	1.	SLU_ENV	Combination	Min	-456.812	38.713	0.169	-5.995E-16
375	0.	SLV_Ex	Combination		-386.539	308.381	-18.75	-2.220E-16
375	0.5	SLV_Ex	Combination		-376.721	308.381	-18.75	-2.220E-16
375	1.	SLV_Ex	Combination		-366.904	308.381	-18.75	-2.220E-16
376	0.	SLU_ENV	Combination	Max	-243.37	90.779	0.464	-2.220E-16
376	0.5	SLU_ENV	Combination	Max	-233.552	90.779	0.464	-2.220E-16
376	1.	SLU_ENV	Combination	Max	-223.735	90.779	0.464	-2.220E-16
376	0.	SLU_ENV	Combination	Min	-456.812	38.713	0.169	-5.995E-16
376	0.5	SLU_ENV	Combination	Min	-443.558	38.713	0.169	-5.995E-16
376	1.	SLU_ENV	Combination	Min	-430.305	38.713	0.169	-5.995E-16
376	0.	SLV_Ex	Combination		-366.904	308.381	-18.75	-2.220E-16
376	0.5	SLV_Ex	Combination		-357.086	302.805	-18.75	-2.220E-16
376	1.	SLV_Ex	Combination		-347.269	297.229	-18.75	-2.220E-16
377	0.	SLU_ENV	Combination	Max	-223.735	90.779	0.464	-2.220E-16
377	0.5	SLU_ENV	Combination	Max	-213.918	90.779	0.464	-2.220E-16
377	1.	SLU_ENV	Combination	Max	-204.1	90.779	0.464	-2.220E-16
377	0.	SLU_ENV	Combination	Min	-430.305	38.713	0.169	-3.021E-16
377	0.5	SLU_ENV	Combination	Min	-417.051	38.713	0.169	-3.021E-16
377	1.	SLU_ENV	Combination	Min	-403.798	38.713	0.169	-3.021E-16
377	0.	SLV_Ex	Combination		-347.269	297.229	-18.75	-5.707E-14
377	0.5	SLV_Ex	Combination		-337.451	291.652	-18.75	-5.707E-14
377	1.	SLV_Ex	Combination		-327.634	286.076	-18.75	-5.707E-14
378	0.	SLU_ENV	Combination	Max	-204.1	90.779	0.464	-4.441E-16
378	0.5	SLU_ENV	Combination	Max	-194.283	90.779	0.464	-4.441E-16
378	1.	SLU_ENV	Combination	Max	-184.465	90.779	0.464	-4.441E-16
378	0.	SLU_ENV	Combination	Min	-403.798	38.713	0.169	-1.199E-15
378	0.5	SLU_ENV	Combination	Min	-390.544	38.713	0.169	-1.199E-15
378	1.	SLU_ENV	Combination	Min	-377.29	38.713	0.169	-1.199E-15
378	0.	SLV_Ex	Combination		-327.634	286.076	-18.75	-4.441E-16
378	0.5	SLV_Ex	Combination		-317.816	280.5	-18.75	-4.441E-16
378	1.	SLV_Ex	Combination		-307.999	274.923	-18.75	-4.441E-16
379	0.	SLU_ENV	Combination	Max	-184.465	90.779	0.464	-2.220E-16
379	0.5	SLU_ENV	Combination	Max	-174.648	90.779	0.464	-2.220E-16
379	1.	SLU_ENV	Combination	Max	-164.83	90.779	0.464	-2.220E-16
379	0.	SLU_ENV	Combination	Min	-377.29	38.713	0.169	-5.995E-16
379	0.5	SLU_ENV	Combination	Min	-364.037	38.713	0.169	-5.995E-16
379	1.	SLU_ENV	Combination	Min	-350.783	38.713	0.169	-5.995E-16
379	0.	SLV_Ex	Combination		-307.999	274.923	-18.75	-2.864E-14
379	0.5	SLV_Ex	Combination		-298.181	269.347	-18.75	-2.864E-14
379	1.	SLV_Ex	Combination		-288.364	263.771	-18.75	-2.864E-14
380	0.	SLU_ENV	Combination	Max	-164.832	90.762	0.464	6.922E-04
380	0.5	SLU_ENV	Combination	Max	-155.015	90.762	0.464	6.922E-04
380	1.	SLU_ENV	Combination	Max	-145.197	90.763	0.464	6.922E-04
380	0.	SLU_ENV	Combination	Min	-350.788	38.705	0.169	-2.708E-04
380	0.5	SLU_ENV	Combination	Min	-337.534	38.705	0.169	-2.708E-04
380	1.	SLU_ENV	Combination	Min	-324.281	38.706	0.169	-2.708E-04
380	0.	SLV_Ex	Combination		-288.377	263.756	-18.75	0.0051
380	0.5	SLV_Ex	Combination		-278.559	258.181	-18.75	0.0051
380	1.	SLV_Ex	Combination		-268.742	252.605	-18.75	0.0051
381	0.	SLU_ENV	Combination	Max	-40.348	-2.252	0.016	0.
381	0.5	SLU_ENV	Combination	Max	-30.531	-2.252	0.016	0.
381	1.	SLU_ENV	Combination	Max	-20.713	-2.252	0.016	0.



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
381	0.	SLU_ENV	Combination	Min	-64.143	-5.071	-0.468	0.
381	0.5	SLU_ENV	Combination	Min	-50.889	-5.071	-0.468	0.
381	1.	SLU_ENV	Combination	Min	-37.636	-5.071	-0.468	0.
381	0.	SLV_Ex	Combination		-51.276	-35.386	1.296	0.
381	0.5	SLV_Ex	Combination		-41.458	-35.386	1.296	0.
381	1.	SLV_Ex	Combination		-31.641	-35.386	1.296	0.
382	0.	SLU_ENV	Combination	Max	-61.074	-3.68	0.059	0.
382	0.5	SLU_ENV	Combination	Max	-51.256	-3.68	0.059	0.
382	1.	SLU_ENV	Combination	Max	-41.439	-3.68	0.059	0.
382	0.	SLU_ENV	Combination	Min	-101.799	-8.283	-0.895	0.
382	0.5	SLU_ENV	Combination	Min	-88.546	-8.283	-0.895	0.
382	1.	SLU_ENV	Combination	Min	-75.292	-8.283	-0.895	0.
382	0.	SLV_Ex	Combination		-82.933	-64.48	2.261	0.
382	0.5	SLV_Ex	Combination		-73.116	-64.48	2.261	0.
382	1.	SLV_Ex	Combination		-63.298	-64.48	2.261	0.
383	0.	SLU_ENV	Combination	Max	-81.82	-4.269	0.13	0.
383	0.5	SLU_ENV	Combination	Max	-72.002	-4.269	0.13	0.
383	1.	SLU_ENV	Combination	Max	-62.185	-4.269	0.13	0.
383	0.	SLU_ENV	Combination	Min	-139.491	-9.604	-1.278	0.
383	0.5	SLU_ENV	Combination	Min	-126.238	-9.604	-1.278	0.
383	1.	SLU_ENV	Combination	Min	-112.984	-9.604	-1.278	0.
383	0.	SLV_Ex	Combination		-114.62	-87.053	2.887	0.
383	0.5	SLV_Ex	Combination		-104.803	-87.053	2.887	0.
383	1.	SLV_Ex	Combination		-94.985	-87.053	2.887	0.
384	0.	SLU_ENV	Combination	Max	-102.595	-3.98	0.227	0.
384	0.5	SLU_ENV	Combination	Max	-92.778	-3.98	0.227	0.
384	1.	SLU_ENV	Combination	Max	-82.96	-3.98	0.227	0.
384	0.	SLU_ENV	Combination	Min	-177.235	-8.948	-1.607	0.
384	0.5	SLU_ENV	Combination	Min	-163.981	-8.948	-1.607	0.
384	1.	SLU_ENV	Combination	Min	-150.727	-8.948	-1.607	0.
384	0.	SLV_Ex	Combination		-146.35	-102.458	3.151	0.
384	0.5	SLV_Ex	Combination		-136.533	-102.458	3.151	0.
384	1.	SLV_Ex	Combination		-126.715	-102.458	3.151	0.
385	0.	SLU_ENV	Combination	Max	-123.408	-2.748	0.35	0.
385	0.5	SLU_ENV	Combination	Max	-113.591	-2.748	0.35	0.
385	1.	SLU_ENV	Combination	Max	-103.773	-2.748	0.35	0.
385	0.	SLU_ENV	Combination	Min	-215.044	-6.165	-1.865	0.
385	0.5	SLU_ENV	Combination	Min	-201.791	-6.165	-1.865	0.
385	1.	SLU_ENV	Combination	Min	-188.537	-6.165	-1.865	0.
385	0.	SLV_Ex	Combination		-178.135	-109.484	3.01	0.
385	0.5	SLV_Ex	Combination		-168.317	-109.484	3.01	0.
385	1.	SLV_Ex	Combination		-158.5	-109.484	3.01	0.
386	0.	SLU_ENV	Combination	Max	-144.267	-0.48	0.496	0.
386	0.5	SLU_ENV	Combination	Max	-134.45	-0.48	0.496	0.
386	1.	SLU_ENV	Combination	Max	-124.632	-0.48	0.496	0.
386	0.	SLU_ENV	Combination	Min	-252.936	-1.048	-2.026	0.
386	0.5	SLU_ENV	Combination	Min	-239.682	-1.048	-2.026	0.
386	1.	SLU_ENV	Combination	Min	-226.429	-1.048	-2.026	0.
386	0.	SLV_Ex	Combination		-209.988	-106.257	2.403	0.
386	0.5	SLV_Ex	Combination		-200.17	-106.257	2.403	0.
386	1.	SLV_Ex	Combination		-190.353	-106.257	2.403	0.
387	0.	SLU_ENV	Combination	Max	-165.18	6.648	0.659	0.
387	0.5	SLU_ENV	Combination	Max	-155.363	6.648	0.659	0.
387	1.	SLU_ENV	Combination	Max	-145.545	6.648	0.659	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
387	0.	SLU_ENV	Combination	Min	-290.924	2.932	-2.049	0.
387	0.5	SLU_ENV	Combination	Min	-277.671	2.932	-2.049	0.
387	1.	SLU_ENV	Combination	Min	-264.417	2.932	-2.049	0.
387	0.	SLV_Ex	Combination		-241.922	-90.191	1.248	0.
387	0.5	SLV_Ex	Combination		-232.105	-90.191	1.248	0.
387	1.	SLV_Ex	Combination		-222.287	-90.191	1.248	0.
388	0.	SLU_ENV	Combination	Max	-186.157	17.178	0.832	0.
388	0.5	SLU_ENV	Combination	Max	-176.339	17.178	0.832	0.
388	1.	SLU_ENV	Combination	Max	-166.522	17.178	0.832	0.
388	0.	SLU_ENV	Combination	Min	-329.025	7.603	-1.882	0.
388	0.5	SLU_ENV	Combination	Min	-315.771	7.603	-1.882	0.
388	1.	SLU_ENV	Combination	Min	-302.518	7.603	-1.882	0.
388	0.	SLV_Ex	Combination		-273.95	-58.016	-0.552	0.
388	0.5	SLV_Ex	Combination		-264.133	-58.016	-0.552	0.
388	1.	SLV_Ex	Combination		-254.315	-58.016	-0.552	0.
389	0.	SLU_ENV	Combination	Max	-207.204	30.751	1.001	0.
389	0.5	SLU_ENV	Combination	Max	-197.387	30.751	1.001	0.
389	1.	SLU_ENV	Combination	Max	-187.569	30.751	1.001	0.
389	0.	SLU_ENV	Combination	Min	-367.254	13.626	-1.459	0.
389	0.5	SLU_ENV	Combination	Min	-354.	13.626	-1.459	0.
389	1.	SLU_ENV	Combination	Min	-340.746	13.626	-1.459	0.
389	0.	SLV_Ex	Combination		-306.085	-5.875	-3.103	0.
389	0.5	SLV_Ex	Combination		-296.268	-5.875	-3.103	0.
389	1.	SLV_Ex	Combination		-286.45	-5.875	-3.103	0.
390	0.	SLU_ENV	Combination	Max	-228.332	47.466	1.149	0.
390	0.5	SLU_ENV	Combination	Max	-218.514	47.466	1.149	0.
390	1.	SLU_ENV	Combination	Max	-208.697	47.466	1.149	0.
390	0.	SLU_ENV	Combination	Min	-405.626	21.044	-0.701	0.
390	0.5	SLU_ENV	Combination	Min	-392.372	21.044	-0.701	0.
390	1.	SLU_ENV	Combination	Min	-379.118	21.044	-0.701	0.
390	0.	SLV_Ex	Combination		-338.34	70.464	-6.506	0.
390	0.5	SLV_Ex	Combination		-328.523	70.464	-6.506	0.
390	1.	SLV_Ex	Combination		-318.705	70.464	-6.506	0.
391	0.	SLU_ENV	Combination	Max	-249.548	67.225	1.411	0.
391	0.5	SLU_ENV	Combination	Max	-239.73	67.225	1.411	0.
391	1.	SLU_ENV	Combination	Max	-229.913	67.225	1.411	0.
391	0.	SLU_ENV	Combination	Min	-444.157	29.815	0.321	0.
391	0.5	SLU_ENV	Combination	Min	-430.903	29.815	0.321	0.
391	1.	SLU_ENV	Combination	Min	-417.649	29.815	0.321	0.
391	0.	SLV_Ex	Combination		-370.728	175.273	-10.843	0.
391	0.5	SLV_Ex	Combination		-360.91	175.273	-10.843	0.
391	1.	SLV_Ex	Combination		-351.093	175.273	-10.843	0.
392	0.	SLU_ENV	Combination	Max	-270.861	89.618	2.174	0.
392	0.5	SLU_ENV	Combination	Max	-261.044	89.618	2.174	0.
392	1.	SLU_ENV	Combination	Max	-251.226	89.618	2.174	0.
392	0.	SLU_ENV	Combination	Min	-482.862	39.759	1.277	0.
392	0.5	SLU_ENV	Combination	Min	-469.608	39.759	1.277	0.
392	1.	SLU_ENV	Combination	Min	-456.355	39.759	1.277	0.
392	0.	SLV_Ex	Combination		-403.262	312.365	-16.153	0.
392	0.5	SLV_Ex	Combination		-393.445	312.365	-16.153	0.
392	1.	SLV_Ex	Combination		-383.627	312.365	-16.153	0.
393	0.	SLU_ENV	Combination	Max	-251.226	89.618	2.174	0.
393	0.5	SLU_ENV	Combination	Max	-241.409	89.618	2.174	0.
393	1.	SLU_ENV	Combination	Max	-231.591	89.618	2.174	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
393	0.	SLU_ENV	Combination	Min	-456.355	39.759	1.277	-1.874E-17
393	0.5	SLU_ENV	Combination	Min	-443.101	39.759	1.277	-1.874E-17
393	1.	SLU_ENV	Combination	Min	-429.848	39.759	1.277	-1.874E-17
393	0.	SLV_Ex	Combination		-383.627	312.365	-16.153	-1.388E-17
393	0.5	SLV_Ex	Combination		-373.81	306.788	-16.153	-1.388E-17
393	1.	SLV_Ex	Combination		-363.992	301.212	-16.153	-1.388E-17
394	0.	SLU_ENV	Combination	Max	-231.591	89.618	2.174	0.
394	0.5	SLU_ENV	Combination	Max	-221.774	89.618	2.174	0.
394	1.	SLU_ENV	Combination	Max	-211.956	89.618	2.174	0.
394	0.	SLU_ENV	Combination	Min	-429.848	39.759	1.277	-2.998E-16
394	0.5	SLU_ENV	Combination	Min	-416.594	39.759	1.277	-2.998E-16
394	1.	SLU_ENV	Combination	Min	-403.34	39.759	1.277	-2.998E-16
394	0.	SLV_Ex	Combination		-363.992	301.212	-16.153	-2.842E-14
394	0.5	SLV_Ex	Combination		-354.175	295.636	-16.153	-2.842E-14
394	1.	SLV_Ex	Combination		-344.357	290.059	-16.153	-2.842E-14
395	0.	SLU_ENV	Combination	Max	-211.956	89.618	2.174	-2.220E-16
395	0.5	SLU_ENV	Combination	Max	-202.139	89.618	2.174	-2.220E-16
395	1.	SLU_ENV	Combination	Max	-192.321	89.618	2.174	-2.220E-16
395	0.	SLU_ENV	Combination	Min	-403.34	39.759	1.277	-5.995E-16
395	0.5	SLU_ENV	Combination	Min	-390.087	39.759	1.277	-5.995E-16
395	1.	SLU_ENV	Combination	Min	-376.833	39.759	1.277	-5.995E-16
395	0.	SLV_Ex	Combination		-344.357	290.059	-16.153	-2.220E-16
395	0.5	SLV_Ex	Combination		-334.54	284.483	-16.153	-2.220E-16
395	1.	SLV_Ex	Combination		-324.722	278.907	-16.153	-2.220E-16
396	0.	SLU_ENV	Combination	Max	-192.321	89.618	2.174	0.
396	0.5	SLU_ENV	Combination	Max	-182.504	89.618	2.174	0.
396	1.	SLU_ENV	Combination	Max	-172.686	89.618	2.174	0.
396	0.	SLU_ENV	Combination	Min	-376.833	39.759	1.277	-1.874E-17
396	0.5	SLU_ENV	Combination	Min	-363.58	39.759	1.277	-1.874E-17
396	1.	SLU_ENV	Combination	Min	-350.326	39.759	1.277	-1.874E-17
396	0.	SLV_Ex	Combination		-324.722	278.907	-16.153	-1.388E-17
396	0.5	SLV_Ex	Combination		-314.905	273.33	-16.153	-1.388E-17
396	1.	SLV_Ex	Combination		-305.087	267.754	-16.153	-1.388E-17
397	0.	SLU_ENV	Combination	Max	-172.688	89.6	2.174	1.435E-04
397	0.5	SLU_ENV	Combination	Max	-162.871	89.601	2.174	1.435E-04
397	1.	SLU_ENV	Combination	Max	-153.053	89.602	2.174	1.435E-04
397	0.	SLU_ENV	Combination	Min	-350.33	39.75	1.277	-6.252E-04
397	0.5	SLU_ENV	Combination	Min	-337.077	39.751	1.277	-6.252E-04
397	1.	SLU_ENV	Combination	Min	-323.823	39.751	1.277	-6.252E-04
397	0.	SLV_Ex	Combination		-305.101	267.739	-16.153	0.0043
397	0.5	SLV_Ex	Combination		-295.283	262.163	-16.153	0.0043
397	1.	SLV_Ex	Combination		-285.465	256.587	-16.153	0.0043
398	0.	SLU_ENV	Combination	Max	-40.831	-2.315	-0.037	0.
398	0.5	SLU_ENV	Combination	Max	-31.013	-2.315	-0.037	0.
398	1.	SLU_ENV	Combination	Max	-21.196	-2.315	-0.037	0.
398	0.	SLU_ENV	Combination	Min	-63.854	-5.012	-0.546	0.
398	0.5	SLU_ENV	Combination	Min	-50.6	-5.012	-0.546	0.
398	1.	SLU_ENV	Combination	Min	-37.347	-5.012	-0.546	0.
398	0.	SLV_Ex	Combination		-52.261	-35.697	1.163	0.
398	0.5	SLV_Ex	Combination		-42.444	-35.697	1.163	0.
398	1.	SLV_Ex	Combination		-32.626	-35.697	1.163	0.
399	0.	SLU_ENV	Combination	Max	-62.039	-3.783	-0.028	0.
399	0.5	SLU_ENV	Combination	Max	-52.221	-3.783	-0.028	0.
399	1.	SLU_ENV	Combination	Max	-42.404	-3.783	-0.028	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
399	0.	SLU_ENV	Combination	Min	-101.221	-8.187	-1.022	0.
399	0.5	SLU_ENV	Combination	Min	-87.968	-8.187	-1.022	0.
399	1.	SLU_ENV	Combination	Min	-74.714	-8.187	-1.022	0.
399	0.	SLV_Ex	Combination		-84.905	-65.022	2.042	0.
399	0.5	SLV_Ex	Combination		-75.087	-65.022	2.042	0.
399	1.	SLV_Ex	Combination		-65.27	-65.022	2.042	0.
400	0.	SLU_ENV	Combination	Max	-83.268	-4.389	0.029	0.
400	0.5	SLU_ENV	Combination	Max	-73.45	-4.389	0.029	0.
400	1.	SLU_ENV	Combination	Max	-63.633	-4.389	0.029	0.
400	0.	SLU_ENV	Combination	Min	-138.624	-9.494	-1.424	0.
400	0.5	SLU_ENV	Combination	Min	-125.371	-9.494	-1.424	0.
400	1.	SLU_ENV	Combination	Min	-112.117	-9.494	-1.424	0.
400	0.	SLV_Ex	Combination		-117.579	-87.744	2.632	0.
400	0.5	SLV_Ex	Combination		-107.761	-87.744	2.632	0.
400	1.	SLV_Ex	Combination		-97.944	-87.744	2.632	0.
401	0.	SLU_ENV	Combination	Max	-104.527	-4.093	0.132	0.
401	0.5	SLU_ENV	Combination	Max	-94.709	-4.093	0.132	0.
401	1.	SLU_ENV	Combination	Max	-84.892	-4.093	0.132	0.
401	0.	SLU_ENV	Combination	Min	-176.078	-8.848	-1.744	0.
401	0.5	SLU_ENV	Combination	Min	-162.824	-8.848	-1.744	0.
401	1.	SLU_ENV	Combination	Min	-149.571	-8.848	-1.744	0.
401	0.	SLV_Ex	Combination		-150.296	-103.209	2.911	0.
401	0.5	SLV_Ex	Combination		-140.479	-103.209	2.911	0.
401	1.	SLV_Ex	Combination		-130.661	-103.209	2.911	0.
402	0.	SLU_ENV	Combination	Max	-125.824	-2.827	0.284	0.
402	0.5	SLU_ENV	Combination	Max	-116.007	-2.827	0.284	0.
402	1.	SLU_ENV	Combination	Max	-106.189	-2.827	0.284	0.
402	0.	SLU_ENV	Combination	Min	-213.597	-6.1	-1.96	0.
402	0.5	SLU_ENV	Combination	Min	-200.344	-6.1	-1.96	0.
402	1.	SLU_ENV	Combination	Min	-187.09	-6.1	-1.96	0.
402	0.	SLV_Ex	Combination		-183.071	-110.198	2.84	0.
402	0.5	SLV_Ex	Combination		-173.253	-110.198	2.84	0.
402	1.	SLV_Ex	Combination		-163.436	-110.198	2.84	0.
403	0.	SLU_ENV	Combination	Max	-147.169	-0.497	0.482	0.
403	0.5	SLU_ENV	Combination	Max	-137.351	-0.497	0.482	0.
403	1.	SLU_ENV	Combination	Max	-127.534	-0.497	0.482	0.
403	0.	SLU_ENV	Combination	Min	-251.198	-1.047	-2.043	0.
403	0.5	SLU_ENV	Combination	Min	-237.944	-1.047	-2.043	0.
403	1.	SLU_ENV	Combination	Min	-224.691	-1.047	-2.043	0.
403	0.	SLV_Ex	Combination		-215.915	-106.821	2.365	0.
403	0.5	SLV_Ex	Combination		-206.098	-106.821	2.365	0.
403	1.	SLV_Ex	Combination		-196.28	-106.821	2.365	0.
404	0.	SLU_ENV	Combination	Max	-168.569	6.555	0.724	0.
404	0.5	SLU_ENV	Combination	Max	-158.751	6.555	0.724	0.
404	1.	SLU_ENV	Combination	Max	-148.934	6.555	0.724	0.
404	0.	SLU_ENV	Combination	Min	-288.895	3.01	-1.95	0.
404	0.5	SLU_ENV	Combination	Min	-275.641	3.01	-1.95	0.
404	1.	SLU_ENV	Combination	Min	-262.388	3.01	-1.95	0.
404	0.	SLV_Ex	Combination		-248.843	-90.474	1.409	0.
404	0.5	SLV_Ex	Combination		-239.026	-90.474	1.409	0.
404	1.	SLV_Ex	Combination		-229.208	-90.474	1.409	0.
405	0.	SLU_ENV	Combination	Max	-190.033	16.957	1.005	0.
405	0.5	SLU_ENV	Combination	Max	-180.215	16.957	1.005	0.
405	1.	SLU_ENV	Combination	Max	-170.398	16.957	1.005	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
405	0.	SLU_ENV	Combination	Min	-326.704	7.811	-1.623	0.
405	0.5	SLU_ENV	Combination	Min	-313.45	7.811	-1.623	0.
405	1.	SLU_ENV	Combination	Min	-300.197	7.811	-1.623	0.
405	0.	SLV_Ex	Combination		-281.868	-57.862	-0.118	0.
405	0.5	SLV_Ex	Combination		-272.05	-57.862	-0.118	0.
405	1.	SLV_Ex	Combination		-262.233	-57.862	-0.118	0.
406	0.	SLU_ENV	Combination	Max	-211.57	30.367	1.315	0.
406	0.5	SLU_ENV	Combination	Max	-201.753	30.367	1.315	0.
406	1.	SLU_ENV	Combination	Max	-191.935	30.367	1.315	0.
406	0.	SLU_ENV	Combination	Min	-364.639	14.	-0.993	0.
406	0.5	SLU_ENV	Combination	Min	-351.386	14.	-0.993	0.
406	1.	SLU_ENV	Combination	Min	-338.132	14.	-0.993	0.
406	0.	SLV_Ex	Combination		-315.003	-5.104	-2.316	0.
406	0.5	SLV_Ex	Combination		-305.185	-5.104	-2.316	0.
406	1.	SLV_Ex	Combination		-295.368	-5.104	-2.316	0.
407	0.	SLU_ENV	Combination	Max	-233.189	46.883	1.637	1.171E-18
407	0.5	SLU_ENV	Combination	Max	-223.371	46.883	1.637	1.171E-18
407	1.	SLU_ENV	Combination	Max	-213.554	46.883	1.637	1.171E-18
407	0.	SLU_ENV	Combination	Min	-402.717	21.625	0.019	0.
407	0.5	SLU_ENV	Combination	Min	-389.463	21.625	0.019	0.
407	1.	SLU_ENV	Combination	Min	-376.21	21.625	0.019	0.
407	0.	SLV_Ex	Combination		-348.261	72.057	-5.283	8.674E-19
407	0.5	SLV_Ex	Combination		-338.444	72.057	-5.283	8.674E-19
407	1.	SLV_Ex	Combination		-328.626	72.057	-5.283	8.674E-19
408	0.	SLU_ENV	Combination	Max	-254.898	66.407	2.444	2.998E-16
408	0.5	SLU_ENV	Combination	Max	-245.081	66.407	2.444	2.998E-16
408	1.	SLU_ENV	Combination	Max	-235.263	66.407	2.444	2.998E-16
408	0.	SLU_ENV	Combination	Min	-440.953	30.641	1.	2.220E-16
408	0.5	SLU_ENV	Combination	Min	-427.699	30.641	1.	2.220E-16
408	1.	SLU_ENV	Combination	Min	-414.445	30.641	1.	2.220E-16
408	0.	SLV_Ex	Combination		-381.657	177.91	-9.102	2.220E-16
408	0.5	SLV_Ex	Combination		-371.839	177.91	-9.102	2.220E-16
408	1.	SLV_Ex	Combination		-362.022	177.91	-9.102	2.220E-16
409	0.	SLU_ENV	Combination	Max	-276.707	88.536	3.535	0.
409	0.5	SLU_ENV	Combination	Max	-266.889	88.536	3.535	0.
409	1.	SLU_ENV	Combination	Max	-257.072	88.536	3.535	0.
409	0.	SLU_ENV	Combination	Min	-479.361	40.862	2.203	0.
409	0.5	SLU_ENV	Combination	Min	-466.108	40.862	2.203	0.
409	1.	SLU_ENV	Combination	Min	-452.854	40.862	2.203	0.
409	0.	SLV_Ex	Combination		-415.203	316.277	-13.824	0.
409	0.5	SLV_Ex	Combination		-405.385	316.277	-13.824	0.
409	1.	SLV_Ex	Combination		-395.568	316.277	-13.824	0.
410	0.	SLU_ENV	Combination	Max	-257.072	88.536	3.535	0.
410	0.5	SLU_ENV	Combination	Max	-247.254	88.536	3.535	0.
410	1.	SLU_ENV	Combination	Max	-237.437	88.536	3.535	0.
410	0.	SLU_ENV	Combination	Min	-452.854	40.862	2.203	0.
410	0.5	SLU_ENV	Combination	Min	-439.6	40.862	2.203	0.
410	1.	SLU_ENV	Combination	Min	-426.347	40.862	2.203	0.
410	0.	SLV_Ex	Combination		-395.568	316.277	-13.824	0.
410	0.5	SLV_Ex	Combination		-385.75	310.701	-13.824	0.
410	1.	SLV_Ex	Combination		-375.933	305.125	-13.824	0.
411	0.	SLU_ENV	Combination	Max	-237.437	88.536	3.535	0.
411	0.5	SLU_ENV	Combination	Max	-227.619	88.536	3.535	0.
411	1.	SLU_ENV	Combination	Max	-217.802	88.536	3.535	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
411	0.	SLU_ENV	Combination	Min	-426.347	40.862	2.203	0.
411	0.5	SLU_ENV	Combination	Min	-413.093	40.862	2.203	0.
411	1.	SLU_ENV	Combination	Min	-399.84	40.862	2.203	0.
411	0.	SLV_Ex	Combination		-375.933	305.125	-13.824	0.
411	0.5	SLV_Ex	Combination		-366.115	299.548	-13.824	0.
411	1.	SLV_Ex	Combination		-356.298	293.972	-13.824	0.
412	0.	SLU_ENV	Combination	Max	-217.802	88.536	3.535	2.986E-16
412	0.5	SLU_ENV	Combination	Max	-207.984	88.536	3.535	2.986E-16
412	1.	SLU_ENV	Combination	Max	-198.167	88.536	3.535	2.986E-16
412	0.	SLU_ENV	Combination	Min	-399.84	40.862	2.203	2.220E-16
412	0.5	SLU_ENV	Combination	Min	-386.586	40.862	2.203	2.220E-16
412	1.	SLU_ENV	Combination	Min	-373.332	40.862	2.203	2.220E-16
412	0.	SLV_Ex	Combination		-356.298	293.972	-13.824	5.706E-14
412	0.5	SLV_Ex	Combination		-346.48	288.396	-13.824	5.706E-14
412	1.	SLV_Ex	Combination		-336.663	282.819	-13.824	5.706E-14
413	0.	SLU_ENV	Combination	Max	-198.167	88.536	3.535	5.995E-16
413	0.5	SLU_ENV	Combination	Max	-188.349	88.536	3.535	5.995E-16
413	1.	SLU_ENV	Combination	Max	-178.532	88.536	3.535	5.995E-16
413	0.	SLU_ENV	Combination	Min	-373.332	40.862	2.203	2.220E-16
413	0.5	SLU_ENV	Combination	Min	-360.079	40.862	2.203	2.220E-16
413	1.	SLU_ENV	Combination	Min	-346.825	40.862	2.203	2.220E-16
413	0.	SLV_Ex	Combination		-336.663	282.819	-13.824	2.864E-14
413	0.5	SLV_Ex	Combination		-326.845	277.243	-13.824	2.864E-14
413	1.	SLV_Ex	Combination		-317.028	271.667	-13.824	2.864E-14
414	0.	SLU_ENV	Combination	Max	-178.534	88.519	3.535	-1.981E-04
414	0.5	SLU_ENV	Combination	Max	-168.717	88.519	3.535	-1.981E-04
414	1.	SLU_ENV	Combination	Max	-158.899	88.52	3.535	-1.981E-04
414	0.	SLU_ENV	Combination	Min	-346.83	40.854	2.203	-0.001
414	0.5	SLU_ENV	Combination	Min	-333.576	40.854	2.203	-0.001
414	1.	SLU_ENV	Combination	Min	-320.322	40.855	2.203	-0.001
414	0.	SLV_Ex	Combination		-317.041	271.651	-13.824	0.0035
414	0.5	SLV_Ex	Combination		-307.224	266.075	-13.824	0.0035
414	1.	SLV_Ex	Combination		-297.406	260.499	-13.824	0.0035
415	0.	SLU_ENV	Combination	Max	-41.185	-2.362	-0.085	0.
415	0.5	SLU_ENV	Combination	Max	-31.367	-2.362	-0.085	0.
415	1.	SLU_ENV	Combination	Max	-21.55	-2.362	-0.085	0.
415	0.	SLU_ENV	Combination	Min	-63.359	-4.917	-0.607	0.
415	0.5	SLU_ENV	Combination	Min	-50.105	-4.917	-0.607	0.
415	1.	SLU_ENV	Combination	Min	-36.851	-4.917	-0.607	0.
415	0.	SLV_Ex	Combination		-52.885	-35.927	1.026	0.
415	0.5	SLV_Ex	Combination		-43.068	-35.927	1.026	0.
415	1.	SLV_Ex	Combination		-33.25	-35.927	1.026	0.
416	0.	SLU_ENV	Combination	Max	-62.747	-3.86	-0.106	0.
416	0.5	SLU_ENV	Combination	Max	-52.929	-3.86	-0.106	0.
416	1.	SLU_ENV	Combination	Max	-43.112	-3.86	-0.106	0.
416	0.	SLU_ENV	Combination	Min	-100.23	-8.034	-1.122	0.
416	0.5	SLU_ENV	Combination	Min	-86.977	-8.034	-1.122	0.
416	1.	SLU_ENV	Combination	Min	-73.723	-8.034	-1.122	0.
416	0.	SLV_Ex	Combination		-86.153	-65.431	1.819	0.
416	0.5	SLV_Ex	Combination		-76.336	-65.431	1.819	0.
416	1.	SLV_Ex	Combination		-66.518	-65.431	1.819	0.
417	0.	SLU_ENV	Combination	Max	-84.331	-4.478	-0.063	0.
417	0.5	SLU_ENV	Combination	Max	-74.513	-4.478	-0.063	0.
417	1.	SLU_ENV	Combination	Max	-64.696	-4.478	-0.063	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
417	0.	SLU_ENV	Combination	Min	-137.137	-9.318	-1.541	0.
417	0.5	SLU_ENV	Combination	Min	-123.883	-9.318	-1.541	0.
417	1.	SLU_ENV	Combination	Min	-110.63	-9.318	-1.541	0.
417	0.	SLV_Ex	Combination		-119.452	-88.279	2.372	0.
417	0.5	SLV_Ex	Combination		-109.635	-88.279	2.372	0.
417	1.	SLV_Ex	Combination		-99.817	-88.279	2.372	0.
418	0.	SLU_ENV	Combination	Max	-105.945	-4.176	0.047	0.
418	0.5	SLU_ENV	Combination	Max	-96.127	-4.176	0.047	0.
418	1.	SLU_ENV	Combination	Max	-86.31	-4.176	0.047	0.
418	0.	SLU_ENV	Combination	Min	-174.094	-8.686	-1.852	0.
418	0.5	SLU_ENV	Combination	Min	-160.84	-8.686	-1.852	0.
418	1.	SLU_ENV	Combination	Min	-147.587	-8.686	-1.852	0.
418	0.	SLV_Ex	Combination		-152.795	-103.816	2.666	0.
418	0.5	SLV_Ex	Combination		-142.978	-103.816	2.666	0.
418	1.	SLV_Ex	Combination		-133.16	-103.816	2.666	0.
419	0.	SLU_ENV	Combination	Max	-127.597	-2.886	0.224	0.
419	0.5	SLU_ENV	Combination	Max	-117.78	-2.886	0.224	0.
419	1.	SLU_ENV	Combination	Max	-107.963	-2.886	0.224	0.
419	0.	SLU_ENV	Combination	Min	-211.116	-5.992	-2.036	0.
419	0.5	SLU_ENV	Combination	Min	-197.862	-5.992	-2.036	0.
419	1.	SLU_ENV	Combination	Min	-184.609	-5.992	-2.036	0.
419	0.	SLV_Ex	Combination		-186.196	-110.812	2.668	0.
419	0.5	SLV_Ex	Combination		-176.379	-110.812	2.668	0.
419	1.	SLV_Ex	Combination		-166.561	-110.812	2.668	0.
420	0.	SLU_ENV	Combination	Max	-149.298	-0.51	0.469	0.
420	0.5	SLU_ENV	Combination	Max	-139.481	-0.51	0.469	0.
420	1.	SLU_ENV	Combination	Max	-129.663	-0.51	0.469	0.
420	0.	SLU_ENV	Combination	Min	-248.218	-1.038	-2.057	0.
420	0.5	SLU_ENV	Combination	Min	-234.965	-1.038	-2.057	0.
420	1.	SLU_ENV	Combination	Min	-221.711	-1.038	-2.057	0.
420	0.	SLV_Ex	Combination		-219.669	-107.366	2.327	0.
420	0.5	SLV_Ex	Combination		-209.851	-107.366	2.327	0.
420	1.	SLV_Ex	Combination		-200.034	-107.366	2.327	0.
421	0.	SLU_ENV	Combination	Max	-171.055	6.417	0.784	0.
421	0.5	SLU_ENV	Combination	Max	-161.238	6.417	0.784	0.
421	1.	SLU_ENV	Combination	Max	-151.42	6.417	0.784	0.
421	0.	SLU_ENV	Combination	Min	-285.416	3.067	-1.871	0.
421	0.5	SLU_ENV	Combination	Min	-272.162	3.067	-1.871	0.
421	1.	SLU_ENV	Combination	Min	-258.908	3.067	-1.871	0.
421	0.	SLV_Ex	Combination		-253.226	-90.861	1.573	0.
421	0.5	SLV_Ex	Combination		-243.409	-90.861	1.573	0.
421	1.	SLV_Ex	Combination		-233.591	-90.861	1.573	0.
422	0.	SLU_ENV	Combination	Max	-192.877	16.619	1.164	0.
422	0.5	SLU_ENV	Combination	Max	-183.06	16.619	1.164	0.
422	1.	SLU_ENV	Combination	Max	-173.242	16.619	1.164	0.
422	0.	SLU_ENV	Combination	Min	-322.723	7.963	-1.417	0.
422	0.5	SLU_ENV	Combination	Min	-309.469	7.963	-1.417	0.
422	1.	SLU_ENV	Combination	Min	-296.216	7.963	-1.417	0.
422	0.	SLV_Ex	Combination		-286.882	-57.98	0.325	0.
422	0.5	SLV_Ex	Combination		-277.065	-57.98	0.325	0.
422	1.	SLV_Ex	Combination		-267.247	-57.98	0.325	0.
423	0.	SLU_ENV	Combination	Max	-214.774	29.772	1.601	0.
423	0.5	SLU_ENV	Combination	Max	-204.956	29.772	1.601	0.
423	1.	SLU_ENV	Combination	Max	-195.139	29.772	1.601	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
423	0.	SLU_ENV	Combination	Min	-360.156	14.276	-0.623	0.
423	0.5	SLU_ENV	Combination	Min	-346.902	14.276	-0.623	0.
423	1.	SLU_ENV	Combination	Min	-333.649	14.276	-0.623	0.
423	0.	SLV_Ex	Combination		-320.65	-4.822	-1.512	0.
423	0.5	SLV_Ex	Combination		-310.833	-4.822	-1.512	0.
423	1.	SLV_Ex	Combination		-301.016	-4.822	-1.512	0.
424	0.	SLU_ENV	Combination	Max	-236.753	45.974	2.273	0.
424	0.5	SLU_ENV	Combination	Max	-226.936	45.974	2.273	0.
424	1.	SLU_ENV	Combination	Max	-217.118	45.974	2.273	0.
424	0.	SLU_ENV	Combination	Min	-397.729	22.053	0.398	0.
424	0.5	SLU_ENV	Combination	Min	-384.476	22.053	0.398	0.
424	1.	SLU_ENV	Combination	Min	-371.222	22.053	0.398	0.
424	0.	SLV_Ex	Combination		-354.545	72.893	-4.034	0.
424	0.5	SLV_Ex	Combination		-344.727	72.893	-4.034	0.
424	1.	SLV_Ex	Combination		-334.91	72.893	-4.034	0.
425	0.	SLU_ENV	Combination	Max	-258.824	65.127	3.349	0.
425	0.5	SLU_ENV	Combination	Max	-249.007	65.127	3.349	0.
425	1.	SLU_ENV	Combination	Max	-239.189	65.127	3.349	0.
425	0.	SLU_ENV	Combination	Min	-435.458	31.25	1.536	-6.089E-16
425	0.5	SLU_ENV	Combination	Min	-422.205	31.25	1.536	-6.089E-16
425	1.	SLU_ENV	Combination	Min	-408.951	31.25	1.536	-6.089E-16
425	0.	SLV_Ex	Combination		-388.578	179.474	-7.327	-2.843E-14
425	0.5	SLV_Ex	Combination		-378.761	179.474	-7.327	-2.843E-14
425	1.	SLV_Ex	Combination		-368.943	179.474	-7.327	-2.843E-14
426	0.	SLU_ENV	Combination	Max	-280.997	86.838	4.616	-2.220E-16
426	0.5	SLU_ENV	Combination	Max	-271.179	86.838	4.616	-2.220E-16
426	1.	SLU_ENV	Combination	Max	-261.362	86.838	4.616	-2.220E-16
426	0.	SLU_ENV	Combination	Min	-473.358	41.676	3.045	-2.998E-16
426	0.5	SLU_ENV	Combination	Min	-460.104	41.676	3.045	-2.998E-16
426	1.	SLU_ENV	Combination	Min	-446.851	41.676	3.045	-2.998E-16
426	0.	SLV_Ex	Combination		-422.765	318.758	-11.45	-2.220E-16
426	0.5	SLV_Ex	Combination		-412.948	318.758	-11.45	-2.220E-16
426	1.	SLV_Ex	Combination		-403.13	318.758	-11.45	-2.220E-16
427	0.	SLU_ENV	Combination	Max	-261.362	86.838	4.616	-2.220E-16
427	0.5	SLU_ENV	Combination	Max	-251.544	86.838	4.616	-2.220E-16
427	1.	SLU_ENV	Combination	Max	-241.727	86.838	4.616	-2.220E-16
427	0.	SLU_ENV	Combination	Min	-446.851	41.676	3.045	-3.044E-16
427	0.5	SLU_ENV	Combination	Min	-433.597	41.676	3.045	-3.044E-16
427	1.	SLU_ENV	Combination	Min	-420.344	41.676	3.045	-3.044E-16
427	0.	SLV_Ex	Combination		-403.13	318.758	-11.45	-2.255E-16
427	0.5	SLV_Ex	Combination		-393.313	313.182	-11.45	-2.255E-16
427	1.	SLV_Ex	Combination		-383.495	307.606	-11.45	-2.255E-16
428	0.	SLU_ENV	Combination	Max	-241.727	86.838	4.616	0.
428	0.5	SLU_ENV	Combination	Max	-231.909	86.838	4.616	0.
428	1.	SLU_ENV	Combination	Max	-222.092	86.838	4.616	0.
428	0.	SLU_ENV	Combination	Min	-420.344	41.676	3.045	-3.044E-16
428	0.5	SLU_ENV	Combination	Min	-407.09	41.676	3.045	-3.044E-16
428	1.	SLU_ENV	Combination	Min	-393.836	41.676	3.045	-3.044E-16
428	0.	SLV_Ex	Combination		-383.495	307.606	-11.45	-2.843E-14
428	0.5	SLV_Ex	Combination		-373.678	302.029	-11.45	-2.843E-14
428	1.	SLV_Ex	Combination		-363.86	296.453	-11.45	-2.843E-14
429	0.	SLU_ENV	Combination	Max	-222.092	86.838	4.616	-2.220E-16
429	0.5	SLU_ENV	Combination	Max	-212.274	86.838	4.616	-2.220E-16
429	1.	SLU_ENV	Combination	Max	-202.457	86.838	4.616	-2.220E-16



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
429	0.	SLU_ENV	Combination	Min	-393.836	41.676	3.045	-6.042E-16
429	0.5	SLU_ENV	Combination	Min	-380.583	41.676	3.045	-6.042E-16
429	1.	SLU_ENV	Combination	Min	-367.329	41.676	3.045	-6.042E-16
429	0.	SLV_Ex	Combination		-363.86	296.453	-11.45	-2.865E-14
429	0.5	SLV_Ex	Combination		-354.043	290.877	-11.45	-2.865E-14
429	1.	SLV_Ex	Combination		-344.225	285.3	-11.45	-2.865E-14
430	0.	SLU_ENV	Combination	Max	-202.457	86.838	4.616	-6.661E-16
430	0.5	SLU_ENV	Combination	Max	-192.639	86.838	4.616	-6.661E-16
430	1.	SLU_ENV	Combination	Max	-182.822	86.838	4.616	-6.661E-16
430	0.	SLU_ENV	Combination	Min	-367.329	41.676	3.045	-1.208E-15
430	0.5	SLU_ENV	Combination	Min	-354.076	41.676	3.045	-1.208E-15
430	1.	SLU_ENV	Combination	Min	-340.822	41.676	3.045	-1.208E-15
430	0.	SLV_Ex	Combination		-344.225	285.3	-11.45	-2.909E-14
430	0.5	SLV_Ex	Combination		-334.408	279.724	-11.45	-2.909E-14
430	1.	SLV_Ex	Combination		-324.59	274.148	-11.45	-2.909E-14
431	0.	SLU_ENV	Combination	Max	-182.824	86.821	4.616	-4.276E-04
431	0.5	SLU_ENV	Combination	Max	-173.006	86.822	4.616	-4.276E-04
431	1.	SLU_ENV	Combination	Max	-163.189	86.823	4.616	-4.276E-04
431	0.	SLU_ENV	Combination	Min	-340.826	41.667	3.045	-0.0014
431	0.5	SLU_ENV	Combination	Min	-327.573	41.668	3.045	-0.0014
431	1.	SLU_ENV	Combination	Min	-314.319	41.668	3.045	-0.0014
431	0.	SLV_Ex	Combination		-324.604	274.132	-11.45	0.0028
431	0.5	SLV_Ex	Combination		-314.786	268.556	-11.45	0.0028
431	1.	SLV_Ex	Combination		-304.968	262.98	-11.45	0.0028
432	0.	SLU_ENV	Combination	Max	-41.441	-2.41	-0.125	0.
432	0.5	SLU_ENV	Combination	Max	-31.623	-2.41	-0.125	0.
432	1.	SLU_ENV	Combination	Max	-21.806	-2.41	-0.125	0.
432	0.	SLU_ENV	Combination	Min	-62.687	-4.834	-0.65	0.
432	0.5	SLU_ENV	Combination	Min	-49.434	-4.834	-0.65	0.
432	1.	SLU_ENV	Combination	Min	-36.18	-4.834	-0.65	0.
432	0.	SLV_Ex	Combination		-53.141	-36.146	0.888	0.
432	0.5	SLV_Ex	Combination		-43.324	-36.146	0.888	0.
432	1.	SLV_Ex	Combination		-33.506	-36.146	0.888	0.
433	0.	SLU_ENV	Combination	Max	-63.26	-3.938	-0.171	0.
433	0.5	SLU_ENV	Combination	Max	-53.442	-3.938	-0.171	0.
433	1.	SLU_ENV	Combination	Max	-43.625	-3.938	-0.171	0.
433	0.	SLU_ENV	Combination	Min	-98.887	-7.899	-1.193	0.
433	0.5	SLU_ENV	Combination	Min	-85.634	-7.899	-1.193	0.
433	1.	SLU_ENV	Combination	Min	-72.38	-7.899	-1.193	0.
433	0.	SLV_Ex	Combination		-86.665	-65.822	1.593	0.
433	0.5	SLV_Ex	Combination		-76.848	-65.822	1.593	0.
433	1.	SLV_Ex	Combination		-67.03	-65.822	1.593	0.
434	0.	SLU_ENV	Combination	Max	-85.1	-4.569	-0.138	0.
434	0.5	SLU_ENV	Combination	Max	-75.283	-4.569	-0.138	0.
434	1.	SLU_ENV	Combination	Max	-65.465	-4.569	-0.138	0.
434	0.	SLU_ENV	Combination	Min	-135.122	-9.163	-1.623	0.
434	0.5	SLU_ENV	Combination	Min	-121.868	-9.163	-1.623	0.
434	1.	SLU_ENV	Combination	Min	-108.615	-9.163	-1.623	0.
434	0.	SLV_Ex	Combination		-120.22	-88.795	2.108	0.
434	0.5	SLV_Ex	Combination		-110.403	-88.795	2.108	0.
434	1.	SLV_Ex	Combination		-100.585	-88.795	2.108	0.
435	0.	SLU_ENV	Combination	Max	-106.971	-4.262	-0.024	0.
435	0.5	SLU_ENV	Combination	Max	-97.153	-4.262	-0.024	0.
435	1.	SLU_ENV	Combination	Max	-87.336	-4.262	-0.024	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
435	0.	SLU_ENV	Combination	Min	-171.406	-8.543	-1.93	0.
435	0.5	SLU_ENV	Combination	Min	-158.152	-8.543	-1.93	0.
435	1.	SLU_ENV	Combination	Min	-144.899	-8.543	-1.93	0.
435	0.	SLV_Ex	Combination		-153.82	-104.403	2.418	0.
435	0.5	SLV_Ex	Combination		-144.003	-104.403	2.418	0.
435	1.	SLV_Ex	Combination		-134.185	-104.403	2.418	0.
436	0.	SLU_ENV	Combination	Max	-128.881	-2.946	0.174	0.
436	0.5	SLU_ENV	Combination	Max	-119.064	-2.946	0.174	0.
436	1.	SLU_ENV	Combination	Max	-109.246	-2.946	0.174	0.
436	0.	SLU_ENV	Combination	Min	-207.754	-5.898	-2.089	0.
436	0.5	SLU_ENV	Combination	Min	-194.5	-5.898	-2.089	0.
436	1.	SLU_ENV	Combination	Min	-181.247	-5.898	-2.089	0.
436	0.	SLV_Ex	Combination		-187.478	-111.411	2.494	0.
436	0.5	SLV_Ex	Combination		-177.661	-111.411	2.494	0.
436	1.	SLV_Ex	Combination		-167.843	-111.411	2.494	0.
437	0.	SLU_ENV	Combination	Max	-150.84	-0.522	0.459	0.
437	0.5	SLU_ENV	Combination	Max	-141.022	-0.522	0.459	0.
437	1.	SLU_ENV	Combination	Max	-131.205	-0.522	0.459	0.
437	0.	SLU_ENV	Combination	Min	-244.181	-1.03	-2.067	0.
437	0.5	SLU_ENV	Combination	Min	-230.927	-1.03	-2.067	0.
437	1.	SLU_ENV	Combination	Min	-217.673	-1.03	-2.067	0.
437	0.	SLV_Ex	Combination		-221.208	-107.907	2.289	0.
437	0.5	SLV_Ex	Combination		-211.391	-107.907	2.289	0.
437	1.	SLV_Ex	Combination		-201.573	-107.907	2.289	0.
438	0.	SLU_ENV	Combination	Max	-172.855	6.295	0.833	0.
438	0.5	SLU_ENV	Combination	Max	-163.038	6.295	0.833	0.
438	1.	SLU_ENV	Combination	Max	-153.22	6.295	0.833	0.
438	0.	SLU_ENV	Combination	Min	-280.701	3.126	-1.816	0.
438	0.5	SLU_ENV	Combination	Min	-267.447	3.126	-1.816	0.
438	1.	SLU_ENV	Combination	Min	-254.194	3.126	-1.816	0.
438	0.	SLV_Ex	Combination		-255.024	-91.257	1.742	0.
438	0.5	SLV_Ex	Combination		-245.206	-91.257	1.742	0.
438	1.	SLV_Ex	Combination		-235.389	-91.257	1.742	0.
439	0.	SLU_ENV	Combination	Max	-194.937	16.32	1.295	0.
439	0.5	SLU_ENV	Combination	Max	-185.119	16.32	1.295	0.
439	1.	SLU_ENV	Combination	Max	-175.302	16.32	1.295	0.
439	0.	SLU_ENV	Combination	Min	-317.329	8.119	-1.272	0.
439	0.5	SLU_ENV	Combination	Min	-304.076	8.119	-1.272	0.
439	1.	SLU_ENV	Combination	Min	-290.822	8.119	-1.272	0.
439	0.	SLV_Ex	Combination		-288.939	-58.127	0.777	0.
439	0.5	SLV_Ex	Combination		-279.121	-58.127	0.777	0.
439	1.	SLV_Ex	Combination		-269.304	-58.127	0.777	0.
440	0.	SLU_ENV	Combination	Max	-217.093	29.247	1.838	0.
440	0.5	SLU_ENV	Combination	Max	-207.276	29.247	1.838	0.
440	1.	SLU_ENV	Combination	Max	-197.458	29.247	1.838	0.
440	0.	SLU_ENV	Combination	Min	-354.081	14.559	-0.362	0.
440	0.5	SLU_ENV	Combination	Min	-340.827	14.559	-0.362	0.
440	1.	SLU_ENV	Combination	Min	-327.574	14.559	-0.362	0.
440	0.	SLV_Ex	Combination		-322.967	-4.595	-0.694	0.
440	0.5	SLV_Ex	Combination		-313.149	-4.595	-0.694	0.
440	1.	SLV_Ex	Combination		-303.332	-4.595	-0.694	0.
441	0.	SLU_ENV	Combination	Max	-239.334	45.17	2.777	0.
441	0.5	SLU_ENV	Combination	Max	-229.516	45.17	2.777	0.
441	1.	SLU_ENV	Combination	Max	-219.699	45.17	2.777	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
441	0.	SLU_ENV	Combination	Min	-390.971	22.493	0.664	0.
441	0.5	SLU_ENV	Combination	Min	-377.717	22.493	0.664	0.
441	1.	SLU_ENV	Combination	Min	-364.464	22.493	0.664	0.
441	0.	SLV_Ex	Combination		-357.121	73.641	-2.764	0.
441	0.5	SLV_Ex	Combination		-347.304	73.641	-2.764	0.
441	1.	SLV_Ex	Combination		-337.486	73.641	-2.764	0.
442	0.	SLU_ENV	Combination	Max	-261.667	63.996	4.066	0.
442	0.5	SLU_ENV	Combination	Max	-251.849	63.996	4.066	0.
442	1.	SLU_ENV	Combination	Max	-242.032	63.996	4.066	0.
442	0.	SLU_ENV	Combination	Min	-428.013	31.875	1.913	0.
442	0.5	SLU_ENV	Combination	Min	-414.76	31.875	1.913	0.
442	1.	SLU_ENV	Combination	Min	-401.506	31.875	1.913	0.
442	0.	SLV_Ex	Combination		-391.417	180.912	-5.52	-2.842E-14
442	0.5	SLV_Ex	Combination		-381.599	180.912	-5.52	-2.842E-14
442	1.	SLV_Ex	Combination		-371.782	180.912	-5.52	-2.842E-14
443	0.	SLU_ENV	Combination	Max	-284.102	85.339	5.558	-2.220E-16
443	0.5	SLU_ENV	Combination	Max	-274.285	85.339	5.558	-2.220E-16
443	1.	SLU_ENV	Combination	Max	-264.467	85.339	5.558	-2.220E-16
443	0.	SLU_ENV	Combination	Min	-465.224	42.512	3.564	-6.007E-16
443	0.5	SLU_ENV	Combination	Min	-451.97	42.512	3.564	-6.007E-16
443	1.	SLU_ENV	Combination	Min	-438.717	42.512	3.564	-6.007E-16
443	0.	SLV_Ex	Combination		-425.866	321.07	-9.033	-2.229E-16
443	0.5	SLV_Ex	Combination		-416.049	321.07	-9.033	-2.229E-16
443	1.	SLV_Ex	Combination		-406.231	321.07	-9.033	-2.229E-16
444	0.	SLU_ENV	Combination	Max	-264.467	85.339	5.558	0.
444	0.5	SLU_ENV	Combination	Max	-254.65	85.339	5.558	0.
444	1.	SLU_ENV	Combination	Max	-244.832	85.339	5.558	0.
444	0.	SLU_ENV	Combination	Min	-438.717	42.512	3.564	-5.855E-19
444	0.5	SLU_ENV	Combination	Min	-425.463	42.512	3.564	-5.855E-19
444	1.	SLU_ENV	Combination	Min	-412.209	42.512	3.564	-5.855E-19
444	0.	SLV_Ex	Combination		-406.231	321.07	-9.033	-2.842E-14
444	0.5	SLV_Ex	Combination		-396.414	315.493	-9.033	-2.842E-14
444	1.	SLV_Ex	Combination		-386.596	309.917	-9.033	-2.842E-14
445	0.	SLU_ENV	Combination	Max	-244.832	85.339	5.558	0.
445	0.5	SLU_ENV	Combination	Max	-235.015	85.339	5.558	0.
445	1.	SLU_ENV	Combination	Max	-225.197	85.339	5.558	0.
445	0.	SLU_ENV	Combination	Min	-412.209	42.512	3.564	-3.003E-16
445	0.5	SLU_ENV	Combination	Min	-398.956	42.512	3.564	-3.003E-16
445	1.	SLU_ENV	Combination	Min	-385.702	42.512	3.564	-3.003E-16
445	0.	SLV_Ex	Combination		-386.596	309.917	-9.033	-5.684E-14
445	0.5	SLV_Ex	Combination		-376.779	304.341	-9.033	-5.684E-14
445	1.	SLV_Ex	Combination		-366.962	298.764	-9.033	-5.684E-14
446	0.	SLU_ENV	Combination	Max	-225.197	85.339	5.558	-2.220E-16
446	0.5	SLU_ENV	Combination	Max	-215.38	85.339	5.558	-2.220E-16
446	1.	SLU_ENV	Combination	Max	-205.562	85.339	5.558	-2.220E-16
446	0.	SLU_ENV	Combination	Min	-385.702	42.512	3.564	-3.003E-16
446	0.5	SLU_ENV	Combination	Min	-372.449	42.512	3.564	-3.003E-16
446	1.	SLU_ENV	Combination	Min	-359.195	42.512	3.564	-3.003E-16
446	0.	SLV_Ex	Combination		-366.962	298.764	-9.033	-2.864E-14
446	0.5	SLV_Ex	Combination		-357.144	293.188	-9.033	-2.864E-14
446	1.	SLV_Ex	Combination		-347.327	287.612	-9.033	-2.864E-14
447	0.	SLU_ENV	Combination	Max	-205.562	85.339	5.558	-2.220E-16
447	0.5	SLU_ENV	Combination	Max	-195.745	85.339	5.558	-2.220E-16
447	1.	SLU_ENV	Combination	Max	-185.927	85.339	5.558	-2.220E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
447	0.	SLU_ENV	Combination	Min	-359.195	42.512	3.564	-6.001E-16
447	0.5	SLU_ENV	Combination	Min	-345.941	42.512	3.564	-6.001E-16
447	1.	SLU_ENV	Combination	Min	-332.688	42.512	3.564	-6.001E-16
447	0.	SLV_Ex	Combination		-347.327	287.612	-9.033	-2.225E-16
447	0.5	SLV_Ex	Combination		-337.509	282.035	-9.033	-2.225E-16
447	1.	SLV_Ex	Combination		-327.692	276.459	-9.033	-2.225E-16
448	0.	SLU_ENV	Combination	Max	-185.93	85.322	5.558	-5.890E-04
448	0.5	SLU_ENV	Combination	Max	-176.112	85.323	5.558	-5.890E-04
448	1.	SLU_ENV	Combination	Max	-166.295	85.324	5.558	-5.890E-04
448	0.	SLU_ENV	Combination	Min	-332.692	42.502	3.564	-0.0017
448	0.5	SLU_ENV	Combination	Min	-319.439	42.503	3.564	-0.0017
448	1.	SLU_ENV	Combination	Min	-306.185	42.503	3.564	-0.0017
448	0.	SLV_Ex	Combination		-327.705	276.443	-9.033	0.002
448	0.5	SLV_Ex	Combination		-317.888	270.867	-9.033	0.002
448	1.	SLV_Ex	Combination		-308.07	265.291	-9.033	0.002
449	0.	SLU_ENV	Combination	Max	-41.63	-2.445	-0.161	0.
449	0.5	SLU_ENV	Combination	Max	-31.812	-2.445	-0.161	0.
449	1.	SLU_ENV	Combination	Max	-21.995	-2.445	-0.161	0.
449	0.	SLU_ENV	Combination	Min	-61.874	-4.737	-0.679	0.
449	0.5	SLU_ENV	Combination	Min	-48.62	-4.737	-0.679	0.
449	1.	SLU_ENV	Combination	Min	-35.367	-4.737	-0.679	0.
449	0.	SLV_Ex	Combination		-53.009	-36.295	0.734	0.
449	0.5	SLV_Ex	Combination		-43.192	-36.295	0.734	0.
449	1.	SLV_Ex	Combination		-33.374	-36.295	0.734	0.
450	0.	SLU_ENV	Combination	Max	-63.638	-3.995	-0.23	0.
450	0.5	SLU_ENV	Combination	Max	-53.82	-3.995	-0.23	0.
450	1.	SLU_ENV	Combination	Max	-44.003	-3.995	-0.23	0.
450	0.	SLU_ENV	Combination	Min	-97.26	-7.741	-1.239	0.
450	0.5	SLU_ENV	Combination	Min	-84.007	-7.741	-1.239	0.
450	1.	SLU_ENV	Combination	Min	-70.753	-7.741	-1.239	0.
450	0.	SLV_Ex	Combination		-86.401	-66.099	1.34	0.
450	0.5	SLV_Ex	Combination		-76.583	-66.099	1.34	0.
450	1.	SLV_Ex	Combination		-66.766	-66.099	1.34	0.
451	0.	SLU_ENV	Combination	Max	-85.667	-4.636	-0.207	0.
451	0.5	SLU_ENV	Combination	Max	-75.85	-4.636	-0.207	0.
451	1.	SLU_ENV	Combination	Max	-66.032	-4.636	-0.207	0.
451	0.	SLU_ENV	Combination	Min	-132.68	-8.981	-1.677	0.
451	0.5	SLU_ENV	Combination	Min	-119.427	-8.981	-1.677	0.
451	1.	SLU_ENV	Combination	Min	-106.173	-8.981	-1.677	0.
451	0.	SLV_Ex	Combination		-119.824	-89.177	1.815	0.
451	0.5	SLV_Ex	Combination		-110.006	-89.177	1.815	0.
451	1.	SLV_Ex	Combination		-100.189	-89.177	1.815	0.
452	0.	SLU_ENV	Combination	Max	-107.727	-4.325	-0.088	0.
452	0.5	SLU_ENV	Combination	Max	-97.91	-4.325	-0.088	0.
452	1.	SLU_ENV	Combination	Max	-88.092	-4.325	-0.088	0.
452	0.	SLU_ENV	Combination	Min	-168.149	-8.375	-1.98	0.
452	0.5	SLU_ENV	Combination	Min	-154.896	-8.375	-1.98	0.
452	1.	SLU_ENV	Combination	Min	-141.642	-8.375	-1.98	0.
452	0.	SLV_Ex	Combination		-153.291	-104.866	2.143	0.
452	0.5	SLV_Ex	Combination		-143.473	-104.866	2.143	0.
452	1.	SLV_Ex	Combination		-133.656	-104.866	2.143	0.
453	0.	SLU_ENV	Combination	Max	-129.827	-2.99	0.129	0.
453	0.5	SLU_ENV	Combination	Max	-120.01	-2.99	0.129	0.
453	1.	SLU_ENV	Combination	Max	-110.192	-2.99	0.129	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
453	0.	SLU_ENV	Combination	Min	-203.681	-5.786	-2.124	0.
453	0.5	SLU_ENV	Combination	Min	-190.427	-5.786	-2.124	0.
453	1.	SLU_ENV	Combination	Min	-177.173	-5.786	-2.124	0.
453	0.	SLV_Ex	Combination		-186.816	-111.924	2.3	0.
453	0.5	SLV_Ex	Combination		-176.999	-111.924	2.3	0.
453	1.	SLV_Ex	Combination		-167.181	-111.924	2.3	0.
454	0.	SLU_ENV	Combination	Max	-151.976	-0.533	0.451	0.
454	0.5	SLU_ENV	Combination	Max	-142.158	-0.533	0.451	0.
454	1.	SLU_ENV	Combination	Max	-132.341	-0.533	0.451	0.
454	0.	SLU_ENV	Combination	Min	-239.289	-1.02	-2.075	0.
454	0.5	SLU_ENV	Combination	Min	-226.036	-1.02	-2.075	0.
454	1.	SLU_ENV	Combination	Min	-212.782	-1.02	-2.075	0.
454	0.	SLV_Ex	Combination		-220.413	-108.432	2.247	0.
454	0.5	SLV_Ex	Combination		-210.596	-108.432	2.247	0.
454	1.	SLV_Ex	Combination		-200.778	-108.432	2.247	0.
455	0.	SLU_ENV	Combination	Max	-174.182	6.154	0.879	0.
455	0.5	SLU_ENV	Combination	Max	-164.364	6.154	0.879	0.
455	1.	SLU_ENV	Combination	Max	-154.547	6.154	0.879	0.
455	0.	SLU_ENV	Combination	Min	-274.989	3.167	-1.781	0.
455	0.5	SLU_ENV	Combination	Min	-261.736	3.167	-1.781	0.
455	1.	SLU_ENV	Combination	Min	-248.482	3.167	-1.781	0.
455	0.	SLV_Ex	Combination		-254.095	-91.743	1.93	0.
455	0.5	SLV_Ex	Combination		-244.278	-91.743	1.93	0.
455	1.	SLV_Ex	Combination		-234.46	-91.743	1.93	0.
456	0.	SLU_ENV	Combination	Max	-196.454	15.974	1.415	0.
456	0.5	SLU_ENV	Combination	Max	-186.637	15.974	1.415	0.
456	1.	SLU_ENV	Combination	Max	-176.82	15.974	1.415	0.
456	0.	SLU_ENV	Combination	Min	-310.795	8.232	-1.179	0.
456	0.5	SLU_ENV	Combination	Min	-297.542	8.232	-1.179	0.
456	1.	SLU_ENV	Combination	Min	-284.288	8.232	-1.179	0.
456	0.	SLV_Ex	Combination		-287.876	-58.51	1.28	0.
456	0.5	SLV_Ex	Combination		-278.059	-58.51	1.28	0.
456	1.	SLV_Ex	Combination		-268.241	-58.51	1.28	0.
457	0.	SLU_ENV	Combination	Max	-218.803	28.637	2.054	0.
457	0.5	SLU_ENV	Combination	Max	-208.985	28.637	2.054	0.
457	1.	SLU_ENV	Combination	Max	-199.168	28.637	2.054	0.
457	0.	SLU_ENV	Combination	Min	-346.722	14.764	-0.195	0.
457	0.5	SLU_ENV	Combination	Min	-333.468	14.764	-0.195	0.
457	1.	SLU_ENV	Combination	Min	-320.214	14.764	-0.195	0.
457	0.	SLV_Ex	Combination		-321.77	-4.79	0.217	0.
457	0.5	SLV_Ex	Combination		-311.953	-4.79	0.217	0.
457	1.	SLV_Ex	Combination		-302.135	-4.79	0.217	0.
458	0.	SLU_ENV	Combination	Max	-241.235	44.236	3.202	0.
458	0.5	SLU_ENV	Combination	Max	-231.418	44.236	3.202	0.
458	1.	SLU_ENV	Combination	Max	-221.6	44.236	3.202	0.
458	0.	SLU_ENV	Combination	Min	-382.783	22.812	0.834	0.
458	0.5	SLU_ENV	Combination	Min	-369.529	22.812	0.834	0.
458	1.	SLU_ENV	Combination	Min	-356.276	22.812	0.834	0.
458	0.	SLV_Ex	Combination		-355.79	73.736	-1.349	0.
458	0.5	SLV_Ex	Combination		-345.973	73.736	-1.349	0.
458	1.	SLV_Ex	Combination		-336.155	73.736	-1.349	0.
459	0.	SLU_ENV	Combination	Max	-263.762	62.681	4.668	-2.220E-16
459	0.5	SLU_ENV	Combination	Max	-253.944	62.681	4.668	-2.220E-16
459	1.	SLU_ENV	Combination	Max	-244.127	62.681	4.668	-2.220E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
459	0.	SLU_ENV	Combination	Min	-418.994	32.329	2.155	-2.974E-16
459	0.5	SLU_ENV	Combination	Min	-405.741	32.329	2.155	-2.974E-16
459	1.	SLU_ENV	Combination	Min	-392.487	32.329	2.155	-2.974E-16
459	0.	SLV_Ex	Combination		-389.95	181.423	-3.509	-2.864E-14
459	0.5	SLV_Ex	Combination		-380.133	181.423	-3.509	-2.864E-14
459	1.	SLV_Ex	Combination		-370.315	181.423	-3.509	-2.864E-14
460	0.	SLU_ENV	Combination	Max	-286.391	83.593	6.362	0.
460	0.5	SLU_ENV	Combination	Max	-276.574	83.593	6.362	0.
460	1.	SLU_ENV	Combination	Max	-266.756	83.593	6.362	0.
460	0.	SLU_ENV	Combination	Min	-455.37	43.12	3.887	0.
460	0.5	SLU_ENV	Combination	Min	-442.116	43.12	3.887	0.
460	1.	SLU_ENV	Combination	Min	-428.862	43.12	3.887	0.
460	0.	SLV_Ex	Combination		-424.264	322.144	-6.345	0.
460	0.5	SLV_Ex	Combination		-414.447	322.144	-6.345	0.
460	1.	SLV_Ex	Combination		-404.629	322.144	-6.345	0.
461	0.	SLU_ENV	Combination	Max	-266.756	83.593	6.362	-4.441E-16
461	0.5	SLU_ENV	Combination	Max	-256.939	83.593	6.362	-4.441E-16
461	1.	SLU_ENV	Combination	Max	-247.121	83.593	6.362	-4.441E-16
461	0.	SLU_ENV	Combination	Min	-428.862	43.12	3.887	-1.199E-15
461	0.5	SLU_ENV	Combination	Min	-415.609	43.12	3.887	-1.199E-15
461	1.	SLU_ENV	Combination	Min	-402.355	43.12	3.887	-1.199E-15
461	0.	SLV_Ex	Combination		-404.629	322.144	-6.345	-4.441E-16
461	0.5	SLV_Ex	Combination		-394.812	316.567	-6.345	-4.441E-16
461	1.	SLV_Ex	Combination		-384.994	310.991	-6.345	-4.441E-16
462	0.	SLU_ENV	Combination	Max	-247.121	83.593	6.362	-2.220E-16
462	0.5	SLU_ENV	Combination	Max	-237.304	83.593	6.362	-2.220E-16
462	1.	SLU_ENV	Combination	Max	-227.486	83.593	6.362	-2.220E-16
462	0.	SLU_ENV	Combination	Min	-402.355	43.12	3.887	-2.974E-16
462	0.5	SLU_ENV	Combination	Min	-389.102	43.12	3.887	-2.974E-16
462	1.	SLU_ENV	Combination	Min	-375.848	43.12	3.887	-2.974E-16
462	0.	SLV_Ex	Combination		-384.994	310.991	-6.345	-2.203E-16
462	0.5	SLV_Ex	Combination		-375.177	305.415	-6.345	-2.203E-16
462	1.	SLV_Ex	Combination		-365.359	299.838	-6.345	-2.203E-16
463	0.	SLU_ENV	Combination	Max	-227.486	83.593	6.362	-2.220E-16
463	0.5	SLU_ENV	Combination	Max	-217.669	83.593	6.362	-2.220E-16
463	1.	SLU_ENV	Combination	Max	-207.851	83.593	6.362	-2.220E-16
463	0.	SLU_ENV	Combination	Min	-375.848	43.12	3.887	-8.969E-16
463	0.5	SLU_ENV	Combination	Min	-362.594	43.12	3.887	-8.969E-16
463	1.	SLU_ENV	Combination	Min	-349.341	43.12	3.887	-8.969E-16
463	0.	SLV_Ex	Combination		-365.359	299.838	-6.345	-2.864E-14
463	0.5	SLV_Ex	Combination		-355.542	294.262	-6.345	-2.864E-14
463	1.	SLV_Ex	Combination		-345.725	288.686	-6.345	-2.864E-14
464	0.	SLU_ENV	Combination	Max	-207.851	83.593	6.362	2.342E-18
464	0.5	SLU_ENV	Combination	Max	-198.034	83.593	6.362	2.342E-18
464	1.	SLU_ENV	Combination	Max	-188.216	83.593	6.362	2.342E-18
464	0.	SLU_ENV	Combination	Min	-349.341	43.12	3.887	0.
464	0.5	SLU_ENV	Combination	Min	-336.087	43.12	3.887	0.
464	1.	SLU_ENV	Combination	Min	-322.834	43.12	3.887	0.
464	0.	SLV_Ex	Combination		-345.725	288.686	-6.345	1.735E-18
464	0.5	SLV_Ex	Combination		-335.907	283.109	-6.345	1.735E-18
464	1.	SLV_Ex	Combination		-326.09	277.533	-6.345	1.735E-18
465	0.	SLU_ENV	Combination	Max	-188.219	83.577	6.362	-6.923E-04
465	0.5	SLU_ENV	Combination	Max	-178.401	83.577	6.362	-6.923E-04
465	1.	SLU_ENV	Combination	Max	-168.584	83.578	6.362	-6.923E-04

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
465	0.	SLU_ENV	Combination	Min	-322.838	43.11	3.887	-0.002
465	0.5	SLU_ENV	Combination	Min	-309.584	43.111	3.887	-0.002
465	1.	SLU_ENV	Combination	Min	-296.331	43.111	3.887	-0.002
465	0.	SLV_Ex	Combination		-326.103	277.517	-6.345	0.0011
465	0.5	SLV_Ex	Combination		-316.286	271.941	-6.345	0.0011
465	1.	SLV_Ex	Combination		-306.468	266.365	-6.345	0.0011
466	0.	SLU_ENV	Combination	Max	-41.764	-2.481	-0.205	0.
466	0.5	SLU_ENV	Combination	Max	-31.947	-2.481	-0.205	0.
466	1.	SLU_ENV	Combination	Max	-22.129	-2.481	-0.205	0.
466	0.	SLU_ENV	Combination	Min	-60.914	-4.658	-0.703	0.
466	0.5	SLU_ENV	Combination	Min	-47.66	-4.658	-0.703	0.
466	1.	SLU_ENV	Combination	Min	-34.407	-4.658	-0.703	0.
466	0.	SLV_Ex	Combination		-52.391	-36.423	0.53	0.
466	0.5	SLV_Ex	Combination		-42.573	-36.423	0.53	0.
466	1.	SLV_Ex	Combination		-32.756	-36.423	0.53	0.
467	0.	SLU_ENV	Combination	Max	-63.906	-4.055	-0.302	0.
467	0.5	SLU_ENV	Combination	Max	-54.089	-4.055	-0.302	0.
467	1.	SLU_ENV	Combination	Max	-44.271	-4.055	-0.302	0.
467	0.	SLU_ENV	Combination	Min	-95.34	-7.612	-1.28	0.
467	0.5	SLU_ENV	Combination	Min	-82.087	-7.612	-1.28	0.
467	1.	SLU_ENV	Combination	Min	-68.833	-7.612	-1.28	0.
467	0.	SLV_Ex	Combination		-85.164	-66.342	1.007	0.
467	0.5	SLV_Ex	Combination		-75.346	-66.342	1.007	0.
467	1.	SLV_Ex	Combination		-65.529	-66.342	1.007	0.
468	0.	SLU_ENV	Combination	Max	-86.07	-4.706	-0.29	0.
468	0.5	SLU_ENV	Combination	Max	-76.253	-4.706	-0.29	0.
468	1.	SLU_ENV	Combination	Max	-66.435	-4.706	-0.29	0.
468	0.	SLU_ENV	Combination	Min	-129.8	-8.832	-1.724	0.
468	0.5	SLU_ENV	Combination	Min	-116.546	-8.832	-1.724	0.
468	1.	SLU_ENV	Combination	Min	-103.292	-8.832	-1.724	0.
468	0.	SLV_Ex	Combination		-117.967	-89.52	1.427	0.
468	0.5	SLV_Ex	Combination		-108.15	-89.52	1.427	0.
468	1.	SLV_Ex	Combination		-98.332	-89.52	1.427	0.
469	0.	SLU_ENV	Combination	Max	-108.265	-4.391	-0.166	0.
469	0.5	SLU_ENV	Combination	Max	-98.448	-4.391	-0.166	0.
469	1.	SLU_ENV	Combination	Max	-88.63	-4.391	-0.166	0.
469	0.	SLU_ENV	Combination	Min	-164.306	-8.239	-2.024	0.
469	0.5	SLU_ENV	Combination	Min	-151.052	-8.239	-2.024	0.
469	1.	SLU_ENV	Combination	Min	-137.799	-8.239	-2.024	0.
469	0.	SLV_Ex	Combination		-150.814	-105.291	1.779	0.
469	0.5	SLV_Ex	Combination		-140.997	-105.291	1.779	0.
469	1.	SLV_Ex	Combination		-131.18	-105.291	1.779	0.
470	0.	SLU_ENV	Combination	Max	-130.5	-3.037	0.075	0.
470	0.5	SLU_ENV	Combination	Max	-120.683	-3.037	0.075	0.
470	1.	SLU_ENV	Combination	Max	-110.865	-3.037	0.075	0.
470	0.	SLU_ENV	Combination	Min	-198.874	-5.696	-2.156	0.
470	0.5	SLU_ENV	Combination	Min	-185.62	-5.696	-2.156	0.
470	1.	SLU_ENV	Combination	Min	-172.367	-5.696	-2.156	0.
470	0.	SLV_Ex	Combination		-183.719	-112.409	2.045	0.
470	0.5	SLV_Ex	Combination		-173.901	-112.409	2.045	0.
470	1.	SLV_Ex	Combination		-164.084	-112.409	2.045	0.
471	0.	SLU_ENV	Combination	Max	-152.784	-0.543	0.44	0.
471	0.5	SLU_ENV	Combination	Max	-142.966	-0.543	0.44	0.
471	1.	SLU_ENV	Combination	Max	-133.149	-0.543	0.44	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
471	0.	SLU_ENV	Combination	Min	-233.517	-1.013	-2.081	0.
471	0.5	SLU_ENV	Combination	Min	-220.263	-1.013	-2.081	0.
471	1.	SLU_ENV	Combination	Min	-207.009	-1.013	-2.081	0.
471	0.	SLV_Ex	Combination		-216.694	-108.948	2.195	0.
471	0.5	SLV_Ex	Combination		-206.876	-108.948	2.195	0.
471	1.	SLV_Ex	Combination		-197.059	-108.948	2.195	0.
472	0.	SLU_ENV	Combination	Max	-175.125	6.038	0.935	0.
472	0.5	SLU_ENV	Combination	Max	-165.308	6.038	0.935	0.
472	1.	SLU_ENV	Combination	Max	-155.49	6.038	0.935	0.
472	0.	SLU_ENV	Combination	Min	-268.249	3.211	-1.75	0.
472	0.5	SLU_ENV	Combination	Min	-254.995	3.211	-1.75	0.
472	1.	SLU_ENV	Combination	Min	-241.742	3.211	-1.75	0.
472	0.	SLV_Ex	Combination		-249.752	-92.251	2.183	2.842E-14
472	0.5	SLV_Ex	Combination		-239.935	-92.251	2.183	2.842E-14
472	1.	SLV_Ex	Combination		-230.117	-92.251	2.183	2.842E-14
473	0.	SLU_ENV	Combination	Max	-197.534	15.688	1.562	0.
473	0.5	SLU_ENV	Combination	Max	-187.716	15.688	1.562	0.
473	1.	SLU_ENV	Combination	Max	-177.899	15.688	1.562	0.
473	0.	SLU_ENV	Combination	Min	-303.084	8.351	-1.098	0.
473	0.5	SLU_ENV	Combination	Min	-289.83	8.351	-1.098	0.
473	1.	SLU_ENV	Combination	Min	-276.577	8.351	-1.098	0.
473	0.	SLV_Ex	Combination		-282.908	-58.956	1.952	0.
473	0.5	SLV_Ex	Combination		-273.09	-58.956	1.952	0.
473	1.	SLV_Ex	Combination		-263.273	-58.956	1.952	0.
474	0.	SLU_ENV	Combination	Max	-220.018	28.134	2.318	0.
474	0.5	SLU_ENV	Combination	Max	-210.201	28.134	2.318	0.
474	1.	SLU_ENV	Combination	Max	-200.383	28.134	2.318	0.
474	0.	SLU_ENV	Combination	Min	-338.037	14.98	-0.048	0.
474	0.5	SLU_ENV	Combination	Min	-324.783	14.98	-0.048	0.
474	1.	SLU_ENV	Combination	Min	-311.529	14.98	-0.048	0.
474	0.	SLV_Ex	Combination		-316.174	-5.104	1.43	0.
474	0.5	SLV_Ex	Combination		-306.357	-5.104	1.43	0.
474	1.	SLV_Ex	Combination		-296.539	-5.104	1.43	0.
475	0.	SLU_ENV	Combination	Max	-242.588	43.467	3.692	0.
475	0.5	SLU_ENV	Combination	Max	-232.77	43.467	3.692	0.
475	1.	SLU_ENV	Combination	Max	-222.953	43.467	3.692	0.
475	0.	SLU_ENV	Combination	Min	-373.121	23.147	0.981	-2.998E-16
475	0.5	SLU_ENV	Combination	Min	-359.867	23.147	0.981	-2.998E-16
475	1.	SLU_ENV	Combination	Min	-346.614	23.147	0.981	-2.998E-16
475	0.	SLV_Ex	Combination		-349.564	73.645	0.531	0.
475	0.5	SLV_Ex	Combination		-339.747	73.645	0.531	0.
475	1.	SLV_Ex	Combination		-329.929	73.645	0.531	0.
476	0.	SLU_ENV	Combination	Max	-265.252	61.598	5.363	4.684E-18
476	0.5	SLU_ENV	Combination	Max	-255.434	61.598	5.363	4.684E-18
476	1.	SLU_ENV	Combination	Max	-245.617	61.598	5.363	4.684E-18
476	0.	SLU_ENV	Combination	Min	-408.351	32.805	2.363	0.
476	0.5	SLU_ENV	Combination	Min	-395.097	32.805	2.363	0.
476	1.	SLU_ENV	Combination	Min	-381.843	32.805	2.363	0.
476	0.	SLV_Ex	Combination		-383.092	181.668	-0.839	3.469E-18
476	0.5	SLV_Ex	Combination		-373.275	181.668	-0.839	3.469E-18
476	1.	SLV_Ex	Combination		-363.457	181.668	-0.839	3.469E-18
477	0.	SLU_ENV	Combination	Max	-288.019	82.157	7.29	0.
477	0.5	SLU_ENV	Combination	Max	-278.201	82.157	7.29	0.
477	1.	SLU_ENV	Combination	Max	-268.384	82.157	7.29	0.



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
477	0.	SLU_ENV	Combination	Min	-443.74	43.757	4.166	0.
477	0.5	SLU_ENV	Combination	Min	-430.487	43.757	4.166	0.
477	1.	SLU_ENV	Combination	Min	-417.233	43.757	4.166	0.
477	0.	SLV_Ex	Combination		-416.771	322.86	-2.777	-2.842E-14
477	0.5	SLV_Ex	Combination		-406.954	322.86	-2.777	-2.842E-14
477	1.	SLV_Ex	Combination		-397.136	322.86	-2.777	-2.842E-14
478	0.	SLU_ENV	Combination	Max	-268.384	82.157	7.29	2.998E-16
478	0.5	SLU_ENV	Combination	Max	-258.566	82.157	7.29	2.998E-16
478	1.	SLU_ENV	Combination	Max	-248.749	82.157	7.29	2.998E-16
478	0.	SLU_ENV	Combination	Min	-417.233	43.757	4.166	0.
478	0.5	SLU_ENV	Combination	Min	-403.98	43.757	4.166	0.
478	1.	SLU_ENV	Combination	Min	-390.726	43.757	4.166	0.
478	0.	SLV_Ex	Combination		-397.136	322.86	-2.777	-2.842E-14
478	0.5	SLV_Ex	Combination		-387.319	317.284	-2.777	-2.842E-14
478	1.	SLV_Ex	Combination		-377.501	311.707	-2.777	-2.842E-14
479	0.	SLU_ENV	Combination	Max	-248.749	82.157	7.29	0.
479	0.5	SLU_ENV	Combination	Max	-238.931	82.157	7.29	0.
479	1.	SLU_ENV	Combination	Max	-229.114	82.157	7.29	0.
479	0.	SLU_ENV	Combination	Min	-390.726	43.757	4.166	0.
479	0.5	SLU_ENV	Combination	Min	-377.472	43.757	4.166	0.
479	1.	SLU_ENV	Combination	Min	-364.219	43.757	4.166	0.
479	0.	SLV_Ex	Combination		-377.501	311.707	-2.777	0.
479	0.5	SLV_Ex	Combination		-367.684	306.131	-2.777	0.
479	1.	SLV_Ex	Combination		-357.866	300.555	-2.777	0.
480	0.	SLU_ENV	Combination	Max	-229.114	82.157	7.29	5.995E-16
480	0.5	SLU_ENV	Combination	Max	-219.296	82.157	7.29	5.995E-16
480	1.	SLU_ENV	Combination	Max	-209.479	82.157	7.29	5.995E-16
480	0.	SLU_ENV	Combination	Min	-364.219	43.757	4.166	4.441E-16
480	0.5	SLU_ENV	Combination	Min	-350.965	43.757	4.166	4.441E-16
480	1.	SLU_ENV	Combination	Min	-337.712	43.757	4.166	4.441E-16
480	0.	SLV_Ex	Combination		-357.866	300.555	-2.777	2.887E-14
480	0.5	SLV_Ex	Combination		-348.049	294.978	-2.777	2.887E-14
480	1.	SLV_Ex	Combination		-338.231	289.402	-2.777	2.887E-14
481	0.	SLU_ENV	Combination	Max	-209.479	82.157	7.29	6.042E-16
481	0.5	SLU_ENV	Combination	Max	-199.661	82.157	7.29	6.042E-16
481	1.	SLU_ENV	Combination	Max	-189.844	82.157	7.29	6.042E-16
481	0.	SLU_ENV	Combination	Min	-337.712	43.757	4.166	4.441E-16
481	0.5	SLU_ENV	Combination	Min	-324.458	43.757	4.166	4.441E-16
481	1.	SLU_ENV	Combination	Min	-311.204	43.757	4.166	4.441E-16
481	0.	SLV_Ex	Combination		-338.231	289.402	-2.777	2.887E-14
481	0.5	SLV_Ex	Combination		-328.414	283.826	-2.777	2.887E-14
481	1.	SLV_Ex	Combination		-318.596	278.249	-2.777	2.887E-14
482	0.	SLU_ENV	Combination	Max	-189.846	82.141	7.29	-7.815E-04
482	0.5	SLU_ENV	Combination	Max	-180.029	82.142	7.29	-7.815E-04
482	1.	SLU_ENV	Combination	Max	-170.211	82.143	7.29	-7.815E-04
482	0.	SLU_ENV	Combination	Min	-311.209	43.748	4.166	-0.0023
482	0.5	SLU_ENV	Combination	Min	-297.955	43.748	4.166	-0.0023
482	1.	SLU_ENV	Combination	Min	-284.701	43.749	4.166	-0.0023
482	0.	SLV_Ex	Combination		-318.61	278.233	-2.777	-1.772E-05
482	0.5	SLV_Ex	Combination		-308.793	272.658	-2.777	-1.772E-05
482	1.	SLV_Ex	Combination		-298.975	267.082	-2.777	-1.772E-05
483	0.	SLU_ENV	Combination	Max	-41.857	-2.469	-0.243	0.
483	0.5	SLU_ENV	Combination	Max	-32.039	-2.469	-0.243	0.
483	1.	SLU_ENV	Combination	Max	-22.222	-2.469	-0.243	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
483	0.	SLU_ENV	Combination	Min	-59.796	-4.511	-0.705	0.
483	0.5	SLU_ENV	Combination	Min	-46.543	-4.511	-0.705	0.
483	1.	SLU_ENV	Combination	Min	-33.289	-4.511	-0.705	0.
483	0.	SLV_Ex	Combination		-51.22	-36.31	0.341	0.
483	0.5	SLV_Ex	Combination		-41.402	-36.31	0.341	0.
483	1.	SLV_Ex	Combination		-31.585	-36.31	0.341	0.
484	0.	SLU_ENV	Combination	Max	-64.092	-4.035	-0.364	0.
484	0.5	SLU_ENV	Combination	Max	-54.274	-4.035	-0.364	0.
484	1.	SLU_ENV	Combination	Max	-44.457	-4.035	-0.364	0.
484	0.	SLU_ENV	Combination	Min	-93.104	-7.373	-1.282	0.
484	0.5	SLU_ENV	Combination	Min	-79.85	-7.373	-1.282	0.
484	1.	SLU_ENV	Combination	Min	-66.597	-7.373	-1.282	0.
484	0.	SLV_Ex	Combination		-82.822	-66.19	0.697	0.
484	0.5	SLV_Ex	Combination		-73.004	-66.19	0.697	0.
484	1.	SLV_Ex	Combination		-63.187	-66.19	0.697	0.
485	0.	SLU_ENV	Combination	Max	-86.349	-4.682	-0.362	0.
485	0.5	SLU_ENV	Combination	Max	-76.531	-4.682	-0.362	0.
485	1.	SLU_ENV	Combination	Max	-66.714	-4.682	-0.362	0.
485	0.	SLU_ENV	Combination	Min	-126.444	-8.557	-1.727	0.
485	0.5	SLU_ENV	Combination	Min	-113.191	-8.557	-1.727	0.
485	1.	SLU_ENV	Combination	Min	-99.937	-8.557	-1.727	0.
485	0.	SLV_Ex	Combination		-114.453	-89.404	1.065	0.
485	0.5	SLV_Ex	Combination		-104.636	-89.404	1.065	0.
485	1.	SLV_Ex	Combination		-94.818	-89.404	1.065	0.
486	0.	SLU_ENV	Combination	Max	-108.637	-4.37	-0.234	0.
486	0.5	SLU_ENV	Combination	Max	-98.819	-4.37	-0.234	0.
486	1.	SLU_ENV	Combination	Max	-89.002	-4.37	-0.234	0.
486	0.	SLU_ENV	Combination	Min	-159.83	-7.985	-2.028	0.
486	0.5	SLU_ENV	Combination	Min	-146.577	-7.985	-2.028	0.
486	1.	SLU_ENV	Combination	Min	-133.323	-7.985	-2.028	0.
486	0.	SLV_Ex	Combination		-146.127	-105.288	1.439	0.
486	0.5	SLV_Ex	Combination		-136.309	-105.288	1.439	0.
486	1.	SLV_Ex	Combination		-126.492	-105.288	1.439	0.
487	0.	SLU_ENV	Combination	Max	-130.964	-3.024	0.028	0.
487	0.5	SLU_ENV	Combination	Max	-121.147	-3.024	0.028	0.
487	1.	SLU_ENV	Combination	Max	-111.33	-3.024	0.028	0.
487	0.	SLU_ENV	Combination	Min	-193.275	-5.525	-2.159	0.
487	0.5	SLU_ENV	Combination	Min	-180.022	-5.525	-2.159	0.
487	1.	SLU_ENV	Combination	Min	-166.768	-5.525	-2.159	0.
487	0.	SLV_Ex	Combination		-177.856	-112.599	1.805	0.
487	0.5	SLV_Ex	Combination		-168.038	-112.599	1.805	0.
487	1.	SLV_Ex	Combination		-158.221	-112.599	1.805	0.
488	0.	SLU_ENV	Combination	Max	-153.341	-0.544	0.431	0.
488	0.5	SLU_ENV	Combination	Max	-143.524	-0.544	0.431	0.
488	1.	SLU_ENV	Combination	Max	-133.706	-0.544	0.431	0.
488	0.	SLU_ENV	Combination	Min	-226.794	-0.992	-2.084	0.
488	0.5	SLU_ENV	Combination	Min	-213.54	-0.992	-2.084	0.
488	1.	SLU_ENV	Combination	Min	-200.286	-0.992	-2.084	0.
488	0.	SLV_Ex	Combination		-209.652	-109.413	2.14	0.
488	0.5	SLV_Ex	Combination		-199.835	-109.413	2.14	0.
488	1.	SLV_Ex	Combination		-190.017	-109.413	2.14	0.
489	0.	SLU_ENV	Combination	Max	-175.776	5.832	0.983	0.
489	0.5	SLU_ENV	Combination	Max	-165.959	5.832	0.983	0.
489	1.	SLU_ENV	Combination	Max	-156.142	5.832	0.983	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
489	0.	SLU_ENV	Combination	Min	-260.398	3.19	-1.752	0.
489	0.5	SLU_ENV	Combination	Min	-247.145	3.19	-1.752	0.
489	1.	SLU_ENV	Combination	Min	-233.891	3.19	-1.752	0.
489	0.	SLV_Ex	Combination		-241.53	-93.073	2.41	0.
489	0.5	SLV_Ex	Combination		-231.713	-93.073	2.41	0.
489	1.	SLV_Ex	Combination		-221.895	-93.073	2.41	0.
490	0.	SLU_ENV	Combination	Max	-198.279	15.175	1.688	0.
490	0.5	SLU_ENV	Combination	Max	-188.461	15.175	1.688	0.
490	1.	SLU_ENV	Combination	Max	-178.644	15.175	1.688	0.
490	0.	SLU_ENV	Combination	Min	-294.103	8.302	-1.098	0.
490	0.5	SLU_ENV	Combination	Min	-280.849	8.302	-1.098	0.
490	1.	SLU_ENV	Combination	Min	-267.596	8.302	-1.098	0.
490	0.	SLV_Ex	Combination		-273.502	-60.218	2.566	0.
490	0.5	SLV_Ex	Combination		-263.684	-60.218	2.566	0.
490	1.	SLV_Ex	Combination		-253.867	-60.218	2.566	0.
491	0.	SLU_ENV	Combination	Max	-220.857	27.225	2.544	0.
491	0.5	SLU_ENV	Combination	Max	-211.04	27.225	2.544	0.
491	1.	SLU_ENV	Combination	Max	-201.222	27.225	2.544	0.
491	0.	SLU_ENV	Combination	Min	-327.922	14.895	-0.046	0.
491	0.5	SLU_ENV	Combination	Min	-314.668	14.895	-0.046	0.
491	1.	SLU_ENV	Combination	Min	-301.414	14.895	-0.046	0.
491	0.	SLV_Ex	Combination		-305.58	-6.879	2.543	0.
491	0.5	SLV_Ex	Combination		-295.763	-6.879	2.543	0.
491	1.	SLV_Ex	Combination		-285.945	-6.879	2.543	0.
492	0.	SLU_ENV	Combination	Max	-243.521	42.072	4.044	0.
492	0.5	SLU_ENV	Combination	Max	-233.704	42.072	4.044	0.
492	1.	SLU_ENV	Combination	Max	-223.886	42.072	4.044	0.
492	0.	SLU_ENV	Combination	Min	-361.867	23.019	0.984	0.
492	0.5	SLU_ENV	Combination	Min	-348.614	23.019	0.984	0.
492	1.	SLU_ENV	Combination	Min	-335.36	23.019	0.984	0.
492	0.	SLV_Ex	Combination		-337.778	71.298	2.261	0.
492	0.5	SLV_Ex	Combination		-327.961	71.298	2.261	0.
492	1.	SLV_Ex	Combination		-318.143	71.298	2.261	0.
493	0.	SLU_ENV	Combination	Max	-266.28	59.63	5.864	-1.110E-16
493	0.5	SLU_ENV	Combination	Max	-256.462	59.63	5.864	-1.110E-16
493	1.	SLU_ENV	Combination	Max	-246.645	59.63	5.864	-1.110E-16
493	0.	SLU_ENV	Combination	Min	-395.954	32.626	2.368	-1.499E-16
493	0.5	SLU_ENV	Combination	Min	-382.701	32.626	2.368	-1.499E-16
493	1.	SLU_ENV	Combination	Min	-369.447	32.626	2.368	-1.499E-16
493	0.	SLV_Ex	Combination		-370.109	178.716	1.624	-2.853E-14
493	0.5	SLV_Ex	Combination		-360.292	178.716	1.624	-2.853E-14
493	1.	SLV_Ex	Combination		-350.474	178.716	1.624	-2.853E-14
494	0.	SLU_ENV	Combination	Max	-289.142	79.541	7.961	7.494E-17
494	0.5	SLU_ENV	Combination	Max	-279.325	79.541	7.961	7.494E-17
494	1.	SLU_ENV	Combination	Max	-269.507	79.541	7.961	7.494E-17
494	0.	SLU_ENV	Combination	Min	-430.196	43.521	4.174	-2.998E-16
494	0.5	SLU_ENV	Combination	Min	-416.943	43.521	4.174	-2.998E-16
494	1.	SLU_ENV	Combination	Min	-403.689	43.521	4.174	-2.998E-16
494	0.	SLV_Ex	Combination		-402.586	319.312	0.518	5.551E-17
494	0.5	SLV_Ex	Combination		-392.769	319.312	0.518	5.551E-17
494	1.	SLV_Ex	Combination		-382.951	319.312	0.518	5.551E-17
495	0.	SLU_ENV	Combination	Max	-269.507	79.541	7.961	0.
495	0.5	SLU_ENV	Combination	Max	-259.69	79.541	7.961	0.
495	1.	SLU_ENV	Combination	Max	-249.872	79.541	7.961	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
495	0.	SLU_ENV	Combination	Min	-403.689	43.521	4.174	-2.998E-16
495	0.5	SLU_ENV	Combination	Min	-390.436	43.521	4.174	-2.998E-16
495	1.	SLU_ENV	Combination	Min	-377.182	43.521	4.174	-2.998E-16
495	0.	SLV_Ex	Combination		-382.951	319.312	0.518	0.
495	0.5	SLV_Ex	Combination		-373.134	313.736	0.518	0.
495	1.	SLV_Ex	Combination		-363.316	308.16	0.518	0.
496	0.	SLU_ENV	Combination	Max	-249.872	79.541	7.961	-1.110E-16
496	0.5	SLU_ENV	Combination	Max	-240.055	79.541	7.961	-1.110E-16
496	1.	SLU_ENV	Combination	Max	-230.237	79.541	7.961	-1.110E-16
496	0.	SLU_ENV	Combination	Min	-377.182	43.521	4.174	-1.499E-16
496	0.5	SLU_ENV	Combination	Min	-363.928	43.521	4.174	-1.499E-16
496	1.	SLU_ENV	Combination	Min	-350.675	43.521	4.174	-1.499E-16
496	0.	SLV_Ex	Combination		-363.316	308.16	0.518	-1.110E-16
496	0.5	SLV_Ex	Combination		-353.499	302.583	0.518	-1.110E-16
496	1.	SLV_Ex	Combination		-343.681	297.007	0.518	-1.110E-16
497	0.	SLU_ENV	Combination	Max	-230.237	79.541	7.961	-2.220E-16
497	0.5	SLU_ENV	Combination	Max	-220.42	79.541	7.961	-2.220E-16
497	1.	SLU_ENV	Combination	Max	-210.603	79.541	7.961	-2.220E-16
497	0.	SLU_ENV	Combination	Min	-350.675	43.521	4.174	-5.621E-16
497	0.5	SLU_ENV	Combination	Min	-337.421	43.521	4.174	-5.621E-16
497	1.	SLU_ENV	Combination	Min	-324.168	43.521	4.174	-5.621E-16
497	0.	SLV_Ex	Combination		-343.681	297.007	0.518	-5.704E-14
497	0.5	SLV_Ex	Combination		-333.864	291.431	0.518	-5.704E-14
497	1.	SLV_Ex	Combination		-324.046	285.854	0.518	-5.704E-14
498	0.	SLU_ENV	Combination	Max	-210.603	79.541	7.961	-1.110E-16
498	0.5	SLU_ENV	Combination	Max	-200.785	79.541	7.961	-1.110E-16
498	1.	SLU_ENV	Combination	Max	-190.968	79.541	7.961	-1.110E-16
498	0.	SLU_ENV	Combination	Min	-324.168	43.521	4.174	-4.496E-16
498	0.5	SLU_ENV	Combination	Min	-310.914	43.521	4.174	-4.496E-16
498	1.	SLU_ENV	Combination	Min	-297.66	43.521	4.174	-4.496E-16
498	0.	SLV_Ex	Combination		-324.046	285.854	0.518	-1.110E-16
498	0.5	SLV_Ex	Combination		-314.229	280.278	0.518	-1.110E-16
498	1.	SLV_Ex	Combination		-304.411	274.702	0.518	-1.110E-16
499	0.	SLU_ENV	Combination	Max	-190.97	79.527	7.961	-7.833E-04
499	0.5	SLU_ENV	Combination	Max	-181.152	79.527	7.961	-7.833E-04
499	1.	SLU_ENV	Combination	Max	-171.335	79.528	7.961	-7.833E-04
499	0.	SLU_ENV	Combination	Min	-297.664	43.511	4.174	-0.0025
499	0.5	SLU_ENV	Combination	Min	-284.411	43.512	4.174	-0.0025
499	1.	SLU_ENV	Combination	Min	-271.157	43.512	4.174	-0.0025
499	0.	SLV_Ex	Combination		-304.425	274.687	0.518	-0.0011
499	0.5	SLV_Ex	Combination		-294.607	269.111	0.518	-0.0011
499	1.	SLV_Ex	Combination		-284.789	263.535	0.518	-0.0011
500	0.	SLU_ENV	Combination	Max	-40.604	-2.226	-0.309	0.
500	0.5	SLU_ENV	Combination	Max	-30.786	-2.226	-0.309	0.
500	1.	SLU_ENV	Combination	Max	-20.969	-2.226	-0.309	0.
500	0.	SLU_ENV	Combination	Min	-59.469	-3.957	-0.802	0.
500	0.5	SLU_ENV	Combination	Min	-46.215	-3.957	-0.802	0.
500	1.	SLU_ENV	Combination	Min	-32.962	-3.957	-0.802	0.
500	0.	SLV_Ex	Combination		-49.092	-35.195	-0.078	0.
500	0.5	SLV_Ex	Combination		-39.275	-35.195	-0.078	0.
500	1.	SLV_Ex	Combination		-29.457	-35.195	-0.078	0.
501	0.	SLU_ENV	Combination	Max	-61.585	-3.638	-0.472	0.
501	0.5	SLU_ENV	Combination	Max	-51.767	-3.638	-0.472	0.
501	1.	SLU_ENV	Combination	Max	-41.95	-3.638	-0.472	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
501	0.	SLU_ENV	Combination	Min	-92.45	-6.468	-1.441	0.
501	0.5	SLU_ENV	Combination	Min	-79.196	-6.468	-1.441	0.
501	1.	SLU_ENV	Combination	Min	-65.942	-6.468	-1.441	0.
501	0.	SLV_Ex	Combination		-78.566	-64.399	0.012	0.
501	0.5	SLV_Ex	Combination		-68.748	-64.399	0.012	0.
501	1.	SLV_Ex	Combination		-58.931	-64.399	0.012	0.
502	0.	SLU_ENV	Combination	Max	-82.587	-4.223	-0.488	0.
502	0.5	SLU_ENV	Combination	Max	-72.77	-4.223	-0.488	0.
502	1.	SLU_ENV	Combination	Max	-62.952	-4.223	-0.488	0.
502	0.	SLU_ENV	Combination	Min	-125.462	-7.508	-1.911	0.
502	0.5	SLU_ENV	Combination	Min	-112.209	-7.508	-1.911	0.
502	1.	SLU_ENV	Combination	Min	-98.955	-7.508	-1.911	0.
502	0.	SLV_Ex	Combination		-108.067	-87.383	0.269	0.
502	0.5	SLV_Ex	Combination		-98.249	-87.383	0.269	0.
502	1.	SLV_Ex	Combination		-88.432	-87.383	0.269	0.
503	0.	SLU_ENV	Combination	Max	-103.619	-3.941	-0.351	0.
503	0.5	SLU_ENV	Combination	Max	-93.801	-3.941	-0.351	0.
503	1.	SLU_ENV	Combination	Max	-83.984	-3.941	-0.351	0.
503	0.	SLU_ENV	Combination	Min	-158.52	-7.008	-2.199	0.
503	0.5	SLU_ENV	Combination	Min	-145.267	-7.008	-2.199	0.
503	1.	SLU_ENV	Combination	Min	-132.013	-7.008	-2.199	0.
503	0.	SLV_Ex	Combination		-137.607	-103.502	0.695	0.
503	0.5	SLV_Ex	Combination		-127.79	-103.502	0.695	0.
503	1.	SLV_Ex	Combination		-117.972	-103.502	0.695	0.
504	0.	SLU_ENV	Combination	Max	-124.688	-2.729	-0.053	0.
504	0.5	SLU_ENV	Combination	Max	-114.871	-2.729	-0.053	0.
504	1.	SLU_ENV	Combination	Max	-105.053	-2.729	-0.053	0.
504	0.	SLU_ENV	Combination	Min	-191.637	-4.853	-2.278	0.
504	0.5	SLU_ENV	Combination	Min	-178.384	-4.853	-2.278	0.
504	1.	SLU_ENV	Combination	Min	-165.13	-4.853	-2.278	0.
504	0.	SLV_Ex	Combination		-167.2	-111.546	1.288	0.
504	0.5	SLV_Ex	Combination		-157.383	-111.546	1.288	0.
504	1.	SLV_Ex	Combination		-147.565	-111.546	1.288	0.
505	0.	SLU_ENV	Combination	Max	-145.805	-0.494	0.416	0.
505	0.5	SLU_ENV	Combination	Max	-135.987	-0.494	0.416	0.
505	1.	SLU_ENV	Combination	Max	-126.17	-0.494	0.416	0.
505	0.	SLU_ENV	Combination	Min	-224.826	-0.882	-2.106	0.
505	0.5	SLU_ENV	Combination	Min	-211.573	-0.882	-2.106	0.
505	1.	SLU_ENV	Combination	Min	-198.319	-0.882	-2.106	0.
505	0.	SLV_Ex	Combination		-196.856	-109.632	2.042	0.
505	0.5	SLV_Ex	Combination		-187.039	-109.632	2.042	0.
505	1.	SLV_Ex	Combination		-177.221	-109.632	2.042	0.
506	0.	SLU_ENV	Combination	Max	-166.976	5.1	1.068	0.
506	0.5	SLU_ENV	Combination	Max	-157.158	5.1	1.068	0.
506	1.	SLU_ENV	Combination	Max	-147.341	5.1	1.068	0.
506	0.	SLU_ENV	Combination	Min	-258.101	2.872	-1.627	0.
506	0.5	SLU_ENV	Combination	Min	-244.848	2.872	-1.627	0.
506	1.	SLU_ENV	Combination	Min	-231.594	2.872	-1.627	0.
506	0.	SLV_Ex	Combination		-226.588	-95.155	2.943	0.
506	0.5	SLV_Ex	Combination		-216.771	-95.155	2.943	0.
506	1.	SLV_Ex	Combination		-206.953	-95.155	2.943	0.
507	0.	SLU_ENV	Combination	Max	-188.211	13.29	1.91	0.
507	0.5	SLU_ENV	Combination	Max	-178.393	13.29	1.91	0.
507	1.	SLU_ENV	Combination	Max	-168.576	13.29	1.91	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
507	0.	SLU_ENV	Combination	Min	-291.475	7.48	-0.772	0.
507	0.5	SLU_ENV	Combination	Min	-278.222	7.48	-0.772	0.
507	1.	SLU_ENV	Combination	Min	-264.968	7.48	-0.772	0.
507	0.	SLV_Ex	Combination		-256.408	-64.802	3.964	0.
507	0.5	SLV_Ex	Combination		-246.591	-64.802	3.964	0.
507	1.	SLV_Ex	Combination		-236.773	-64.802	3.964	0.
508	0.	SLU_ENV	Combination	Max	-209.518	23.854	3.143	0.
508	0.5	SLU_ENV	Combination	Max	-199.7	23.854	3.143	0.
508	1.	SLU_ENV	Combination	Max	-189.883	23.854	3.143	0.
508	0.	SLU_ENV	Combination	Min	-324.962	13.424	0.339	0.
508	0.5	SLU_ENV	Combination	Min	-311.708	13.424	0.339	0.
508	1.	SLU_ENV	Combination	Min	-298.455	13.424	0.339	0.
508	0.	SLV_Ex	Combination		-286.328	-14.641	5.058	0.
508	0.5	SLV_Ex	Combination		-276.51	-14.641	5.058	0.
508	1.	SLV_Ex	Combination		-266.693	-14.641	5.058	0.
509	0.	SLU_ENV	Combination	Max	-230.905	36.872	4.996	0.
509	0.5	SLU_ENV	Combination	Max	-221.088	36.872	4.996	0.
509	1.	SLU_ENV	Combination	Max	-211.271	36.872	4.996	0.
509	0.	SLU_ENV	Combination	Min	-358.574	20.748	1.552	0.
509	0.5	SLU_ENV	Combination	Min	-345.321	20.748	1.552	0.
509	1.	SLU_ENV	Combination	Min	-332.067	20.748	1.552	0.
509	0.	SLV_Ex	Combination		-316.359	59.678	6.153	0.
509	0.5	SLV_Ex	Combination		-306.542	59.678	6.153	0.
509	1.	SLV_Ex	Combination		-296.724	59.678	6.153	0.
510	0.	SLU_ENV	Combination	Max	-252.383	52.269	7.214	0.
510	0.5	SLU_ENV	Combination	Max	-242.565	52.269	7.214	0.
510	1.	SLU_ENV	Combination	Max	-232.748	52.269	7.214	0.
510	0.	SLU_ENV	Combination	Min	-392.327	29.411	3.173	0.
510	0.5	SLU_ENV	Combination	Min	-379.073	29.411	3.173	0.
510	1.	SLU_ENV	Combination	Min	-365.82	29.411	3.173	0.
510	0.	SLV_Ex	Combination		-346.515	162.601	7.144	0.
510	0.5	SLV_Ex	Combination		-336.698	162.601	7.144	0.
510	1.	SLV_Ex	Combination		-326.88	162.601	7.144	0.
511	0.	SLU_ENV	Combination	Max	-273.959	69.731	9.761	0.
511	0.5	SLU_ENV	Combination	Max	-264.141	69.731	9.761	0.
511	1.	SLU_ENV	Combination	Max	-254.324	69.731	9.761	0.
511	0.	SLU_ENV	Combination	Min	-426.233	39.234	5.248	0.
511	0.5	SLU_ENV	Combination	Min	-412.98	39.234	5.248	0.
511	1.	SLU_ENV	Combination	Min	-399.726	39.234	5.248	0.
511	0.	SLV_Ex	Combination		-376.807	298.188	7.886	0.
511	0.5	SLV_Ex	Combination		-366.99	298.188	7.886	0.
511	1.	SLV_Ex	Combination		-357.172	298.188	7.886	0.
512	0.	SLU_ENV	Combination	Max	-254.324	69.731	9.761	0.
512	0.5	SLU_ENV	Combination	Max	-244.506	69.731	9.761	0.
512	1.	SLU_ENV	Combination	Max	-234.689	69.731	9.761	0.
512	0.	SLU_ENV	Combination	Min	-399.726	39.234	5.248	0.
512	0.5	SLU_ENV	Combination	Min	-386.472	39.234	5.248	0.
512	1.	SLU_ENV	Combination	Min	-373.219	39.234	5.248	0.
512	0.	SLV_Ex	Combination		-357.172	298.188	7.886	0.
512	0.5	SLV_Ex	Combination		-347.355	292.611	7.886	0.
512	1.	SLV_Ex	Combination		-337.537	287.035	7.886	0.
513	0.	SLU_ENV	Combination	Max	-234.689	69.731	9.761	0.
513	0.5	SLU_ENV	Combination	Max	-224.871	69.731	9.761	0.
513	1.	SLU_ENV	Combination	Max	-215.054	69.731	9.761	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
513	0.	SLU_ENV	Combination	Min	-373.219	39.234	5.248	0.
513	0.5	SLU_ENV	Combination	Min	-359.965	39.234	5.248	0.
513	1.	SLU_ENV	Combination	Min	-346.712	39.234	5.248	0.
513	0.	SLV_Ex	Combination		-337.537	287.035	7.886	0.
513	0.5	SLV_Ex	Combination		-327.72	281.459	7.886	0.
513	1.	SLV_Ex	Combination		-317.902	275.882	7.886	0.
514	0.	SLU_ENV	Combination	Max	-215.054	69.731	9.761	0.
514	0.5	SLU_ENV	Combination	Max	-205.236	69.731	9.761	0.
514	1.	SLU_ENV	Combination	Max	-195.419	69.731	9.761	0.
514	0.	SLU_ENV	Combination	Min	-346.712	39.234	5.248	-7.494E-17
514	0.5	SLU_ENV	Combination	Min	-333.458	39.234	5.248	-7.494E-17
514	1.	SLU_ENV	Combination	Min	-320.204	39.234	5.248	-7.494E-17
514	0.	SLV_Ex	Combination		-317.902	275.882	7.886	5.679E-14
514	0.5	SLV_Ex	Combination		-308.085	270.306	7.886	5.679E-14
514	1.	SLV_Ex	Combination		-298.267	264.73	7.886	5.679E-14
515	0.	SLU_ENV	Combination	Max	-195.419	69.731	9.761	0.
515	0.5	SLU_ENV	Combination	Max	-185.601	69.731	9.761	0.
515	1.	SLU_ENV	Combination	Max	-175.784	69.731	9.761	0.
515	0.	SLU_ENV	Combination	Min	-320.204	39.234	5.248	0.
515	0.5	SLU_ENV	Combination	Min	-306.951	39.234	5.248	0.
515	1.	SLU_ENV	Combination	Min	-293.697	39.234	5.248	0.
515	0.	SLV_Ex	Combination		-298.267	264.73	7.886	0.
515	0.5	SLV_Ex	Combination		-288.45	259.153	7.886	0.
515	1.	SLV_Ex	Combination		-278.632	253.577	7.886	0.
516	0.	SLU_ENV	Combination	Max	-175.786	69.717	9.761	-0.0011
516	0.5	SLU_ENV	Combination	Max	-165.969	69.717	9.761	-0.0011
516	1.	SLU_ENV	Combination	Max	-156.151	69.718	9.761	-0.0011
516	0.	SLU_ENV	Combination	Min	-293.7	39.225	5.248	-0.0031
516	0.5	SLU_ENV	Combination	Min	-280.447	39.226	5.248	-0.0031
516	1.	SLU_ENV	Combination	Min	-267.193	39.226	5.248	-0.0031
516	0.	SLV_Ex	Combination		-278.645	253.563	7.886	-0.0034
516	0.5	SLV_Ex	Combination		-268.827	247.987	7.886	-0.0034
516	1.	SLV_Ex	Combination		-259.009	242.412	7.886	-0.0034
517	0.	SLU_ENV	Combination	Max	-33.355	2.8	0.561	0.
517	0.5	SLU_ENV	Combination	Max	-27.072	2.8	0.561	0.
517	1.	SLU_ENV	Combination	Max	-20.789	2.8	0.561	0.
517	0.	SLU_ENV	Combination	Min	-57.591	1.049	-0.014	0.
517	0.5	SLU_ENV	Combination	Min	-49.109	1.049	-0.014	0.
517	1.	SLU_ENV	Combination	Min	-40.626	1.049	-0.014	0.
517	0.	SLV_Ex	Combination		-33.285	-39.567	-2.55	0.
517	0.5	SLV_Ex	Combination		-27.002	-39.567	-2.55	0.
517	1.	SLV_Ex	Combination		-20.719	-39.567	-2.55	0.
522	0.	SLU_ENV	Combination	Max	-54.161	1.524	0.868	0.
522	0.5	SLU_ENV	Combination	Max	-47.878	1.524	0.868	0.
522	1.	SLU_ENV	Combination	Max	-41.595	1.524	0.868	0.
522	0.	SLU_ENV	Combination	Min	-98.248	0.564	-0.211	0.
522	0.5	SLU_ENV	Combination	Min	-89.766	0.564	-0.211	0.
522	1.	SLU_ENV	Combination	Min	-81.284	0.564	-0.211	0.
522	0.	SLV_Ex	Combination		-54.021	-63.576	-4.24	0.
522	0.5	SLV_Ex	Combination		-47.738	-63.576	-4.24	0.
522	1.	SLV_Ex	Combination		-41.455	-63.576	-4.24	0.
523	0.	SLU_ENV	Combination	Max	-74.997	-1.471	0.913	1.948E-15
523	0.5	SLU_ENV	Combination	Max	-68.714	-1.471	0.913	1.948E-15
523	1.	SLU_ENV	Combination	Max	-62.431	-1.471	0.913	1.948E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
523	0.	SLU_ENV	Combination	Min	-138.963	-3.87	-0.591	4.441E-16
523	0.5	SLU_ENV	Combination	Min	-130.48	-3.87	-0.591	4.441E-16
523	1.	SLU_ENV	Combination	Min	-121.998	-3.87	-0.591	4.441E-16
523	0.	SLV_Ex	Combination		-74.788	-71.379	-5.029	5.551E-16
523	0.5	SLV_Ex	Combination		-68.504	-71.379	-5.029	5.551E-16
523	1.	SLV_Ex	Combination		-62.221	-71.379	-5.029	5.551E-16
524	0.	SLU_ENV	Combination	Max	-95.877	-5.079	0.672	5.995E-16
524	0.5	SLU_ENV	Combination	Max	-89.593	-5.079	0.672	5.995E-16
524	1.	SLU_ENV	Combination	Max	-83.31	-5.079	0.672	5.995E-16
524	0.	SLU_ENV	Combination	Min	-179.759	-13.445	-1.151	4.441E-16
524	0.5	SLU_ENV	Combination	Min	-171.277	-13.445	-1.151	4.441E-16
524	1.	SLU_ENV	Combination	Min	-162.795	-13.445	-1.151	4.441E-16
524	0.	SLV_Ex	Combination		-95.597	-61.338	-4.809	-1.377E-14
524	0.5	SLV_Ex	Combination		-89.314	-61.338	-4.809	-1.377E-14
524	1.	SLV_Ex	Combination		-83.031	-61.338	-4.809	-1.377E-14
525	0.	SLU_ENV	Combination	Max	-116.813	-10.261	0.108	4.496E-15
525	0.5	SLU_ENV	Combination	Max	-110.53	-10.261	0.108	4.496E-15
525	1.	SLU_ENV	Combination	Max	-104.247	-10.261	0.108	4.496E-15
525	0.	SLU_ENV	Combination	Min	-220.665	-27.2	-1.876	1.332E-15
525	0.5	SLU_ENV	Combination	Min	-212.182	-27.2	-1.876	1.332E-15
525	1.	SLU_ENV	Combination	Min	-203.7	-27.2	-1.876	1.332E-15
525	0.	SLV_Ex	Combination		-116.463	-30.702	-3.392	-2.687E-14
525	0.5	SLV_Ex	Combination		-110.18	-30.702	-3.392	-2.687E-14
525	1.	SLV_Ex	Combination		-103.897	-30.702	-3.392	-2.687E-14
526	0.	SLU_ENV	Combination	Max	-137.819	-16.932	-0.824	2.548E-15
526	0.5	SLU_ENV	Combination	Max	-131.536	-16.932	-0.824	2.548E-15
526	1.	SLU_ENV	Combination	Max	-125.253	-16.932	-0.824	2.548E-15
526	0.	SLU_ENV	Combination	Min	-261.704	-44.916	-2.734	8.882E-16
526	0.5	SLU_ENV	Combination	Min	-253.222	-44.916	-2.734	8.882E-16
526	1.	SLU_ENV	Combination	Min	-244.739	-44.916	-2.734	8.882E-16
526	0.	SLV_Ex	Combination		-137.399	24.23	-0.518	-2.742E-14
526	0.5	SLV_Ex	Combination		-131.116	24.23	-0.518	-2.742E-14
526	1.	SLV_Ex	Combination		-124.833	24.23	-0.518	-2.742E-14
527	0.	SLU_ENV	Combination	Max	-158.909	-24.846	-2.175	6.445E-15
527	0.5	SLU_ENV	Combination	Max	-152.625	-24.846	-2.175	6.445E-15
527	1.	SLU_ENV	Combination	Max	-146.342	-24.846	-2.175	6.445E-15
527	0.	SLU_ENV	Combination	Min	-302.904	-65.941	-3.665	1.776E-15
527	0.5	SLU_ENV	Combination	Min	-294.421	-65.941	-3.665	1.776E-15
527	1.	SLU_ENV	Combination	Min	-285.939	-65.941	-3.665	1.776E-15
527	0.	SLV_Ex	Combination		-158.418	107.623	4.128	-4.052E-14
527	0.5	SLV_Ex	Combination		-152.135	107.623	4.128	-4.052E-14
527	1.	SLV_Ex	Combination		-145.851	107.623	4.128	-4.052E-14
528	0.	SLU_ENV	Combination	Max	-180.095	-33.488	-2.978	5.695E-15
528	0.5	SLU_ENV	Combination	Max	-173.811	-33.488	-2.978	5.695E-15
528	1.	SLU_ENV	Combination	Max	-167.528	-33.488	-2.978	5.695E-15
528	0.	SLU_ENV	Combination	Min	-344.289	-88.908	-5.563	2.220E-15
528	0.5	SLU_ENV	Combination	Min	-335.807	-88.908	-5.563	2.220E-15
528	1.	SLU_ENV	Combination	Min	-327.325	-88.908	-5.563	2.220E-15
528	0.	SLV_Ex	Combination		-179.533	223.229	10.866	-5.440E-14
528	0.5	SLV_Ex	Combination		-173.25	223.229	10.866	-5.440E-14
528	1.	SLV_Ex	Combination		-166.966	223.229	10.866	-5.440E-14
529	0.	SLU_ENV	Combination	Max	-365.962	-33.488	-3.02	0.0589
529	0.11716	SLU_ENV	Combination	Max	-364.49	-33.488	-3.02	0.0589
529	0.11716	SLU_ENV	Combination	Max	-364.49	-33.488	-3.02	0.0589



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
529	0.5	SLU_ENV	Combination	Max	-359.679	-33.488	-3.02	0.0589
529	1.	SLU_ENV	Combination	Max	-353.396	-33.488	-3.02	0.0589
529	0.	SLU_ENV	Combination	Min	-853.766	-88.908	-5.694	0.0185
529	0.11716	SLU_ENV	Combination	Min	-851.779	-88.908	-5.694	0.0185
529	0.11716	SLU_ENV	Combination	Min	-851.779	-88.908	-5.694	0.0185
529	0.5	SLU_ENV	Combination	Min	-845.284	-88.908	-5.694	0.0185
529	1.	SLU_ENV	Combination	Min	-836.802	-88.908	-5.694	0.0185
529	0.	SLV_Ex	Combination		168.481	220.561	11.849	-0.4423
529	0.11716	SLV_Ex	Combination		169.954	219.725	11.849	-0.4423
529	0.11716	SLV_Ex	Combination		169.954	154.975	11.849	-0.4423
529	0.5	SLV_Ex	Combination		174.765	152.242	11.849	-0.4423
529	1.	SLV_Ex	Combination		181.048	148.673	11.849	-0.4423
530	0.	SLU_ENV	Combination	Max	-415.538	-33.488	-3.02	0.0589
530	0.5	SLU_ENV	Combination	Max	-409.255	-33.488	-3.02	0.0589
530	1.	SLU_ENV	Combination	Max	-402.971	-33.488	-3.02	0.0589
530	0.	SLU_ENV	Combination	Min	-1001.786	-88.908	-5.694	0.0185
530	0.5	SLU_ENV	Combination	Min	-993.304	-88.908	-5.694	0.0185
530	1.	SLU_ENV	Combination	Min	-984.822	-88.908	-5.694	0.0185
530	0.	SLV_Ex	Combination		432.262	118.967	11.849	-0.4423
530	0.5	SLV_Ex	Combination		438.545	115.398	11.849	-0.4423
530	1.	SLV_Ex	Combination		444.828	111.829	11.849	-0.4423
531	0.	SLU_ENV	Combination	Max	-465.113	-33.488	-3.02	0.0589
531	0.5	SLU_ENV	Combination	Max	-458.83	-33.488	-3.02	0.0589
531	1.	SLU_ENV	Combination	Max	-452.547	-33.488	-3.02	0.0589
531	0.	SLU_ENV	Combination	Min	-1149.806	-88.908	-5.694	0.0185
531	0.5	SLU_ENV	Combination	Min	-1141.324	-88.908	-5.694	0.0185
531	1.	SLU_ENV	Combination	Min	-1132.842	-88.908	-5.694	0.0185
531	0.	SLV_Ex	Combination		622.307	79.454	11.849	-0.4423
531	0.5	SLV_Ex	Combination		628.59	75.885	11.849	-0.4423
531	1.	SLV_Ex	Combination		634.873	72.316	11.849	-0.4423
534	0.	SLU_ENV	Combination	Max	-32.134	2.842	0.727	0.
534	0.5	SLU_ENV	Combination	Max	-25.851	2.842	0.727	0.
534	1.	SLU_ENV	Combination	Max	-19.568	2.842	0.727	0.
534	0.	SLU_ENV	Combination	Min	-56.5	1.068	0.09	0.
534	0.5	SLU_ENV	Combination	Min	-48.018	1.068	0.09	0.
534	1.	SLU_ENV	Combination	Min	-39.536	1.068	0.09	0.
534	0.	SLV_Ex	Combination		-32.934	-39.333	-2.705	0.
534	0.5	SLV_Ex	Combination		-26.651	-39.333	-2.705	0.
534	1.	SLV_Ex	Combination		-20.367	-39.333	-2.705	0.
539	0.	SLU_ENV	Combination	Max	-51.718	1.406	0.976	0.
539	0.5	SLU_ENV	Combination	Max	-45.435	1.406	0.976	0.
539	1.	SLU_ENV	Combination	Max	-39.151	1.406	0.976	0.
539	0.	SLU_ENV	Combination	Min	-96.067	0.521	-0.066	0.
539	0.5	SLU_ENV	Combination	Min	-87.584	0.521	-0.066	0.
539	1.	SLU_ENV	Combination	Min	-79.102	0.521	-0.066	0.
539	0.	SLV_Ex	Combination		-53.318	-63.301	-4.38	0.
539	0.5	SLV_Ex	Combination		-47.035	-63.301	-4.38	0.
539	1.	SLV_Ex	Combination		-40.752	-63.301	-4.38	0.
540	0.	SLU_ENV	Combination	Max	-71.33	-1.656	0.895	3.747E-17
540	0.5	SLU_ENV	Combination	Max	-65.047	-1.656	0.895	3.747E-17
540	1.	SLU_ENV	Combination	Max	-58.764	-1.656	0.895	3.747E-17
540	0.	SLU_ENV	Combination	Min	-135.688	-4.352	-0.628	0.
540	0.5	SLU_ENV	Combination	Min	-127.206	-4.352	-0.628	0.
540	1.	SLU_ENV	Combination	Min	-118.723	-4.352	-0.628	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
540	0.	SLV_Ex	Combination		-73.732	-71.259	-4.979	-1.418E-14
540	0.5	SLV_Ex	Combination		-67.449	-71.259	-4.979	-1.418E-14
540	1.	SLV_Ex	Combination		-61.166	-71.259	-4.979	-1.418E-14
541	0.	SLU_ENV	Combination	Max	-90.984	-5.488	0.404	9.368E-16
541	0.5	SLU_ENV	Combination	Max	-84.701	-5.488	0.404	9.368E-16
541	1.	SLU_ENV	Combination	Max	-78.418	-5.488	0.404	9.368E-16
541	0.	SLU_ENV	Combination	Min	-175.39	-14.492	-1.544	2.220E-16
541	0.5	SLU_ENV	Combination	Min	-166.908	-14.492	-1.544	2.220E-16
541	1.	SLU_ENV	Combination	Min	-158.425	-14.492	-1.544	2.220E-16
541	0.	SLV_Ex	Combination		-94.189	-61.575	-4.39	2.498E-16
541	0.5	SLV_Ex	Combination		-87.905	-61.575	-4.39	2.498E-16
541	1.	SLV_Ex	Combination		-81.622	-61.575	-4.39	2.498E-16
542	0.	SLU_ENV	Combination	Max	-110.692	-10.968	-0.537	1.311E-15
542	0.5	SLU_ENV	Combination	Max	-104.408	-10.968	-0.537	1.311E-15
542	1.	SLU_ENV	Combination	Max	-98.125	-10.968	-0.537	1.311E-15
542	0.	SLU_ENV	Combination	Min	-215.198	-29.004	-2.805	4.441E-16
542	0.5	SLU_ENV	Combination	Min	-206.715	-29.004	-2.805	4.441E-16
542	1.	SLU_ENV	Combination	Min	-198.233	-29.004	-2.805	4.441E-16
542	0.	SLV_Ex	Combination		-114.701	-31.51	-2.422	-2.789E-14
542	0.5	SLV_Ex	Combination		-108.418	-31.51	-2.422	-2.789E-14
542	1.	SLV_Ex	Combination		-102.134	-31.51	-2.422	-2.789E-14
543	0.	SLU_ENV	Combination	Max	-130.465	-18.004	-1.972	1.874E-15
543	0.5	SLU_ENV	Combination	Max	-124.182	-18.004	-1.972	1.874E-15
543	1.	SLU_ENV	Combination	Max	-117.899	-18.004	-1.972	1.874E-15
543	0.	SLU_ENV	Combination	Min	-255.136	-47.643	-4.377	4.441E-16
543	0.5	SLU_ENV	Combination	Min	-246.654	-47.643	-4.377	4.441E-16
543	1.	SLU_ENV	Combination	Min	-238.172	-47.643	-4.377	4.441E-16
543	0.	SLV_Ex	Combination		-135.282	22.634	1.182	-2.792E-14
543	0.5	SLV_Ex	Combination		-128.998	22.634	1.182	-2.792E-14
543	1.	SLV_Ex	Combination		-122.715	22.634	1.182	-2.792E-14
544	0.	SLU_ENV	Combination	Max	-150.317	-26.329	-3.94	2.848E-15
544	0.5	SLU_ENV	Combination	Max	-144.034	-26.329	-3.94	2.848E-15
544	1.	SLU_ENV	Combination	Max	-137.751	-26.329	-3.94	2.848E-15
544	0.	SLU_ENV	Combination	Min	-295.231	-69.702	-6.179	6.661E-16
544	0.5	SLU_ENV	Combination	Min	-286.748	-69.702	-6.179	6.661E-16
544	1.	SLU_ENV	Combination	Min	-278.266	-69.702	-6.179	6.661E-16
544	0.	SLV_Ex	Combination		-155.944	105.026	6.718	-4.186E-14
544	0.5	SLV_Ex	Combination		-149.661	105.026	6.718	-4.186E-14
544	1.	SLV_Ex	Combination		-143.378	105.026	6.718	-4.186E-14
545	0.	SLU_ENV	Combination	Max	-170.26	-35.387	-5.294	2.885E-15
545	0.5	SLU_ENV	Combination	Max	-163.977	-35.387	-5.294	2.885E-15
545	1.	SLU_ENV	Combination	Max	-157.694	-35.387	-5.294	2.885E-15
545	0.	SLU_ENV	Combination	Min	-335.506	-93.717	-9.214	6.661E-16
545	0.5	SLU_ENV	Combination	Min	-327.024	-93.717	-9.214	6.661E-16
545	1.	SLU_ENV	Combination	Min	-318.542	-93.717	-9.214	6.661E-16
545	0.	SLV_Ex	Combination		-176.701	219.454	14.46	-4.183E-14
545	0.5	SLV_Ex	Combination		-170.418	219.454	14.46	-4.183E-14
545	1.	SLV_Ex	Combination		-164.135	219.454	14.46	-4.183E-14
546	0.	SLU_ENV	Combination	Max	-368.559	-35.387	-5.31	0.0266
546	0.5	SLU_ENV	Combination	Max	-362.276	-35.387	-5.31	0.0266
546	1.	SLU_ENV	Combination	Max	-355.992	-35.387	-5.31	0.0266
546	0.	SLU_ENV	Combination	Min	-876.582	-93.717	-9.273	0.007
546	0.5	SLU_ENV	Combination	Min	-868.1	-93.717	-9.273	0.007
546	1.	SLU_ENV	Combination	Min	-859.618	-93.717	-9.273	0.007

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
546	0.	SLV_Ex	Combination		175.637	187.079	15.38	-0.4142
546	0.5	SLV_Ex	Combination		181.92	183.51	15.38	-0.4142
546	1.	SLV_Ex	Combination		188.203	179.941	15.38	-0.4142
547	0.	SLU_ENV	Combination	Max	-421.659	-35.387	-5.31	0.0266
547	0.5	SLU_ENV	Combination	Max	-415.376	-35.387	-5.31	0.0266
547	1.	SLU_ENV	Combination	Max	-409.092	-35.387	-5.31	0.0266
547	0.	SLU_ENV	Combination	Min	-1033.525	-93.717	-9.273	0.007
547	0.5	SLU_ENV	Combination	Min	-1025.043	-93.717	-9.273	0.007
547	1.	SLU_ENV	Combination	Min	-1016.56	-93.717	-9.273	0.007
547	0.	SLV_Ex	Combination		492.076	147.566	15.38	-0.4142
547	0.5	SLV_Ex	Combination		498.359	143.997	15.38	-0.4142
547	1.	SLV_Ex	Combination		504.643	140.429	15.38	-0.4142
548	0.	SLU_ENV	Combination	Max	-474.759	-35.387	-5.31	0.0266
548	0.5	SLU_ENV	Combination	Max	-468.476	-35.387	-5.31	0.0266
548	1.	SLU_ENV	Combination	Max	-462.192	-35.387	-5.31	0.0266
548	0.	SLU_ENV	Combination	Min	-1190.468	-93.717	-9.273	0.007
548	0.5	SLU_ENV	Combination	Min	-1181.985	-93.717	-9.273	0.007
548	1.	SLU_ENV	Combination	Min	-1173.503	-93.717	-9.273	0.007
548	0.	SLV_Ex	Combination		735.193	108.054	15.38	-0.4142
548	0.5	SLV_Ex	Combination		741.476	104.485	15.38	-0.4142
548	1.	SLV_Ex	Combination		747.759	100.916	15.38	-0.4142
551	0.	SLU_ENV	Combination	Max	-30.722	2.774	0.692	0.
551	0.5	SLU_ENV	Combination	Max	-24.439	2.774	0.692	0.
551	1.	SLU_ENV	Combination	Max	-18.156	2.774	0.692	0.
551	0.	SLU_ENV	Combination	Min	-54.946	1.044	0.05	0.
551	0.5	SLU_ENV	Combination	Min	-46.463	1.044	0.05	0.
551	1.	SLU_ENV	Combination	Min	-37.981	1.044	0.05	0.
551	0.	SLV_Ex	Combination		-32.597	-39.06	-2.608	0.
551	0.5	SLV_Ex	Combination		-26.314	-39.06	-2.608	0.
551	1.	SLV_Ex	Combination		-20.031	-39.06	-2.608	0.
556	0.	SLU_ENV	Combination	Max	-48.893	1.48	0.971	0.
556	0.5	SLU_ENV	Combination	Max	-42.61	1.48	0.971	0.
556	1.	SLU_ENV	Combination	Max	-36.327	1.48	0.971	0.
556	0.	SLU_ENV	Combination	Min	-92.956	0.552	-0.117	0.
556	0.5	SLU_ENV	Combination	Min	-84.474	0.552	-0.117	0.
556	1.	SLU_ENV	Combination	Min	-75.991	0.552	-0.117	0.
556	0.	SLV_Ex	Combination		-52.645	-63.082	-4.292	0.
556	0.5	SLV_Ex	Combination		-46.362	-63.082	-4.292	0.
556	1.	SLV_Ex	Combination		-40.078	-63.082	-4.292	0.
557	0.	SLU_ENV	Combination	Max	-67.091	-1.49	0.918	0.
557	0.5	SLU_ENV	Combination	Max	-60.808	-1.49	0.918	0.
557	1.	SLU_ENV	Combination	Max	-54.525	-1.49	0.918	0.
557	0.	SLU_ENV	Combination	Min	-131.02	-3.924	-0.593	0.
557	0.5	SLU_ENV	Combination	Min	-122.537	-3.924	-0.593	0.
557	1.	SLU_ENV	Combination	Min	-114.055	-3.924	-0.593	0.
557	0.	SLV_Ex	Combination		-72.722	-71.426	-5.011	0.
557	0.5	SLV_Ex	Combination		-66.439	-71.426	-5.011	0.
557	1.	SLV_Ex	Combination		-60.155	-71.426	-5.011	0.
558	0.	SLU_ENV	Combination	Max	-85.328	-5.107	0.477	0.
558	0.5	SLU_ENV	Combination	Max	-79.045	-5.107	0.477	0.
558	1.	SLU_ENV	Combination	Max	-72.761	-5.107	0.477	0.
558	0.	SLU_ENV	Combination	Min	-169.161	-13.502	-1.347	0.
558	0.5	SLU_ENV	Combination	Min	-160.679	-13.502	-1.347	0.
558	1.	SLU_ENV	Combination	Min	-152.196	-13.502	-1.347	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
558	0.	SLV_Ex	Combination		-92.841	-62.468	-4.654	0.
558	0.5	SLV_Ex	Combination		-86.557	-62.468	-4.654	0.
558	1.	SLV_Ex	Combination		-80.274	-62.468	-4.654	0.
559	0.	SLU_ENV	Combination	Max	-103.614	-10.297	-0.393	0.
559	0.5	SLU_ENV	Combination	Max	-97.331	-10.297	-0.393	0.
559	1.	SLU_ENV	Combination	Max	-91.048	-10.297	-0.393	0.
559	0.	SLU_ENV	Combination	Min	-207.404	-27.249	-2.369	-1.874E-17
559	0.5	SLU_ENV	Combination	Min	-198.922	-27.249	-2.369	-1.874E-17
559	1.	SLU_ENV	Combination	Min	-190.439	-27.249	-2.369	-1.874E-17
559	0.	SLV_Ex	Combination		-113.014	-33.471	-3.033	-1.422E-14
559	0.5	SLV_Ex	Combination		-106.731	-33.471	-3.033	-1.422E-14
559	1.	SLV_Ex	Combination		-100.448	-33.471	-3.033	-1.422E-14
560	0.	SLU_ENV	Combination	Max	-121.963	-16.975	-1.738	-1.846E-16
560	0.5	SLU_ENV	Combination	Max	-115.679	-16.975	-1.738	-1.846E-16
560	1.	SLU_ENV	Combination	Max	-109.396	-16.975	-1.738	-1.846E-16
560	0.	SLU_ENV	Combination	Min	-245.773	-44.943	-3.626	-3.185E-16
560	0.5	SLU_ENV	Combination	Min	-237.29	-44.943	-3.626	-3.185E-16
560	1.	SLU_ENV	Combination	Min	-228.808	-44.943	-3.626	-3.185E-16
560	0.	SLV_Ex	Combination		-133.256	19.27	0.112	-2.359E-16
560	0.5	SLV_Ex	Combination		-126.972	19.27	0.112	-2.359E-16
560	1.	SLV_Ex	Combination		-120.689	19.27	0.112	-2.359E-16
561	0.	SLU_ENV	Combination	Max	-140.384	-24.893	-3.324	-1.471E-16
561	0.5	SLU_ENV	Combination	Max	-134.101	-24.893	-3.324	-1.471E-16
561	1.	SLU_ENV	Combination	Max	-127.818	-24.893	-3.324	-1.471E-16
561	0.	SLU_ENV	Combination	Min	-284.292	-65.93	-5.323	-3.560E-16
561	0.5	SLU_ENV	Combination	Min	-275.809	-65.93	-5.323	-3.560E-16
561	1.	SLU_ENV	Combination	Min	-267.327	-65.93	-5.323	-3.560E-16
561	0.	SLV_Ex	Combination		-153.577	99.967	5.088	-2.869E-14
561	0.5	SLV_Ex	Combination		-147.294	99.967	5.088	-2.869E-14
561	1.	SLV_Ex	Combination		-141.011	99.967	5.088	-2.869E-14
562	0.	SLU_ENV	Combination	Max	-158.89	-33.533	-4.279	-3.691E-16
562	0.5	SLU_ENV	Combination	Max	-152.607	-33.533	-4.279	-3.691E-16
562	1.	SLU_ENV	Combination	Max	-146.324	-33.533	-4.279	-3.691E-16
562	0.	SLU_ENV	Combination	Min	-322.985	-88.837	-8.217	-6.370E-16
562	0.5	SLU_ENV	Combination	Min	-314.503	-88.837	-8.217	-6.370E-16
562	1.	SLU_ENV	Combination	Min	-306.02	-88.837	-8.217	-6.370E-16
562	0.	SLV_Ex	Combination		-173.992	212.501	12.198	-1.468E-14
562	0.5	SLV_Ex	Combination		-167.709	212.501	12.198	-1.468E-14
562	1.	SLV_Ex	Combination		-161.425	212.501	12.198	-1.468E-14
563	0.	SLU_ENV	Combination	Max	-345.233	-33.533	-4.265	-0.0047
563	0.5	SLU_ENV	Combination	Max	-338.95	-33.533	-4.265	-0.0047
563	1.	SLU_ENV	Combination	Max	-332.667	-33.533	-4.265	-0.0047
563	0.	SLU_ENV	Combination	Min	-832.702	-88.837	-8.201	-0.0089
563	0.5	SLU_ENV	Combination	Min	-824.22	-88.837	-8.201	-0.0089
563	1.	SLU_ENV	Combination	Min	-815.738	-88.837	-8.201	-0.0089
563	0.	SLV_Ex	Combination		138.737	180.126	13.044	-0.3808
563	0.5	SLV_Ex	Combination		145.02	176.558	13.044	-0.3808
563	1.	SLV_Ex	Combination		151.304	172.989	13.044	-0.3808
564	0.	SLU_ENV	Combination	Max	-394.894	-33.533	-4.265	-0.0047
564	0.5	SLU_ENV	Combination	Max	-388.611	-33.533	-4.265	-0.0047
564	1.	SLU_ENV	Combination	Max	-382.327	-33.533	-4.265	-0.0047
564	0.	SLU_ENV	Combination	Min	-980.591	-88.837	-8.201	-0.0089
564	0.5	SLU_ENV	Combination	Min	-972.108	-88.837	-8.201	-0.0089
564	1.	SLU_ENV	Combination	Min	-963.626	-88.837	-8.201	-0.0089

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
564	0.	SLV_Ex	Combination		442.275	140.614	13.044	-0.3808
564	0.5	SLV_Ex	Combination		448.558	137.045	13.044	-0.3808
564	1.	SLV_Ex	Combination		454.841	133.476	13.044	-0.3808
565	0.	SLU_ENV	Combination	Max	-444.554	-33.533	-4.265	-0.0047
565	0.5	SLU_ENV	Combination	Max	-438.271	-33.533	-4.265	-0.0047
565	1.	SLU_ENV	Combination	Max	-431.988	-33.533	-4.265	-0.0047
565	0.	SLU_ENV	Combination	Min	-1128.479	-88.837	-8.201	-0.0089
565	0.5	SLU_ENV	Combination	Min	-1119.996	-88.837	-8.201	-0.0089
565	1.	SLU_ENV	Combination	Min	-1111.514	-88.837	-8.201	-0.0089
565	0.	SLV_Ex	Combination		672.49	101.101	13.044	-0.3808
565	0.5	SLV_Ex	Combination		678.773	97.532	13.044	-0.3808
565	1.	SLV_Ex	Combination		685.057	93.963	13.044	-0.3808
568	0.	SLU_ENV	Combination	Max	-32.593	2.8	0.592	0.
568	0.5	SLU_ENV	Combination	Max	-26.31	2.8	0.592	0.
568	1.	SLU_ENV	Combination	Max	-20.027	2.8	0.592	0.
568	0.	SLU_ENV	Combination	Min	-55.584	1.049	-3.382E-03	0.
568	0.5	SLU_ENV	Combination	Min	-47.101	1.049	-3.382E-03	0.
568	1.	SLU_ENV	Combination	Min	-38.619	1.049	-3.382E-03	0.
568	0.	SLV_Ex	Combination		-3.592	-39.567	-2.786	0.
568	0.5	SLV_Ex	Combination		2.691	-39.567	-2.786	0.
568	1.	SLV_Ex	Combination		8.974	-39.567	-2.786	0.
573	0.	SLU_ENV	Combination	Max	-52.637	1.524	0.896	0.
573	0.5	SLU_ENV	Combination	Max	-46.354	1.524	0.896	0.
573	1.	SLU_ENV	Combination	Max	-40.071	1.524	0.896	0.
573	0.	SLU_ENV	Combination	Min	-94.233	0.564	-0.195	0.
573	0.5	SLU_ENV	Combination	Min	-85.75	0.564	-0.195	0.
573	1.	SLU_ENV	Combination	Min	-77.268	0.564	-0.195	0.
573	0.	SLV_Ex	Combination		5.383	-63.576	-4.491	0.
573	0.5	SLV_Ex	Combination		11.666	-63.576	-4.491	0.
573	1.	SLV_Ex	Combination		17.95	-63.576	-4.491	0.
574	0.	SLU_ENV	Combination	Max	-72.71	-1.471	0.917	1.948E-15
574	0.5	SLU_ENV	Combination	Max	-66.427	-1.471	0.917	1.948E-15
574	1.	SLU_ENV	Combination	Max	-60.144	-1.471	0.917	1.948E-15
574	0.	SLU_ENV	Combination	Min	-132.936	-3.87	-0.589	4.441E-16
574	0.5	SLU_ENV	Combination	Min	-124.453	-3.87	-0.589	4.441E-16
574	1.	SLU_ENV	Combination	Min	-115.971	-3.87	-0.589	4.441E-16
574	0.	SLV_Ex	Combination		14.366	-71.379	-5.07	5.551E-16
574	0.5	SLV_Ex	Combination		20.649	-71.379	-5.07	5.551E-16
574	1.	SLV_Ex	Combination		26.933	-71.379	-5.07	5.551E-16
575	0.	SLU_ENV	Combination	Max	-92.825	-5.079	0.628	5.995E-16
575	0.5	SLU_ENV	Combination	Max	-86.542	-5.079	0.628	5.995E-16
575	1.	SLU_ENV	Combination	Max	-80.259	-5.079	0.628	5.995E-16
575	0.	SLU_ENV	Combination	Min	-171.718	-13.445	-1.177	4.441E-16
575	0.5	SLU_ENV	Combination	Min	-163.235	-13.445	-1.177	4.441E-16
575	1.	SLU_ENV	Combination	Min	-154.753	-13.445	-1.177	4.441E-16
575	0.	SLV_Ex	Combination		23.362	-61.338	-4.408	-1.377E-14
575	0.5	SLV_Ex	Combination		29.645	-61.338	-4.408	-1.377E-14
575	1.	SLV_Ex	Combination		35.929	-61.338	-4.408	-1.377E-14
576	0.	SLU_ENV	Combination	Max	-112.995	-10.261	-0.011	4.496E-15
576	0.5	SLU_ENV	Combination	Max	-106.712	-10.261	-0.011	4.496E-15
576	1.	SLU_ENV	Combination	Max	-100.429	-10.261	-0.011	4.496E-15
576	0.	SLU_ENV	Combination	Min	-210.603	-27.2	-1.946	1.332E-15
576	0.5	SLU_ENV	Combination	Min	-202.12	-27.2	-1.946	1.332E-15
576	1.	SLU_ENV	Combination	Min	-193.638	-27.2	-1.946	1.332E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
576	0.	SLV_Ex	Combination		32.377	-30.702	-2.31	-2.687E-14
576	0.5	SLV_Ex	Combination		38.66	-30.702	-2.31	-2.687E-14
576	1.	SLV_Ex	Combination		44.944	-30.702	-2.31	-2.687E-14
577	0.	SLU_ENV	Combination	Max	-133.233	-16.932	-1.045	2.548E-15
577	0.5	SLU_ENV	Combination	Max	-126.949	-16.932	-1.045	2.548E-15
577	1.	SLU_ENV	Combination	Max	-120.666	-16.932	-1.045	2.548E-15
577	0.	SLU_ENV	Combination	Min	-249.616	-44.916	-2.865	8.882E-16
577	0.5	SLU_ENV	Combination	Min	-241.133	-44.916	-2.865	8.882E-16
577	1.	SLU_ENV	Combination	Min	-232.651	-44.916	-2.865	8.882E-16
577	0.	SLV_Ex	Combination		41.416	24.23	1.487	-2.742E-14
577	0.5	SLV_Ex	Combination		47.7	24.23	1.487	-2.742E-14
577	1.	SLV_Ex	Combination		53.983	24.23	1.487	-2.742E-14
578	0.	SLU_ENV	Combination	Max	-153.55	-24.846	-2.522	6.445E-15
578	0.5	SLU_ENV	Combination	Max	-147.267	-24.846	-2.522	6.445E-15
578	1.	SLU_ENV	Combination	Max	-140.984	-24.846	-2.522	6.445E-15
578	0.	SLU_ENV	Combination	Min	-288.781	-65.941	-3.87	1.776E-15
578	0.5	SLU_ENV	Combination	Min	-280.299	-65.941	-3.87	1.776E-15
578	1.	SLU_ENV	Combination	Min	-271.817	-65.941	-3.87	1.776E-15
578	0.	SLV_Ex	Combination		50.486	107.623	7.282	-4.052E-14
578	0.5	SLV_Ex	Combination		56.769	107.623	7.282	-4.052E-14
578	1.	SLV_Ex	Combination		63.052	107.623	7.282	-4.052E-14
579	0.	SLU_ENV	Combination	Max	-173.961	-33.488	-3.166	5.695E-15
579	0.5	SLU_ENV	Combination	Max	-167.678	-33.488	-3.166	5.695E-15
579	1.	SLU_ENV	Combination	Max	-161.395	-33.488	-3.166	5.695E-15
579	0.	SLU_ENV	Combination	Min	-328.124	-88.908	-6.16	2.220E-15
579	0.5	SLU_ENV	Combination	Min	-319.642	-88.908	-6.16	2.220E-15
579	1.	SLU_ENV	Combination	Min	-311.16	-88.908	-6.16	2.220E-15
579	0.	SLV_Ex	Combination		59.591	223.229	15.346	-5.440E-14
579	0.5	SLV_Ex	Combination		65.874	223.229	15.346	-5.440E-14
579	1.	SLV_Ex	Combination		72.158	223.229	15.346	-5.440E-14
580	0.	SLU_ENV	Combination	Max	215.282	-33.488	-3.125	0.0589
580	0.5	SLU_ENV	Combination	Max	223.764	-33.488	-3.125	0.0589
580	1.	SLU_ENV	Combination	Max	232.246	-33.488	-3.125	0.0589
580	0.	SLU_ENV	Combination	Min	37.039	-88.908	-6.029	0.0185
580	0.5	SLU_ENV	Combination	Min	43.323	-88.908	-6.029	0.0185
580	1.	SLU_ENV	Combination	Min	49.606	-88.908	-6.029	0.0185
580	0.	SLV_Ex	Combination		-263.29	161.148	14.363	-0.4423
580	0.5	SLV_Ex	Combination		-257.007	157.579	14.363	-0.4423
580	1.	SLV_Ex	Combination		-250.724	154.01	14.363	-0.4423
581	0.	SLU_ENV	Combination	Max	397.231	-33.488	-3.125	0.0589
581	0.5	SLU_ENV	Combination	Max	405.713	-33.488	-3.125	0.0589
581	1.	SLU_ENV	Combination	Max	414.196	-33.488	-3.125	0.0589
581	0.	SLU_ENV	Combination	Min	111.748	-88.908	-6.029	0.0185
581	0.5	SLU_ENV	Combination	Min	118.031	-88.908	-6.029	0.0185
581	1.	SLU_ENV	Combination	Min	124.314	-88.908	-6.029	0.0185
581	0.	SLV_Ex	Combination		-501.937	118.967	14.363	-0.4423
581	0.5	SLV_Ex	Combination		-495.654	115.398	14.363	-0.4423
581	1.	SLV_Ex	Combination		-489.371	111.829	14.363	-0.4423
582	0.	SLU_ENV	Combination	Max	579.18	-33.488	-3.125	0.0589
582	0.5	SLU_ENV	Combination	Max	587.663	-33.488	-3.125	0.0589
582	1.	SLU_ENV	Combination	Max	596.145	-33.488	-3.125	0.0589
582	0.	SLU_ENV	Combination	Min	186.456	-88.908	-6.029	0.0185
582	0.5	SLU_ENV	Combination	Min	192.739	-88.908	-6.029	0.0185
582	1.	SLU_ENV	Combination	Min	199.022	-88.908	-6.029	0.0185

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
582	0.	SLV_Ex	Combination		-666.85	79.454	14.363	-0.4423
582	0.5	SLV_Ex	Combination		-660.567	75.885	14.363	-0.4423
582	1.	SLV_Ex	Combination		-654.284	72.316	14.363	-0.4423
583	0.	SLU_ENV	Combination	Max	-31.285	2.842	0.741	0.
583	0.5	SLU_ENV	Combination	Max	-25.002	2.842	0.741	0.
583	1.	SLU_ENV	Combination	Max	-18.719	2.842	0.741	0.
583	0.	SLU_ENV	Combination	Min	-54.268	1.068	0.094	0.
583	0.5	SLU_ENV	Combination	Min	-45.785	1.068	0.094	0.
583	1.	SLU_ENV	Combination	Min	-37.303	1.068	0.094	0.
583	0.	SLV_Ex	Combination		-3.277	-39.333	-2.926	0.
583	0.5	SLV_Ex	Combination		3.006	-39.333	-2.926	0.
583	1.	SLV_Ex	Combination		9.289	-39.333	-2.926	0.
588	0.	SLU_ENV	Combination	Max	-50.02	1.406	0.989	0.
588	0.5	SLU_ENV	Combination	Max	-43.737	1.406	0.989	0.
588	1.	SLU_ENV	Combination	Max	-37.453	1.406	0.989	0.
588	0.	SLU_ENV	Combination	Min	-91.6	0.521	-0.06	0.
588	0.5	SLU_ENV	Combination	Min	-83.118	0.521	-0.06	0.
588	1.	SLU_ENV	Combination	Min	-74.635	0.521	-0.06	0.
588	0.	SLV_Ex	Combination		6.013	-63.301	-4.615	0.
588	0.5	SLV_Ex	Combination		12.296	-63.301	-4.615	0.
588	1.	SLV_Ex	Combination		18.58	-63.301	-4.615	0.
589	0.	SLU_ENV	Combination	Max	-68.782	-1.656	0.897	3.747E-17
589	0.5	SLU_ENV	Combination	Max	-62.499	-1.656	0.897	3.747E-17
589	1.	SLU_ENV	Combination	Max	-56.216	-1.656	0.897	3.747E-17
589	0.	SLU_ENV	Combination	Min	-128.985	-4.352	-0.627	0.
589	0.5	SLU_ENV	Combination	Min	-120.502	-4.352	-0.627	0.
589	1.	SLU_ENV	Combination	Min	-112.02	-4.352	-0.627	0.
589	0.	SLV_Ex	Combination		15.312	-71.259	-5.017	-1.418E-14
589	0.5	SLV_Ex	Combination		21.595	-71.259	-5.017	-1.418E-14
589	1.	SLV_Ex	Combination		27.878	-71.259	-5.017	-1.418E-14
590	0.	SLU_ENV	Combination	Max	-87.584	-5.488	0.383	9.368E-16
590	0.5	SLU_ENV	Combination	Max	-81.301	-5.488	0.383	9.368E-16
590	1.	SLU_ENV	Combination	Max	-75.018	-5.488	0.383	9.368E-16
590	0.	SLU_ENV	Combination	Min	-166.446	-14.492	-1.554	2.220E-16
590	0.5	SLU_ENV	Combination	Min	-157.963	-14.492	-1.554	2.220E-16
590	1.	SLU_ENV	Combination	Min	-149.481	-14.492	-1.554	2.220E-16
590	0.	SLV_Ex	Combination		24.624	-61.575	-4.014	2.498E-16
590	0.5	SLV_Ex	Combination		30.907	-61.575	-4.014	2.498E-16
590	1.	SLV_Ex	Combination		37.19	-61.575	-4.014	2.498E-16
591	0.	SLU_ENV	Combination	Max	-106.437	-10.968	-0.592	1.311E-15
591	0.5	SLU_ENV	Combination	Max	-100.154	-10.968	-0.592	1.311E-15
591	1.	SLU_ENV	Combination	Max	-93.871	-10.968	-0.592	1.311E-15
591	0.	SLU_ENV	Combination	Min	-204.006	-29.004	-2.832	4.441E-16
591	0.5	SLU_ENV	Combination	Min	-195.524	-29.004	-2.832	4.441E-16
591	1.	SLU_ENV	Combination	Min	-187.042	-29.004	-2.832	4.441E-16
591	0.	SLV_Ex	Combination		33.956	-31.51	-1.409	-2.789E-14
591	0.5	SLV_Ex	Combination		40.239	-31.51	-1.409	-2.789E-14
591	1.	SLV_Ex	Combination		46.522	-31.51	-1.409	-2.789E-14
592	0.	SLU_ENV	Combination	Max	-125.354	-18.004	-2.074	1.874E-15
592	0.5	SLU_ENV	Combination	Max	-119.071	-18.004	-2.074	1.874E-15
592	1.	SLU_ENV	Combination	Max	-112.788	-18.004	-2.074	1.874E-15
592	0.	SLU_ENV	Combination	Min	-241.691	-47.643	-4.427	4.441E-16
592	0.5	SLU_ENV	Combination	Min	-233.209	-47.643	-4.427	4.441E-16
592	1.	SLU_ENV	Combination	Min	-224.726	-47.643	-4.427	4.441E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
592	0.	SLV_Ex	Combination		43.313	22.634	3.06	-2.792E-14
592	0.5	SLV_Ex	Combination		49.596	22.634	3.06	-2.792E-14
592	1.	SLV_Ex	Combination		55.879	22.634	3.06	-2.792E-14
593	0.	SLU_ENV	Combination	Max	-144.346	-26.329	-4.1	2.848E-15
593	0.5	SLU_ENV	Combination	Max	-138.063	-26.329	-4.1	2.848E-15
593	1.	SLU_ENV	Combination	Max	-131.78	-26.329	-4.1	2.848E-15
593	0.	SLU_ENV	Combination	Min	-279.523	-69.702	-6.258	6.661E-16
593	0.5	SLU_ENV	Combination	Min	-271.041	-69.702	-6.258	6.661E-16
593	1.	SLU_ENV	Combination	Min	-262.558	-69.702	-6.258	6.661E-16
593	0.	SLV_Ex	Combination		52.702	105.026	9.671	-4.186E-14
593	0.5	SLV_Ex	Combination		58.985	105.026	9.671	-4.186E-14
593	1.	SLV_Ex	Combination		65.268	105.026	9.671	-4.186E-14
594	0.	SLU_ENV	Combination	Max	-163.425	-35.387	-5.365	2.885E-15
594	0.5	SLU_ENV	Combination	Max	-157.142	-35.387	-5.365	2.885E-15
594	1.	SLU_ENV	Combination	Max	-150.859	-35.387	-5.365	2.885E-15
594	0.	SLU_ENV	Combination	Min	-317.527	-93.717	-9.484	6.661E-16
594	0.5	SLU_ENV	Combination	Min	-309.044	-93.717	-9.484	6.661E-16
594	1.	SLU_ENV	Combination	Min	-300.562	-93.717	-9.484	6.661E-16
594	0.	SLV_Ex	Combination		62.128	219.454	18.655	-4.183E-14
594	0.5	SLV_Ex	Combination		68.411	219.454	18.655	-4.183E-14
594	1.	SLV_Ex	Combination		74.694	219.454	18.655	-4.183E-14
595	0.	SLU_ENV	Combination	Max	257.479	-35.387	-5.349	0.0266
595	0.5	SLU_ENV	Combination	Max	265.961	-35.387	-5.349	0.0266
595	1.	SLU_ENV	Combination	Max	274.443	-35.387	-5.349	0.0266
595	0.	SLU_ENV	Combination	Min	60.006	-93.717	-9.424	0.007
595	0.5	SLU_ENV	Combination	Min	66.289	-93.717	-9.424	0.007
595	1.	SLU_ENV	Combination	Min	72.572	-93.717	-9.424	0.007
595	0.	SLV_Ex	Combination		-265.078	187.079	17.735	-0.4142
595	0.5	SLV_Ex	Combination		-258.795	183.51	17.735	-0.4142
595	1.	SLV_Ex	Combination		-252.511	179.941	17.735	-0.4142
596	0.	SLU_ENV	Combination	Max	448.35	-35.387	-5.349	0.0266
596	0.5	SLU_ENV	Combination	Max	456.833	-35.387	-5.349	0.0266
596	1.	SLU_ENV	Combination	Max	465.315	-35.387	-5.349	0.0266
596	0.	SLU_ENV	Combination	Min	138.239	-93.717	-9.424	0.007
596	0.5	SLU_ENV	Combination	Min	144.522	-93.717	-9.424	0.007
596	1.	SLU_ENV	Combination	Min	150.805	-93.717	-9.424	0.007
596	0.	SLV_Ex	Combination		-556.384	147.566	17.735	-0.4142
596	0.5	SLV_Ex	Combination		-550.101	143.997	17.735	-0.4142
596	1.	SLV_Ex	Combination		-543.818	140.429	17.735	-0.4142
597	0.	SLU_ENV	Combination	Max	639.222	-35.387	-5.349	0.0266
597	0.5	SLU_ENV	Combination	Max	647.705	-35.387	-5.349	0.0266
597	1.	SLU_ENV	Combination	Max	656.187	-35.387	-5.349	0.0266
597	0.	SLU_ENV	Combination	Min	216.472	-93.717	-9.424	0.007
597	0.5	SLU_ENV	Combination	Min	222.755	-93.717	-9.424	0.007
597	1.	SLU_ENV	Combination	Min	229.038	-93.717	-9.424	0.007
597	0.	SLV_Ex	Combination		-774.368	108.054	17.735	-0.4142
597	0.5	SLV_Ex	Combination		-768.085	104.485	17.735	-0.4142
597	1.	SLV_Ex	Combination		-761.802	100.916	17.735	-0.4142
598	0.	SLU_ENV	Combination	Max	-29.952	2.774	0.688	0.
598	0.5	SLU_ENV	Combination	Max	-23.669	2.774	0.688	0.
598	1.	SLU_ENV	Combination	Max	-17.385	2.774	0.688	0.
598	0.	SLU_ENV	Combination	Min	-52.915	1.044	0.047	0.
598	0.5	SLU_ENV	Combination	Min	-44.433	1.044	0.047	0.
598	1.	SLU_ENV	Combination	Min	-35.951	1.044	0.047	0.



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
598	0.	SLV_Ex	Combination		-2.842	-39.06	-2.811	0.
598	0.5	SLV_Ex	Combination		3.441	-39.06	-2.811	0.
598	1.	SLV_Ex	Combination		9.724	-39.06	-2.811	0.
603	0.	SLU_ENV	Combination	Max	-47.352	1.48	0.968	0.
603	0.5	SLU_ENV	Combination	Max	-41.069	1.48	0.968	0.
603	1.	SLU_ENV	Combination	Max	-34.786	1.48	0.968	0.
603	0.	SLU_ENV	Combination	Min	-88.894	0.552	-0.122	0.
603	0.5	SLU_ENV	Combination	Min	-80.412	0.552	-0.122	0.
603	1.	SLU_ENV	Combination	Min	-71.929	0.552	-0.122	0.
603	0.	SLV_Ex	Combination		6.884	-63.082	-4.508	0.
603	0.5	SLV_Ex	Combination		13.167	-63.082	-4.508	0.
603	1.	SLV_Ex	Combination		19.451	-63.082	-4.508	0.
604	0.	SLU_ENV	Combination	Max	-64.779	-1.49	0.918	0.
604	0.5	SLU_ENV	Combination	Max	-58.495	-1.49	0.918	0.
604	1.	SLU_ENV	Combination	Max	-52.212	-1.49	0.918	0.
604	0.	SLU_ENV	Combination	Min	-124.923	-3.924	-0.594	-1.874E-17
604	0.5	SLU_ENV	Combination	Min	-116.441	-3.924	-0.594	-1.874E-17
604	1.	SLU_ENV	Combination	Min	-107.959	-3.924	-0.594	-1.874E-17
604	0.	SLV_Ex	Combination		16.619	-71.426	-5.046	-1.422E-14
604	0.5	SLV_Ex	Combination		22.902	-71.426	-5.046	-1.422E-14
604	1.	SLV_Ex	Combination		29.185	-71.426	-5.046	-1.422E-14
605	0.	SLU_ENV	Combination	Max	-82.242	-5.107	0.481	-1.846E-16
605	0.5	SLU_ENV	Combination	Max	-75.959	-5.107	0.481	-1.846E-16
605	1.	SLU_ENV	Combination	Max	-69.676	-5.107	0.481	-1.846E-16
605	0.	SLU_ENV	Combination	Min	-161.027	-13.502	-1.339	-3.185E-16
605	0.5	SLU_ENV	Combination	Min	-152.544	-13.502	-1.339	-3.185E-16
605	1.	SLU_ENV	Combination	Min	-144.062	-13.502	-1.339	-3.185E-16
605	0.	SLV_Ex	Combination		26.368	-62.468	-4.309	-2.359E-16
605	0.5	SLV_Ex	Combination		32.651	-62.468	-4.309	-2.359E-16
605	1.	SLV_Ex	Combination		38.934	-62.468	-4.309	-2.359E-16
606	0.	SLU_ENV	Combination	Max	-99.753	-10.297	-0.382	-1.096E-16
606	0.5	SLU_ENV	Combination	Max	-93.47	-10.297	-0.382	-1.096E-16
606	1.	SLU_ENV	Combination	Max	-87.187	-10.297	-0.382	-1.096E-16
606	0.	SLU_ENV	Combination	Min	-197.226	-27.249	-2.347	-3.372E-16
606	0.5	SLU_ENV	Combination	Min	-188.744	-27.249	-2.347	-3.372E-16
606	1.	SLU_ENV	Combination	Min	-180.262	-27.249	-2.347	-3.372E-16
606	0.	SLV_Ex	Combination		36.138	-33.471	-2.101	-2.867E-14
606	0.5	SLV_Ex	Combination		42.421	-33.471	-2.101	-2.867E-14
606	1.	SLV_Ex	Combination		48.704	-33.471	-2.101	-2.867E-14
607	0.	SLU_ENV	Combination	Max	-117.324	-16.975	-1.717	-3.691E-16
607	0.5	SLU_ENV	Combination	Max	-111.041	-16.975	-1.717	-3.691E-16
607	1.	SLU_ENV	Combination	Max	-104.758	-16.975	-1.717	-3.691E-16
607	0.	SLU_ENV	Combination	Min	-233.545	-44.943	-3.586	-6.370E-16
607	0.5	SLU_ENV	Combination	Min	-225.063	-44.943	-3.586	-6.370E-16
607	1.	SLU_ENV	Combination	Min	-216.581	-44.943	-3.586	-6.370E-16
607	0.	SLV_Ex	Combination		45.934	19.27	1.838	-1.468E-14
607	0.5	SLV_Ex	Combination		52.218	19.27	1.838	-1.468E-14
607	1.	SLV_Ex	Combination		58.501	19.27	1.838	-1.468E-14
608	0.	SLU_ENV	Combination	Max	-134.965	-24.893	-3.281	-5.163E-16
608	0.5	SLU_ENV	Combination	Max	-128.682	-24.893	-3.281	-5.163E-16
608	1.	SLU_ENV	Combination	Max	-122.398	-24.893	-3.281	-5.163E-16
608	0.	SLU_ENV	Combination	Min	-270.007	-65.93	-5.269	-9.742E-16
608	0.5	SLU_ENV	Combination	Min	-261.525	-65.93	-5.269	-9.742E-16
608	1.	SLU_ENV	Combination	Min	-253.042	-65.93	-5.269	-9.742E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	StepType	P	V2	V3	T
	m				KN	KN	KN	KN-m
608	0.	SLV_Ex	Combination		55.764	99.967	7.803	-4.335E-14
608	0.5	SLV_Ex	Combination		62.047	99.967	7.803	-4.335E-14
608	1.	SLV_Ex	Combination		68.33	99.967	7.803	-4.335E-14
609	0.	SLU_ENV	Combination	Max	-152.687	-33.533	-4.218	-5.537E-16
609	0.5	SLU_ENV	Combination	Max	-146.404	-33.533	-4.218	-5.537E-16
609	1.	SLU_ENV	Combination	Max	-140.121	-33.533	-4.218	-5.537E-16
609	0.	SLU_ENV	Combination	Min	-306.634	-88.837	-8.141	-9.742E-16
609	0.5	SLU_ENV	Combination	Min	-298.152	-88.837	-8.141	-9.742E-16
609	1.	SLU_ENV	Combination	Min	-289.669	-88.837	-8.141	-9.742E-16
609	0.	SLV_Ex	Combination		65.633	212.501	16.056	-4.335E-14
609	0.5	SLV_Ex	Combination		71.916	212.501	16.056	-4.335E-14
609	1.	SLV_Ex	Combination		78.199	212.501	16.056	-4.335E-14
610	0.	SLU_ENV	Combination	Max	237.013	-33.533	-4.231	-0.0047
610	0.5	SLU_ENV	Combination	Max	245.495	-33.533	-4.231	-0.0047
610	1.	SLU_ENV	Combination	Max	253.977	-33.533	-4.231	-0.0047
610	0.	SLU_ENV	Combination	Min	58.789	-88.837	-8.158	-0.0089
610	0.5	SLU_ENV	Combination	Min	65.072	-88.837	-8.158	-0.0089
610	1.	SLU_ENV	Combination	Min	71.355	-88.837	-8.158	-0.0089
610	0.	SLV_Ex	Combination		-221.963	180.126	15.209	-0.3808
610	0.5	SLV_Ex	Combination		-215.68	176.558	15.209	-0.3808
610	1.	SLV_Ex	Combination		-209.397	172.989	15.209	-0.3808
611	0.	SLU_ENV	Combination	Max	418.83	-33.533	-4.231	-0.0047
611	0.5	SLU_ENV	Combination	Max	427.313	-33.533	-4.231	-0.0047
611	1.	SLU_ENV	Combination	Max	435.795	-33.533	-4.231	-0.0047
611	0.	SLU_ENV	Combination	Min	133.582	-88.837	-8.158	-0.0089
611	0.5	SLU_ENV	Combination	Min	139.865	-88.837	-8.158	-0.0089
611	1.	SLU_ENV	Combination	Min	146.148	-88.837	-8.158	-0.0089
611	0.	SLV_Ex	Combination		-500.368	140.614	15.209	-0.3808
611	0.5	SLV_Ex	Combination		-494.085	137.045	15.209	-0.3808
611	1.	SLV_Ex	Combination		-487.802	133.476	15.209	-0.3808
612	0.	SLU_ENV	Combination	Max	600.648	-33.533	-4.231	-0.0047
612	0.5	SLU_ENV	Combination	Max	609.13	-33.533	-4.231	-0.0047
612	1.	SLU_ENV	Combination	Max	617.612	-33.533	-4.231	-0.0047
612	0.	SLU_ENV	Combination	Min	208.375	-88.837	-8.158	-0.0089
612	0.5	SLU_ENV	Combination	Min	214.659	-88.837	-8.158	-0.0089
612	1.	SLU_ENV	Combination	Min	220.942	-88.837	-8.158	-0.0089
612	0.	SLV_Ex	Combination		-705.451	101.101	15.209	-0.3808
612	0.5	SLV_Ex	Combination		-699.168	97.532	15.209	-0.3808
612	1.	SLV_Ex	Combination		-692.884	93.963	15.209	-0.3808
613	0.	SLU_ENV	Combination	Max	-33.354	-1.08	0.529	0.
613	0.5	SLU_ENV	Combination	Max	-27.071	-1.08	0.529	0.
613	1.	SLU_ENV	Combination	Max	-20.788	-1.08	0.529	0.
613	0.	SLU_ENV	Combination	Min	-56.911	-2.858	-0.058	0.
613	0.5	SLU_ENV	Combination	Min	-48.429	-2.858	-0.058	0.
613	1.	SLU_ENV	Combination	Min	-39.947	-2.858	-0.058	0.
613	0.	SLV_Ex	Combination		-67.072	-39.746	2.836	0.
613	0.5	SLV_Ex	Combination		-60.789	-39.746	2.836	0.
613	1.	SLV_Ex	Combination		-54.506	-39.746	2.836	0.
618	0.	SLU_ENV	Combination	Max	-54.159	-0.63	0.818	0.
618	0.5	SLU_ENV	Combination	Max	-47.876	-0.63	0.818	0.
618	1.	SLU_ENV	Combination	Max	-41.593	-0.63	0.818	0.
618	0.	SLU_ENV	Combination	Min	-96.888	-1.649	-0.273	0.
618	0.5	SLU_ENV	Combination	Min	-88.406	-1.649	-0.273	0.
618	1.	SLU_ENV	Combination	Min	-79.924	-1.649	-0.273	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
618	0.	SLV_Ex	Combination		-121.617	-63.892	4.278	0.
618	0.5	SLV_Ex	Combination		-115.334	-63.892	4.278	0.
618	1.	SLV_Ex	Combination		-109.05	-63.892	4.278	0.
619	0.	SLU_ENV	Combination	Max	-74.995	3.672	0.857	0.
619	0.5	SLU_ENV	Combination	Max	-68.712	3.672	0.857	0.
619	1.	SLU_ENV	Combination	Max	-62.428	3.672	0.857	0.
619	0.	SLU_ENV	Combination	Min	-136.922	1.365	-0.646	-1.199E-15
619	0.5	SLU_ENV	Combination	Min	-128.439	1.365	-0.646	-1.199E-15
619	1.	SLU_ENV	Combination	Min	-119.957	1.365	-0.646	-1.199E-15
619	0.	SLV_Ex	Combination		-176.234	-71.787	4.28	0.
619	0.5	SLV_Ex	Combination		-169.951	-71.787	4.28	0.
619	1.	SLV_Ex	Combination		-163.668	-71.787	4.28	0.
620	0.	SLU_ENV	Combination	Max	-95.874	13.171	0.626	-8.882E-16
620	0.5	SLU_ENV	Combination	Max	-89.59	13.171	0.626	-8.882E-16
620	1.	SLU_ENV	Combination	Max	-83.307	13.171	0.626	-8.882E-16
620	0.	SLU_ENV	Combination	Min	-177.036	4.933	-1.171	-1.349E-15
620	0.5	SLU_ENV	Combination	Min	-168.554	4.933	-1.171	-1.349E-15
620	1.	SLU_ENV	Combination	Min	-160.071	4.933	-1.171	-1.349E-15
620	0.	SLV_Ex	Combination		-230.959	-61.784	2.729	-1.521E-14
620	0.5	SLV_Ex	Combination		-224.676	-61.784	2.729	-1.521E-14
620	1.	SLV_Ex	Combination		-218.393	-61.784	2.729	-1.521E-14
621	0.	SLU_ENV	Combination	Max	-116.809	26.851	0.089	-1.776E-15
621	0.5	SLU_ENV	Combination	Max	-110.526	26.851	0.089	-1.776E-15
621	1.	SLU_ENV	Combination	Max	-104.243	26.851	0.089	-1.776E-15
621	0.	SLU_ENV	Combination	Min	-217.257	10.074	-1.831	-4.946E-15
621	0.5	SLU_ENV	Combination	Min	-208.775	10.074	-1.831	-4.946E-15
621	1.	SLU_ENV	Combination	Min	-200.293	10.074	-1.831	-4.946E-15
621	0.	SLV_Ex	Combination		-285.826	-31.119	-0.553	-3.031E-14
621	0.5	SLV_Ex	Combination		-279.543	-31.119	-0.553	-3.031E-14
621	1.	SLV_Ex	Combination		-273.26	-31.119	-0.553	-3.031E-14
622	0.	SLU_ENV	Combination	Max	-137.814	44.506	-0.797	-1.776E-15
622	0.5	SLU_ENV	Combination	Max	-131.531	44.506	-0.797	-1.776E-15
622	1.	SLU_ENV	Combination	Max	-125.248	44.506	-0.797	-1.776E-15
622	0.	SLU_ENV	Combination	Min	-257.61	16.71	-2.592	-3.897E-15
622	0.5	SLU_ENV	Combination	Min	-249.128	16.71	-2.592	-3.897E-15
622	1.	SLU_ENV	Combination	Min	-240.646	16.71	-2.592	-3.897E-15
622	0.	SLV_Ex	Combination		-340.87	23.932	-5.786	-3.042E-14
622	0.5	SLV_Ex	Combination		-334.587	23.932	-5.786	-3.042E-14
622	1.	SLV_Ex	Combination		-328.304	23.932	-5.786	-3.042E-14
623	0.	SLU_ENV	Combination	Max	-158.903	65.497	-2.078	-2.665E-15
623	0.5	SLU_ENV	Combination	Max	-152.62	65.497	-2.078	-2.665E-15
623	1.	SLU_ENV	Combination	Max	-146.337	65.497	-2.078	-2.665E-15
623	0.	SLU_ENV	Combination	Min	-298.121	24.605	-3.391	-7.644E-15
623	0.5	SLU_ENV	Combination	Min	-289.639	24.605	-3.391	-7.644E-15
623	1.	SLU_ENV	Combination	Min	-281.156	24.605	-3.391	-7.644E-15
623	0.	SLV_Ex	Combination		-396.126	107.56	-13.181	-4.563E-14
623	0.5	SLV_Ex	Combination		-389.843	107.56	-13.181	-4.563E-14
623	1.	SLV_Ex	Combination		-383.559	107.56	-13.181	-4.563E-14
624	0.	SLU_ENV	Combination	Max	-180.088	88.483	-2.639	-2.665E-15
624	0.5	SLU_ENV	Combination	Max	-173.805	88.483	-2.639	-2.665E-15
624	1.	SLU_ENV	Combination	Max	-167.522	88.483	-2.639	-2.665E-15
624	0.	SLU_ENV	Combination	Min	-338.815	33.254	-5.269	-7.644E-15
624	0.5	SLU_ENV	Combination	Min	-330.333	33.254	-5.269	-7.644E-15
624	1.	SLU_ENV	Combination	Min	-321.85	33.254	-5.269	-7.644E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
624	0.	SLV_Ex	Combination		-451.628	223.551	-22.853	-5.984E-14
624	0.5	SLV_Ex	Combination		-445.345	223.551	-22.853	-5.984E-14
624	1.	SLV_Ex	Combination		-439.062	223.551	-22.853	-5.984E-14
625	0.	SLU_ENV	Combination	Max	200.013	88.483	-2.58	-0.0265
625	0.11716	SLU_ENV	Combination	Max	202.001	88.483	-2.58	-0.0265
625	0.11716	SLU_ENV	Combination	Max	202.001	88.483	-2.58	-0.0265
625	0.5	SLU_ENV	Combination	Max	208.496	88.483	-2.58	-0.0265
625	1.	SLU_ENV	Combination	Max	216.978	88.483	-2.58	-0.0265
625	0.	SLU_ENV	Combination	Min	28.44	33.254	-5.109	-0.0721
625	0.11716	SLU_ENV	Combination	Min	29.913	33.254	-5.109	-0.0721
625	0.11716	SLU_ENV	Combination	Min	29.913	33.254	-5.109	-0.0721
625	0.5	SLU_ENV	Combination	Min	34.723	33.254	-5.109	-0.0721
625	1.	SLU_ENV	Combination	Min	41.007	33.254	-5.109	-0.0721
625	0.	SLV_Ex	Combination		-53.099	223.551	-21.762	-0.4909
625	0.11716	SLV_Ex	Combination		-51.627	222.715	-21.762	-0.4909
625	0.11716	SLV_Ex	Combination		-51.627	222.715	-21.762	-0.4909
625	0.5	SLV_Ex	Combination		-46.816	219.982	-21.762	-0.4909
625	1.	SLV_Ex	Combination		-40.533	216.413	-21.762	-0.4909
626	0.	SLU_ENV	Combination	Max	381.173	88.483	-2.58	-0.0265
626	0.5	SLU_ENV	Combination	Max	389.655	88.483	-2.58	-0.0265
626	1.	SLU_ENV	Combination	Max	398.138	88.483	-2.58	-0.0265
626	0.	SLU_ENV	Combination	Min	102.715	33.254	-5.109	-0.0721
626	0.5	SLU_ENV	Combination	Min	108.998	33.254	-5.109	-0.0721
626	1.	SLU_ENV	Combination	Min	115.282	33.254	-5.109	-0.0721
626	0.	SLV_Ex	Combination		361.058	216.413	-21.762	-0.4909
626	0.5	SLV_Ex	Combination		367.342	212.844	-21.762	-0.4909
626	1.	SLV_Ex	Combination		373.625	209.275	-21.762	-0.4909
627	0.	SLU_ENV	Combination	Max	562.333	88.483	-2.58	-0.0265
627	0.5	SLU_ENV	Combination	Max	570.815	88.483	-2.58	-0.0265
627	1.	SLU_ENV	Combination	Max	579.297	88.483	-2.58	-0.0265
627	0.	SLU_ENV	Combination	Min	176.99	33.254	-5.109	-0.0721
627	0.5	SLU_ENV	Combination	Min	183.273	33.254	-5.109	-0.0721
627	1.	SLU_ENV	Combination	Min	189.557	33.254	-5.109	-0.0721
627	0.	SLV_Ex	Combination		761.971	209.275	-21.762	-0.4909
627	0.5	SLV_Ex	Combination		768.254	205.707	-21.762	-0.4909
627	1.	SLV_Ex	Combination		774.537	202.138	-21.762	-0.4909
628	0.	SLU_ENV	Combination	Max	0.	3.837E-14	0.	0.
628	0.5	SLU_ENV	Combination	Max	8.482	3.837E-14	0.	0.
628	1.	SLU_ENV	Combination	Max	16.965	3.837E-14	0.	0.
628	0.	SLU_ENV	Combination	Min	0.	-9.592E-15	-1.199E-15	0.
628	0.5	SLU_ENV	Combination	Min	6.283	-9.592E-15	-1.199E-15	0.
628	1.	SLU_ENV	Combination	Min	12.566	-9.592E-15	-1.199E-15	0.
628	0.	SLV_Ex	Combination		0.	3.631E-12	2.265E-13	0.
628	0.5	SLV_Ex	Combination		6.283	3.631E-12	2.265E-13	0.
628	1.	SLV_Ex	Combination		12.566	3.631E-12	2.265E-13	0.
633	0.	SLU_ENV	Combination	Max	-19.854	-0.05	0.589	0.
633	0.5	SLU_ENV	Combination	Max	-13.571	-0.05	0.589	0.
633	1.	SLU_ENV	Combination	Max	-7.288	-0.05	0.589	0.
633	0.	SLU_ENV	Combination	Min	-39.294	-0.081	-0.184	0.
633	0.5	SLU_ENV	Combination	Min	-30.812	-0.081	-0.184	0.
633	1.	SLU_ENV	Combination	Min	-22.33	-0.081	-0.184	0.
633	0.	SLV_Ex	Combination		-52.348	-42.976	2.969	0.
633	0.5	SLV_Ex	Combination		-46.065	-42.976	2.969	0.
633	1.	SLV_Ex	Combination		-39.781	-42.976	2.969	0.

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
634	0.	SLU_ENV	Combination	Max	-39.717	4.511	0.725	-4.441E-16
634	0.5	SLU_ENV	Combination	Max	-33.433	4.511	0.725	-4.441E-16
634	1.	SLU_ENV	Combination	Max	-27.15	4.511	0.725	-4.441E-16
634	0.	SLU_ENV	Combination	Min	-78.608	1.649	-0.699	-6.370E-16
634	0.5	SLU_ENV	Combination	Min	-70.126	1.649	-0.699	-6.370E-16
634	1.	SLU_ENV	Combination	Min	-61.644	1.649	-0.699	-6.370E-16
634	0.	SLV_Ex	Combination		-104.725	-64.064	3.59	-4.718E-16
634	0.5	SLV_Ex	Combination		-98.441	-64.064	3.59	-4.718E-16
634	1.	SLV_Ex	Combination		-92.158	-64.064	3.59	-4.718E-16
635	0.	SLU_ENV	Combination	Max	-59.6	13.771	0.398	0.
635	0.5	SLU_ENV	Combination	Max	-53.317	13.771	0.398	0.
635	1.	SLU_ENV	Combination	Max	-47.034	13.771	0.398	0.
635	0.	SLU_ENV	Combination	Min	-117.966	5.097	-1.54	-6.370E-16
635	0.5	SLU_ENV	Combination	Min	-109.484	5.097	-1.54	-6.370E-16
635	1.	SLU_ENV	Combination	Min	-101.002	5.097	-1.54	-6.370E-16
635	0.	SLV_Ex	Combination		-157.164	-62.563	1.817	-1.424E-14
635	0.5	SLV_Ex	Combination		-150.88	-62.563	1.817	-1.424E-14
635	1.	SLV_Ex	Combination		-144.597	-62.563	1.817	-1.424E-14
636	0.	SLU_ENV	Combination	Max	-79.518	27.621	-0.412	-8.882E-16
636	0.5	SLU_ENV	Combination	Max	-73.235	27.621	-0.412	-8.882E-16
636	1.	SLU_ENV	Combination	Max	-66.951	27.621	-0.412	-8.882E-16
636	0.	SLU_ENV	Combination	Min	-157.394	10.266	-2.694	-2.510E-15
636	0.5	SLU_ENV	Combination	Min	-148.912	10.266	-2.694	-2.510E-15
636	1.	SLU_ENV	Combination	Min	-140.429	10.266	-2.694	-2.510E-15
636	0.	SLV_Ex	Combination		-209.698	-36.782	-2.453	-2.939E-14
636	0.5	SLV_Ex	Combination		-203.415	-36.782	-2.453	-2.939E-14
636	1.	SLV_Ex	Combination		-197.132	-36.782	-2.453	-2.939E-14
637	0.	SLU_ENV	Combination	Max	-99.481	45.759	-1.731	-4.441E-16
637	0.5	SLU_ENV	Combination	Max	-93.198	45.759	-1.731	-4.441E-16
637	1.	SLU_ENV	Combination	Max	-86.915	45.759	-1.731	-4.441E-16
637	0.	SLU_ENV	Combination	Min	-196.915	17.043	-4.12	-1.874E-15
637	0.5	SLU_ENV	Combination	Min	-188.433	17.043	-4.12	-1.874E-15
637	1.	SLU_ENV	Combination	Min	-179.951	17.043	-4.12	-1.874E-15
637	0.	SLV_Ex	Combination		-262.362	15.936	-9.348	-2.892E-14
637	0.5	SLV_Ex	Combination		-256.078	15.936	-9.348	-2.892E-14
637	1.	SLV_Ex	Combination		-249.795	15.936	-9.348	-2.892E-14
638	0.	SLU_ENV	Combination	Max	-119.504	67.445	-3.579	-1.332E-15
638	0.5	SLU_ENV	Combination	Max	-113.221	67.445	-3.579	-1.332E-15
638	1.	SLU_ENV	Combination	Max	-106.938	67.445	-3.579	-1.332E-15
638	0.	SLU_ENV	Combination	Min	-236.556	25.155	-5.736	-3.747E-15
638	0.5	SLU_ENV	Combination	Min	-228.074	25.155	-5.736	-3.747E-15
638	1.	SLU_ENV	Combination	Min	-219.592	25.155	-5.736	-3.747E-15
638	0.	SLV_Ex	Combination		-315.187	98.806	-18.955	-4.408E-14
638	0.5	SLV_Ex	Combination		-308.904	98.806	-18.955	-4.408E-14
638	1.	SLV_Ex	Combination		-302.62	98.806	-18.955	-4.408E-14
639	0.	SLU_ENV	Combination	Max	-139.599	91.209	-4.784	-1.332E-15
639	0.5	SLU_ENV	Combination	Max	-133.315	91.209	-4.784	-1.332E-15
639	1.	SLU_ENV	Combination	Max	-127.032	91.209	-4.784	-1.332E-15
639	0.	SLU_ENV	Combination	Min	-276.342	34.056	-8.559	-3.784E-15
639	0.5	SLU_ENV	Combination	Min	-267.859	34.056	-8.559	-3.784E-15
639	1.	SLU_ENV	Combination	Min	-259.377	34.056	-8.559	-3.784E-15
639	0.	SLV_Ex	Combination		-368.207	214.761	-31.211	-4.410E-14
639	0.5	SLV_Ex	Combination		-361.924	214.761	-31.211	-4.410E-14
639	1.	SLV_Ex	Combination		-355.641	214.761	-31.211	-4.410E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
640	0.	SLU_ENV	Combination	Max	282.177	91.607	-4.76	-0.0111
640	0.5	SLU_ENV	Combination	Max	290.659	91.607	-4.76	-0.0111
640	1.	SLU_ENV	Combination	Max	299.142	91.607	-4.76	-0.0111
640	0.	SLU_ENV	Combination	Min	73.855	34.207	-8.518	-0.0182
640	0.5	SLU_ENV	Combination	Min	80.138	34.207	-8.518	-0.0182
640	1.	SLU_ENV	Combination	Min	86.422	34.207	-8.518	-0.0182
640	0.	SLV_Ex	Combination		63.647	220.199	-30.427	-0.3528
640	0.5	SLV_Ex	Combination		69.93	216.63	-30.427	-0.3528
640	1.	SLV_Ex	Combination		76.213	213.061	-30.427	-0.3528
641	0.	SLU_ENV	Combination	Max	469.135	91.607	-4.76	-0.0111
641	0.5	SLU_ENV	Combination	Max	477.617	91.607	-4.76	-0.0111
641	1.	SLU_ENV	Combination	Max	486.099	91.607	-4.76	-0.0111
641	0.	SLU_ENV	Combination	Min	149.899	34.207	-8.518	-0.0182
641	0.5	SLU_ENV	Combination	Min	156.182	34.207	-8.518	-0.0182
641	1.	SLU_ENV	Combination	Min	162.465	34.207	-8.518	-0.0182
641	0.	SLV_Ex	Combination		471.584	213.061	-30.427	-0.3528
641	0.5	SLV_Ex	Combination		477.868	209.492	-30.427	-0.3528
641	1.	SLV_Ex	Combination		484.151	205.923	-30.427	-0.3528
642	0.	SLU_ENV	Combination	Max	656.093	91.607	-4.76	-0.0111
642	0.5	SLU_ENV	Combination	Max	664.575	91.607	-4.76	-0.0111
642	1.	SLU_ENV	Combination	Max	673.057	91.607	-4.76	-0.0111
642	0.	SLU_ENV	Combination	Min	225.943	34.207	-8.518	-0.0182
642	0.5	SLU_ENV	Combination	Min	232.226	34.207	-8.518	-0.0182
642	1.	SLU_ENV	Combination	Min	238.509	34.207	-8.518	-0.0182
642	0.	SLV_Ex	Combination		866.277	205.923	-30.427	-0.3528
642	0.5	SLV_Ex	Combination		872.56	202.355	-30.427	-0.3528
642	1.	SLV_Ex	Combination		878.843	198.786	-30.427	-0.3528
643	0.	SLU_ENV	Combination	Max	0.	7.674E-14	4.496E-15	0.
643	0.5	SLU_ENV	Combination	Max	8.482	7.674E-14	4.496E-15	0.
643	1.	SLU_ENV	Combination	Max	16.965	7.674E-14	4.496E-15	0.
643	0.	SLU_ENV	Combination	Min	0.	-9.592E-15	-3.482E-14	0.
643	0.5	SLU_ENV	Combination	Min	6.283	-9.592E-15	-3.482E-14	0.
643	1.	SLU_ENV	Combination	Min	12.566	-9.592E-15	-3.482E-14	0.
643	0.	SLV_Ex	Combination		0.	-7.105E-15	4.581E-13	0.
643	0.5	SLV_Ex	Combination		6.283	-7.105E-15	4.581E-13	0.
643	1.	SLV_Ex	Combination		12.566	-7.105E-15	4.581E-13	0.
648	0.	SLU_ENV	Combination	Max	-18.653	-0.087	0.573	0.
648	0.5	SLU_ENV	Combination	Max	-12.37	-0.087	0.573	0.
648	1.	SLU_ENV	Combination	Max	-6.087	-0.087	0.573	0.
648	0.	SLU_ENV	Combination	Min	-38.184	-0.18	-0.214	0.
648	0.5	SLU_ENV	Combination	Min	-29.702	-0.18	-0.214	0.
648	1.	SLU_ENV	Combination	Min	-21.219	-0.18	-0.214	0.
648	0.	SLV_Ex	Combination		-49.767	-42.92	2.861	0.
648	0.5	SLV_Ex	Combination		-43.484	-42.92	2.861	0.
648	1.	SLV_Ex	Combination		-37.201	-42.92	2.861	0.
649	0.	SLU_ENV	Combination	Max	-37.314	4.098	0.768	9.368E-18
649	0.5	SLU_ENV	Combination	Max	-31.03	4.098	0.768	9.368E-18
649	1.	SLU_ENV	Combination	Max	-24.747	4.098	0.768	9.368E-18
649	0.	SLU_ENV	Combination	Min	-76.387	1.497	-0.642	6.939E-18
649	0.5	SLU_ENV	Combination	Min	-67.905	1.497	-0.642	6.939E-18
649	1.	SLU_ENV	Combination	Min	-59.422	1.497	-0.642	6.939E-18
649	0.	SLV_Ex	Combination		-99.562	-64.417	3.752	6.939E-18
649	0.5	SLV_Ex	Combination		-93.279	-64.417	3.752	6.939E-18
649	1.	SLV_Ex	Combination		-86.996	-64.417	3.752	6.939E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
650	0.	SLU_ENV	Combination	Max	-55.994	12.832	0.578	2.810E-17
650	0.5	SLU_ENV	Combination	Max	-49.711	12.832	0.578	2.810E-17
650	1.	SLU_ENV	Combination	Max	-43.428	12.832	0.578	2.810E-17
650	0.	SLU_ENV	Combination	Min	-114.633	4.752	-1.281	-1.429E-16
650	0.5	SLU_ENV	Combination	Min	-106.15	4.752	-1.281	-1.429E-16
650	1.	SLU_ENV	Combination	Min	-97.668	4.752	-1.281	-1.429E-16
650	0.	SLV_Ex	Combination		-149.416	-63.793	2.628	-1.419E-14
650	0.5	SLV_Ex	Combination		-143.133	-63.793	2.628	-1.419E-14
650	1.	SLV_Ex	Combination		-136.85	-63.793	2.628	-1.419E-14
651	0.	SLU_ENV	Combination	Max	-74.706	25.951	-0.021	7.494E-17
651	0.5	SLU_ENV	Combination	Max	-68.423	25.951	-0.021	7.494E-17
651	1.	SLU_ENV	Combination	Max	-62.139	25.951	-0.021	7.494E-17
651	0.	SLU_ENV	Combination	Min	-152.946	9.651	-2.115	-1.360E-16
651	0.5	SLU_ENV	Combination	Min	-144.463	9.651	-2.115	-1.360E-16
651	1.	SLU_ENV	Combination	Min	-135.981	9.651	-2.115	-1.360E-16
651	0.	SLV_Ex	Combination		-199.361	-39.349	-0.614	-1.416E-14
651	0.5	SLV_Ex	Combination		-193.077	-39.349	-0.614	-1.416E-14
651	1.	SLV_Ex	Combination		-186.794	-39.349	-0.614	-1.416E-14
652	0.	SLU_ENV	Combination	Max	-93.461	43.179	-1.056	6.557E-17
652	0.5	SLU_ENV	Combination	Max	-87.178	43.179	-1.056	6.557E-17
652	1.	SLU_ENV	Combination	Max	-80.894	43.179	-1.056	6.557E-17
652	0.	SLU_ENV	Combination	Min	-191.35	16.094	-3.11	-2.789E-16
652	0.5	SLU_ENV	Combination	Min	-182.868	16.094	-3.11	-2.789E-16
652	1.	SLU_ENV	Combination	Min	-174.385	16.094	-3.11	-2.789E-16
652	0.	SLV_Ex	Combination		-249.427	11.597	-6.119	-2.837E-14
652	0.5	SLV_Ex	Combination		-243.144	11.597	-6.119	-2.837E-14
652	1.	SLV_Ex	Combination		-236.861	11.597	-6.119	-2.837E-14
653	0.	SLU_ENV	Combination	Max	-112.271	63.823	-2.557	1.218E-16
653	0.5	SLU_ENV	Combination	Max	-105.988	63.823	-2.557	1.218E-16
653	1.	SLU_ENV	Combination	Max	-99.705	63.823	-2.557	1.218E-16
653	0.	SLU_ENV	Combination	Min	-229.87	23.824	-4.199	-2.651E-16
653	0.5	SLU_ENV	Combination	Min	-221.388	23.824	-4.199	-2.651E-16
653	1.	SLU_ENV	Combination	Min	-212.906	23.824	-4.199	-2.651E-16
653	0.	SLV_Ex	Combination		-299.648	92.325	-14.018	-4.254E-14
653	0.5	SLV_Ex	Combination		-293.365	92.325	-14.018	-4.254E-14
653	1.	SLV_Ex	Combination		-287.081	92.325	-14.018	-4.254E-14
654	0.	SLU_ENV	Combination	Max	-131.148	86.507	-3.415	9.368E-17
654	0.5	SLU_ENV	Combination	Max	-124.865	86.507	-3.415	9.368E-17
654	1.	SLU_ENV	Combination	Max	-118.582	86.507	-3.415	9.368E-17
654	0.	SLU_ENV	Combination	Min	-268.53	32.328	-6.386	-4.219E-16
654	0.5	SLU_ENV	Combination	Min	-260.048	32.328	-6.386	-4.219E-16
654	1.	SLU_ENV	Combination	Min	-251.566	32.328	-6.386	-4.219E-16
654	0.	SLV_Ex	Combination		-350.054	205.905	-24.341	-4.256E-14
654	0.5	SLV_Ex	Combination		-343.771	205.905	-24.341	-4.256E-14
654	1.	SLV_Ex	Combination		-337.487	205.905	-24.341	-4.256E-14
655	0.	SLU_ENV	Combination	Max	259.851	86.896	-3.415	0.0132
655	0.5	SLU_ENV	Combination	Max	268.334	86.896	-3.415	0.0132
655	1.	SLU_ENV	Combination	Max	276.816	86.896	-3.415	0.0132
655	0.	SLU_ENV	Combination	Min	71.288	32.475	-6.416	1.357E-04
655	0.5	SLU_ENV	Combination	Min	77.571	32.475	-6.416	1.357E-04
655	1.	SLU_ENV	Combination	Min	83.854	32.475	-6.416	1.357E-04
655	0.	SLV_Ex	Combination		29.959	211.3	-23.634	-0.3182
655	0.5	SLV_Ex	Combination		36.242	207.731	-23.634	-0.3182
655	1.	SLV_Ex	Combination		42.525	204.162	-23.634	-0.3182

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
656	0.	SLU_ENV	Combination	Max	438.066	86.896	-3.415	0.0132
656	0.5	SLU_ENV	Combination	Max	446.548	86.896	-3.415	0.0132
656	1.	SLU_ENV	Combination	Max	455.03	86.896	-3.415	0.0132
656	0.	SLU_ENV	Combination	Min	144.118	32.475	-6.416	1.357E-04
656	0.5	SLU_ENV	Combination	Min	150.401	32.475	-6.416	1.357E-04
656	1.	SLU_ENV	Combination	Min	156.685	32.475	-6.416	1.357E-04
656	0.	SLV_Ex	Combination		421.383	204.162	-23.634	-0.3182
656	0.5	SLV_Ex	Combination		427.666	200.593	-23.634	-0.3182
656	1.	SLV_Ex	Combination		433.949	197.024	-23.634	-0.3182
657	0.	SLU_ENV	Combination	Max	616.28	86.896	-3.415	0.0132
657	0.5	SLU_ENV	Combination	Max	624.762	86.896	-3.415	0.0132
657	1.	SLU_ENV	Combination	Max	633.245	86.896	-3.415	0.0132
657	0.	SLU_ENV	Combination	Min	216.948	32.475	-6.416	1.357E-04
657	0.5	SLU_ENV	Combination	Min	223.231	32.475	-6.416	1.357E-04
657	1.	SLU_ENV	Combination	Min	229.515	32.475	-6.416	1.357E-04
657	0.	SLV_Ex	Combination		799.561	197.024	-23.634	-0.3182
657	0.5	SLV_Ex	Combination		805.844	193.455	-23.634	-0.3182
657	1.	SLV_Ex	Combination		812.127	189.887	-23.634	-0.3182
658	0.	SLU_ENV	Combination	Max	-34.07	-1.08	0.498	0.
658	0.5	SLU_ENV	Combination	Max	-27.787	-1.08	0.498	0.
658	1.	SLU_ENV	Combination	Max	-21.504	-1.08	0.498	0.
658	0.	SLU_ENV	Combination	Min	-58.832	-2.858	-0.079	0.
658	0.5	SLU_ENV	Combination	Min	-50.35	-2.858	-0.079	0.
658	1.	SLU_ENV	Combination	Min	-41.867	-2.858	-0.079	0.
658	0.	SLV_Ex	Combination		-37.206	-39.746	2.574	0.
658	0.5	SLV_Ex	Combination		-30.923	-39.746	2.574	0.
658	1.	SLV_Ex	Combination		-24.64	-39.746	2.574	0.
663	0.	SLU_ENV	Combination	Max	-55.591	-0.63	0.784	0.
663	0.5	SLU_ENV	Combination	Max	-49.308	-0.63	0.784	0.
663	1.	SLU_ENV	Combination	Max	-43.025	-0.63	0.784	0.
663	0.	SLU_ENV	Combination	Min	-100.731	-1.649	-0.296	0.
663	0.5	SLU_ENV	Combination	Min	-92.249	-1.649	-0.296	0.
663	1.	SLU_ENV	Combination	Min	-83.767	-1.649	-0.296	0.
663	0.	SLV_Ex	Combination		-61.865	-63.892	3.999	0.
663	0.5	SLV_Ex	Combination		-55.582	-63.892	3.999	0.
663	1.	SLV_Ex	Combination		-49.299	-63.892	3.999	0.
664	0.	SLU_ENV	Combination	Max	-77.144	3.672	0.852	0.
664	0.5	SLU_ENV	Combination	Max	-70.86	3.672	0.852	0.
664	1.	SLU_ENV	Combination	Max	-64.577	3.672	0.852	0.
664	0.	SLU_ENV	Combination	Min	-142.689	1.365	-0.65	-1.199E-15
664	0.5	SLU_ENV	Combination	Min	-134.207	1.365	-0.65	-1.199E-15
664	1.	SLU_ENV	Combination	Min	-125.725	1.365	-0.65	-1.199E-15
664	0.	SLV_Ex	Combination		-86.56	-71.787	4.234	0.
664	0.5	SLV_Ex	Combination		-80.277	-71.787	4.234	0.
664	1.	SLV_Ex	Combination		-73.994	-71.787	4.234	0.
665	0.	SLU_ENV	Combination	Max	-98.741	13.171	0.679	-8.882E-16
665	0.5	SLU_ENV	Combination	Max	-92.458	13.171	0.679	-8.882E-16
665	1.	SLU_ENV	Combination	Max	-86.174	13.171	0.679	-8.882E-16
665	0.	SLU_ENV	Combination	Min	-184.732	4.933	-1.135	-1.349E-15
665	0.5	SLU_ENV	Combination	Min	-176.249	4.933	-1.135	-1.349E-15
665	1.	SLU_ENV	Combination	Min	-167.767	4.933	-1.135	-1.349E-15
665	0.	SLV_Ex	Combination		-111.305	-61.784	3.174	-1.521E-14
665	0.5	SLV_Ex	Combination		-105.022	-61.784	3.174	-1.521E-14
665	1.	SLV_Ex	Combination		-98.739	-61.784	3.174	-1.521E-14



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
666	0.	SLU_ENV	Combination	Max	-120.396	26.851	0.233	-1.776E-15
666	0.5	SLU_ENV	Combination	Max	-114.113	26.851	0.233	-1.776E-15
666	1.	SLU_ENV	Combination	Max	-107.83	26.851	0.233	-1.776E-15
666	0.	SLU_ENV	Combination	Min	-226.886	10.074	-1.733	-4.946E-15
666	0.5	SLU_ENV	Combination	Min	-218.404	10.074	-1.733	-4.946E-15
666	1.	SLU_ENV	Combination	Min	-209.921	10.074	-1.733	-4.946E-15
666	0.	SLV_Ex	Combination		-136.117	-31.119	0.648	-3.031E-14
666	0.5	SLV_Ex	Combination		-129.834	-31.119	0.648	-3.031E-14
666	1.	SLV_Ex	Combination		-123.55	-31.119	0.648	-3.031E-14
667	0.	SLU_ENV	Combination	Max	-142.124	44.506	-0.531	-1.776E-15
667	0.5	SLU_ENV	Combination	Max	-135.841	44.506	-0.531	-1.776E-15
667	1.	SLU_ENV	Combination	Max	-129.558	44.506	-0.531	-1.776E-15
667	0.	SLU_ENV	Combination	Min	-269.178	16.71	-2.411	-3.897E-15
667	0.5	SLU_ENV	Combination	Min	-260.696	16.71	-2.411	-3.897E-15
667	1.	SLU_ENV	Combination	Min	-252.214	16.71	-2.411	-3.897E-15
667	0.	SLV_Ex	Combination		-161.011	23.932	-3.561	-3.042E-14
667	0.5	SLV_Ex	Combination		-154.727	23.932	-3.561	-3.042E-14
667	1.	SLV_Ex	Combination		-148.444	23.932	-3.561	-3.042E-14
668	0.	SLU_ENV	Combination	Max	-163.938	65.497	-1.66	-2.665E-15
668	0.5	SLU_ENV	Combination	Max	-157.655	65.497	-1.66	-2.665E-15
668	1.	SLU_ENV	Combination	Max	-151.372	65.497	-1.66	-2.665E-15
668	0.	SLU_ENV	Combination	Min	-311.635	24.605	-3.106	-7.644E-15
668	0.5	SLU_ENV	Combination	Min	-303.153	24.605	-3.106	-7.644E-15
668	1.	SLU_ENV	Combination	Min	-294.671	24.605	-3.106	-7.644E-15
668	0.	SLV_Ex	Combination		-186.002	107.56	-9.68	-4.563E-14
668	0.5	SLV_Ex	Combination		-179.719	107.56	-9.68	-4.563E-14
668	1.	SLV_Ex	Combination		-173.436	107.56	-9.68	-4.563E-14
669	0.	SLU_ENV	Combination	Max	-185.852	88.483	-2.37	-2.665E-15
669	0.5	SLU_ENV	Combination	Max	-179.569	88.483	-2.37	-2.665E-15
669	1.	SLU_ENV	Combination	Max	-173.285	88.483	-2.37	-2.665E-15
669	0.	SLU_ENV	Combination	Min	-354.284	33.254	-4.539	-7.644E-15
669	0.5	SLU_ENV	Combination	Min	-345.802	33.254	-4.539	-7.644E-15
669	1.	SLU_ENV	Combination	Min	-337.32	33.254	-4.539	-7.644E-15
669	0.	SLV_Ex	Combination		-211.108	223.551	-17.881	-5.984E-14
669	0.5	SLV_Ex	Combination		-204.825	223.551	-17.881	-5.984E-14
669	1.	SLV_Ex	Combination		-198.541	223.551	-17.881	-5.984E-14
670	0.	SLU_ENV	Combination	Max	-369.248	88.483	-2.429	-0.0265
670	0.5	SLU_ENV	Combination	Max	-362.964	88.483	-2.429	-0.0265
670	1.	SLU_ENV	Combination	Max	-356.681	88.483	-2.429	-0.0265
670	0.	SLU_ENV	Combination	Min	-859.184	33.254	-4.699	-0.0721
670	0.5	SLU_ENV	Combination	Min	-850.701	33.254	-4.699	-0.0721
670	1.	SLU_ENV	Combination	Min	-842.219	33.254	-4.699	-0.0721
670	0.	SLV_Ex	Combination		-584.504	223.551	-18.972	-0.4909
670	0.5	SLV_Ex	Combination		-578.221	219.982	-18.972	-0.4909
670	1.	SLV_Ex	Combination		-571.937	216.413	-18.972	-0.4909
671	0.	SLU_ENV	Combination	Max	-418.39	88.483	-2.429	-0.0265
671	0.5	SLU_ENV	Combination	Max	-412.107	88.483	-2.429	-0.0265
671	1.	SLU_ENV	Combination	Max	-405.823	88.483	-2.429	-0.0265
671	0.	SLU_ENV	Combination	Min	-1006.414	33.254	-4.699	-0.0721
671	0.5	SLU_ENV	Combination	Min	-997.932	33.254	-4.699	-0.0721
671	1.	SLU_ENV	Combination	Min	-989.449	33.254	-4.699	-0.0721
671	0.	SLV_Ex	Combination		-973.529	216.413	-18.972	-0.4909
671	0.5	SLV_Ex	Combination		-967.246	212.844	-18.972	-0.4909
671	1.	SLV_Ex	Combination		-960.962	209.275	-18.972	-0.4909

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P	V2	V3	T
					KN	KN	KN	KN-m
672	0.	SLU_ENV	Combination	Max	-467.532	88.483	-2.429	-0.0265
672	0.5	SLU_ENV	Combination	Max	-461.249	88.483	-2.429	-0.0265
672	1.	SLU_ENV	Combination	Max	-454.966	88.483	-2.429	-0.0265
672	0.	SLU_ENV	Combination	Min	-1153.644	33.254	-4.699	-0.0721
672	0.5	SLU_ENV	Combination	Min	-1145.162	33.254	-4.699	-0.0721
672	1.	SLU_ENV	Combination	Min	-1136.68	33.254	-4.699	-0.0721
672	0.	SLV_Ex	Combination		-1349.308	209.275	-18.972	-0.4909
672	0.5	SLV_Ex	Combination		-1343.025	205.707	-18.972	-0.4909
672	1.	SLV_Ex	Combination		-1336.742	202.138	-18.972	-0.4909
673	0.	SLU_ENV	Combination	Max	-33.019	-1.1	0.655	0.
673	0.5	SLU_ENV	Combination	Max	-26.736	-1.1	0.655	0.
673	1.	SLU_ENV	Combination	Max	-20.453	-1.1	0.655	0.
673	0.	SLU_ENV	Combination	Min	-58.054	-2.904	0.044	0.
673	0.5	SLU_ENV	Combination	Min	-49.571	-2.904	0.044	0.
673	1.	SLU_ENV	Combination	Min	-41.089	-2.904	0.044	0.
673	0.	SLV_Ex	Combination		-34.982	-39.618	3.012	0.
673	0.5	SLV_Ex	Combination		-28.699	-39.618	3.012	0.
673	1.	SLV_Ex	Combination		-22.416	-39.618	3.012	0.
678	0.	SLU_ENV	Combination	Max	-53.489	-0.622	0.903	0.
678	0.5	SLU_ENV	Combination	Max	-47.206	-0.622	0.903	0.
678	1.	SLU_ENV	Combination	Max	-40.923	-0.622	0.903	0.
678	0.	SLU_ENV	Combination	Min	-99.174	-1.59	-0.148	0.
678	0.5	SLU_ENV	Combination	Min	-90.692	-1.59	-0.148	0.
678	1.	SLU_ENV	Combination	Min	-82.209	-1.59	-0.148	0.
678	0.	SLV_Ex	Combination		-57.416	-63.572	4.407	0.
678	0.5	SLV_Ex	Combination		-51.133	-63.572	4.407	0.
678	1.	SLV_Ex	Combination		-44.85	-63.572	4.407	0.
679	0.	SLU_ENV	Combination	Max	-73.989	3.987	0.837	-4.441E-16
679	0.5	SLU_ENV	Combination	Max	-67.706	3.987	0.837	-4.441E-16
679	1.	SLU_ENV	Combination	Max	-61.423	3.987	0.837	-4.441E-16
679	0.	SLU_ENV	Combination	Min	-140.352	1.451	-0.684	-6.370E-16
679	0.5	SLU_ENV	Combination	Min	-131.869	1.451	-0.684	-6.370E-16
679	1.	SLU_ENV	Combination	Min	-123.387	1.451	-0.684	-6.370E-16
679	0.	SLV_Ex	Combination		-79.883	-71.213	4.135	-4.718E-16
679	0.5	SLV_Ex	Combination		-73.6	-71.213	4.135	-4.718E-16
679	1.	SLV_Ex	Combination		-67.317	-71.213	4.135	-4.718E-16
680	0.	SLU_ENV	Combination	Max	-94.532	13.893	0.399	0.
680	0.5	SLU_ENV	Combination	Max	-88.249	13.893	0.399	0.
680	1.	SLU_ENV	Combination	Max	-81.965	13.893	0.399	0.
680	0.	SLU_ENV	Combination	Min	-181.613	5.143	-1.527	-6.370E-16
680	0.5	SLU_ENV	Combination	Min	-173.13	5.143	-1.527	-6.370E-16
680	1.	SLU_ENV	Combination	Min	-164.648	5.143	-1.527	-6.370E-16
680	0.	SLV_Ex	Combination		-102.396	-60.903	2.08	-1.424E-14
680	0.5	SLV_Ex	Combination		-96.113	-60.903	2.08	-1.424E-14
680	1.	SLV_Ex	Combination		-89.83	-60.903	2.08	-1.424E-14
681	0.	SLU_ENV	Combination	Max	-115.13	28.126	-0.448	-8.882E-16
681	0.5	SLU_ENV	Combination	Max	-108.847	28.126	-0.448	-8.882E-16
681	1.	SLU_ENV	Combination	Max	-102.564	28.126	-0.448	-8.882E-16
681	0.	SLU_ENV	Combination	Min	-222.983	10.457	-2.664	-2.510E-15
681	0.5	SLU_ENV	Combination	Min	-214.501	10.457	-2.664	-2.510E-15
681	1.	SLU_ENV	Combination	Min	-206.019	10.457	-2.664	-2.510E-15
681	0.	SLV_Ex	Combination		-124.97	-29.891	-1.939	-2.939E-14
681	0.5	SLV_Ex	Combination		-118.687	-29.891	-1.939	-2.939E-14
681	1.	SLV_Ex	Combination		-112.403	-29.891	-1.939	-2.939E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
682	0.	SLU_ENV	Combination	Max	-135.797	46.462	-1.747	-4.441E-16
682	0.5	SLU_ENV	Combination	Max	-129.514	46.462	-1.747	-4.441E-16
682	1.	SLU_ENV	Combination	Max	-123.231	46.462	-1.747	-4.441E-16
682	0.	SLU_ENV	Combination	Min	-264.49	17.309	-4.058	-1.874E-15
682	0.5	SLU_ENV	Combination	Min	-256.007	17.309	-4.058	-1.874E-15
682	1.	SLU_ENV	Combination	Min	-247.525	17.309	-4.058	-1.874E-15
682	0.	SLV_Ex	Combination		-147.619	25.513	-8.134	-2.892E-14
682	0.5	SLV_Ex	Combination		-141.335	25.513	-8.134	-2.892E-14
682	1.	SLV_Ex	Combination		-135.052	25.513	-8.134	-2.892E-14
683	0.	SLU_ENV	Combination	Max	-156.547	68.226	-3.533	-1.332E-15
683	0.5	SLU_ENV	Combination	Max	-150.264	68.226	-3.533	-1.332E-15
683	1.	SLU_ENV	Combination	Max	-143.98	68.226	-3.533	-1.332E-15
683	0.	SLU_ENV	Combination	Min	-306.158	25.451	-5.629	-3.747E-15
683	0.5	SLU_ENV	Combination	Min	-297.676	25.451	-5.629	-3.747E-15
683	1.	SLU_ENV	Combination	Min	-289.193	25.451	-5.629	-3.747E-15
683	0.	SLV_Ex	Combination		-170.357	109.452	-16.684	-4.408E-14
683	0.5	SLV_Ex	Combination		-164.074	109.452	-16.684	-4.408E-14
683	1.	SLV_Ex	Combination		-157.791	109.452	-16.684	-4.408E-14
684	0.	SLU_ENV	Combination	Max	-177.391	92.006	-4.672	-1.332E-15
684	0.5	SLU_ENV	Combination	Max	-171.108	92.006	-4.672	-1.332E-15
684	1.	SLU_ENV	Combination	Max	-164.825	92.006	-4.672	-1.332E-15
684	0.	SLU_ENV	Combination	Min	-348.014	34.358	-8.374	-3.784E-15
684	0.5	SLU_ENV	Combination	Min	-339.532	34.358	-8.374	-3.784E-15
684	1.	SLU_ENV	Combination	Min	-331.05	34.358	-8.374	-3.784E-15
684	0.	SLV_Ex	Combination		-193.199	225.637	-27.638	-4.410E-14
684	0.5	SLV_Ex	Combination		-186.916	225.637	-27.638	-4.410E-14
684	1.	SLV_Ex	Combination		-180.633	225.637	-27.638	-4.410E-14
685	0.	SLU_ENV	Combination	Max	-365.712	91.607	-4.697	-0.0111
685	0.5	SLU_ENV	Combination	Max	-359.429	91.607	-4.697	-0.0111
685	1.	SLU_ENV	Combination	Max	-353.146	91.607	-4.697	-0.0111
685	0.	SLU_ENV	Combination	Min	-872.604	34.207	-8.415	-0.0182
685	0.5	SLU_ENV	Combination	Min	-864.122	34.207	-8.415	-0.0182
685	1.	SLU_ENV	Combination	Min	-855.639	34.207	-8.415	-0.0182
685	0.	SLV_Ex	Combination		-599.921	220.199	-28.422	-0.3528
685	0.5	SLV_Ex	Combination		-593.637	216.63	-28.422	-0.3528
685	1.	SLV_Ex	Combination		-587.354	213.061	-28.422	-0.3528
686	0.	SLU_ENV	Combination	Max	-416.623	91.607	-4.697	-0.0111
686	0.5	SLU_ENV	Combination	Max	-410.34	91.607	-4.697	-0.0111
686	1.	SLU_ENV	Combination	Max	-404.057	91.607	-4.697	-0.0111
686	0.	SLU_ENV	Combination	Min	-1025.632	34.207	-8.415	-0.0182
686	0.5	SLU_ENV	Combination	Min	-1017.15	34.207	-8.415	-0.0182
686	1.	SLU_ENV	Combination	Min	-1008.668	34.207	-8.415	-0.0182
686	0.	SLV_Ex	Combination		-982.725	213.061	-28.422	-0.3528
686	0.5	SLV_Ex	Combination		-976.442	209.492	-28.422	-0.3528
686	1.	SLV_Ex	Combination		-970.159	205.923	-28.422	-0.3528
687	0.	SLU_ENV	Combination	Max	-467.534	91.607	-4.697	-0.0111
687	0.5	SLU_ENV	Combination	Max	-461.251	91.607	-4.697	-0.0111
687	1.	SLU_ENV	Combination	Max	-454.968	91.607	-4.697	-0.0111
687	0.	SLU_ENV	Combination	Min	-1178.661	34.207	-8.415	-0.0182
687	0.5	SLU_ENV	Combination	Min	-1170.179	34.207	-8.415	-0.0182
687	1.	SLU_ENV	Combination	Min	-1161.696	34.207	-8.415	-0.0182
687	0.	SLV_Ex	Combination		-1352.285	205.923	-28.422	-0.3528
687	0.5	SLV_Ex	Combination		-1346.002	202.355	-28.422	-0.3528
687	1.	SLV_Ex	Combination		-1339.719	198.786	-28.422	-0.3528

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
688	0.	SLU_ENV	Combination	Max	-31.754	-1.074	0.585	0.
688	0.5	SLU_ENV	Combination	Max	-25.471	-1.074	0.585	0.
688	1.	SLU_ENV	Combination	Max	-19.188	-1.074	0.585	0.
688	0.	SLU_ENV	Combination	Min	-56.759	-2.834	-5.952E-03	0.
688	0.5	SLU_ENV	Combination	Min	-48.277	-2.834	-5.952E-03	0.
688	1.	SLU_ENV	Combination	Min	-39.794	-2.834	-5.952E-03	0.
688	0.	SLV_Ex	Combination		-32.253	-39.299	2.738	0.
688	0.5	SLV_Ex	Combination		-25.97	-39.299	2.738	0.
688	1.	SLV_Ex	Combination		-19.686	-39.299	2.738	0.
693	0.	SLU_ENV	Combination	Max	-50.958	-0.645	0.872	0.
693	0.5	SLU_ENV	Combination	Max	-44.675	-0.645	0.872	0.
693	1.	SLU_ENV	Combination	Max	-38.392	-0.645	0.872	0.
693	0.	SLU_ENV	Combination	Min	-96.584	-1.653	-0.214	0.
693	0.5	SLU_ENV	Combination	Min	-88.101	-1.653	-0.214	0.
693	1.	SLU_ENV	Combination	Min	-79.619	-1.653	-0.214	0.
693	0.	SLV_Ex	Combination		-51.956	-63.35	4.169	0.
693	0.5	SLV_Ex	Combination		-45.673	-63.35	4.169	0.
693	1.	SLV_Ex	Combination		-39.389	-63.35	4.169	0.
694	0.	SLU_ENV	Combination	Max	-70.191	3.586	0.873	9.368E-18
694	0.5	SLU_ENV	Combination	Max	-63.908	3.586	0.873	9.368E-18
694	1.	SLU_ENV	Combination	Max	-57.624	3.586	0.873	9.368E-18
694	0.	SLU_ENV	Combination	Min	-136.464	1.303	-0.642	6.939E-18
694	0.5	SLU_ENV	Combination	Min	-127.982	1.303	-0.642	6.939E-18
694	1.	SLU_ENV	Combination	Min	-119.5	1.303	-0.642	6.939E-18
694	0.	SLV_Ex	Combination		-71.688	-71.51	4.248	6.939E-18
694	0.5	SLV_Ex	Combination		-65.404	-71.51	4.248	6.939E-18
694	1.	SLV_Ex	Combination		-59.121	-71.51	4.248	6.939E-18
695	0.	SLU_ENV	Combination	Max	-89.463	12.95	0.556	2.810E-17
695	0.5	SLU_ENV	Combination	Max	-83.18	12.95	0.556	2.810E-17
695	1.	SLU_ENV	Combination	Max	-76.897	12.95	0.556	2.810E-17
695	0.	SLU_ENV	Combination	Min	-176.426	4.797	-1.281	-1.429E-16
695	0.5	SLU_ENV	Combination	Min	-167.943	4.797	-1.281	-1.429E-16
695	1.	SLU_ENV	Combination	Min	-159.461	4.797	-1.281	-1.429E-16
695	0.	SLV_Ex	Combination		-91.461	-62.146	2.865	-1.419E-14
695	0.5	SLV_Ex	Combination		-85.178	-62.146	2.865	-1.419E-14
695	1.	SLV_Ex	Combination		-78.894	-62.146	2.865	-1.419E-14
696	0.	SLU_ENV	Combination	Max	-108.789	26.444	-0.113	7.494E-17
696	0.5	SLU_ENV	Combination	Max	-102.506	26.444	-0.113	7.494E-17
696	1.	SLU_ENV	Combination	Max	-96.222	26.444	-0.113	7.494E-17
696	0.	SLU_ENV	Combination	Min	-216.493	9.838	-2.117	-1.360E-16
696	0.5	SLU_ENV	Combination	Min	-208.011	9.838	-2.117	-1.360E-16
696	1.	SLU_ENV	Combination	Min	-199.529	9.838	-2.117	-1.360E-16
696	0.	SLV_Ex	Combination		-111.288	-32.513	-0.153	-1.416E-14
696	0.5	SLV_Ex	Combination		-105.005	-32.513	-0.153	-1.416E-14
696	1.	SLV_Ex	Combination		-98.722	-32.513	-0.153	-1.416E-14
697	0.	SLU_ENV	Combination	Max	-128.179	43.864	-1.18	6.557E-17
697	0.5	SLU_ENV	Combination	Max	-121.896	43.864	-1.18	6.557E-17
697	1.	SLU_ENV	Combination	Max	-115.613	43.864	-1.18	6.557E-17
697	0.	SLU_ENV	Combination	Min	-256.693	16.354	-3.115	-2.789E-16
697	0.5	SLU_ENV	Combination	Min	-248.21	16.354	-3.115	-2.789E-16
697	1.	SLU_ENV	Combination	Min	-239.728	16.354	-3.115	-2.789E-16
697	0.	SLV_Ex	Combination		-131.181	21.097	-5.028	-2.837E-14
697	0.5	SLV_Ex	Combination		-124.898	21.097	-5.028	-2.837E-14
697	1.	SLV_Ex	Combination		-118.615	21.097	-5.028	-2.837E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	P KN	V2 KN	V3 KN	T KN-m
698	0.	SLU_ENV	Combination	Max	-147.646	64.585	-2.689	1.218E-16
698	0.5	SLU_ENV	Combination	Max	-141.363	64.585	-2.689	1.218E-16
698	1.	SLU_ENV	Combination	Max	-135.08	64.585	-2.689	1.218E-16
698	0.	SLU_ENV	Combination	Min	-297.049	24.112	-4.207	-2.651E-16
698	0.5	SLU_ENV	Combination	Min	-288.567	24.112	-4.207	-2.651E-16
698	1.	SLU_ENV	Combination	Min	-280.084	24.112	-4.207	-2.651E-16
698	0.	SLV_Ex	Combination		-151.154	102.886	-11.972	-4.254E-14
698	0.5	SLV_Ex	Combination		-144.871	102.886	-11.972	-4.254E-14
698	1.	SLV_Ex	Combination		-138.588	102.886	-11.972	-4.254E-14
699	0.	SLU_ENV	Combination	Max	-167.203	87.285	-3.416	9.368E-17
699	0.5	SLU_ENV	Combination	Max	-160.92	87.285	-3.416	9.368E-17
699	1.	SLU_ENV	Combination	Max	-154.637	87.285	-3.416	9.368E-17
699	0.	SLU_ENV	Combination	Min	-337.588	32.623	-6.52	-4.219E-16
699	0.5	SLU_ENV	Combination	Min	-329.106	32.623	-6.52	-4.219E-16
699	1.	SLU_ENV	Combination	Min	-320.623	32.623	-6.52	-4.219E-16
699	0.	SLV_Ex	Combination		-171.218	216.694	-21.119	-4.256E-14
699	0.5	SLV_Ex	Combination		-164.935	216.694	-21.119	-4.256E-14
699	1.	SLV_Ex	Combination		-158.652	216.694	-21.119	-4.256E-14
700	0.	SLU_ENV	Combination	Max	-344.507	86.896	-3.416	0.0132
700	0.5	SLU_ENV	Combination	Max	-338.224	86.896	-3.416	0.0132
700	1.	SLU_ENV	Combination	Max	-331.94	86.896	-3.416	0.0132
700	0.	SLU_ENV	Combination	Min	-832.04	32.475	-6.491	1.357E-04
700	0.5	SLU_ENV	Combination	Min	-823.558	32.475	-6.491	1.357E-04
700	1.	SLU_ENV	Combination	Min	-815.076	32.475	-6.491	1.357E-04
700	0.	SLV_Ex	Combination		-526.098	211.3	-21.826	-0.3182
700	0.5	SLV_Ex	Combination		-519.815	207.731	-21.826	-0.3182
700	1.	SLV_Ex	Combination		-513.532	204.162	-21.826	-0.3182
701	0.	SLU_ENV	Combination	Max	-392.204	86.896	-3.416	0.0132
701	0.5	SLU_ENV	Combination	Max	-385.921	86.896	-3.416	0.0132
701	1.	SLU_ENV	Combination	Max	-379.638	86.896	-3.416	0.0132
701	0.	SLU_ENV	Combination	Min	-976.326	32.475	-6.491	1.357E-04
701	0.5	SLU_ENV	Combination	Min	-967.843	32.475	-6.491	1.357E-04
701	1.	SLU_ENV	Combination	Min	-959.361	32.475	-6.491	1.357E-04
701	0.	SLV_Ex	Combination		-892.389	204.162	-21.826	-0.3182
701	0.5	SLV_Ex	Combination		-886.106	200.593	-21.826	-0.3182
701	1.	SLV_Ex	Combination		-879.823	197.024	-21.826	-0.3182
702	0.	SLU_ENV	Combination	Max	-439.901	86.896	-3.416	0.0132
702	0.5	SLU_ENV	Combination	Max	-433.618	86.896	-3.416	0.0132
702	1.	SLU_ENV	Combination	Max	-427.335	86.896	-3.416	0.0132
702	0.	SLU_ENV	Combination	Min	-1120.611	32.475	-6.491	1.357E-04
702	0.5	SLU_ENV	Combination	Min	-1112.128	32.475	-6.491	1.357E-04
702	1.	SLU_ENV	Combination	Min	-1103.646	32.475	-6.491	1.357E-04
702	0.	SLV_Ex	Combination		-1245.435	197.024	-21.826	-0.3182
702	0.5	SLV_Ex	Combination		-1239.151	193.455	-21.826	-0.3182
702	1.	SLV_Ex	Combination		-1232.868	189.887	-21.826	-0.3182

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2 KN-m	M3 KN-m	FrameElem	ElemStation m
1	0.	SLU_ENV	Max	1.918E-14	-5.684E-14	1-1	0.
1	0.5	SLU_ENV	Max	0.0727	-0.9811	1-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
1	1.	SLU_ENV	Max	0.1453	-1.9622	1-1	1.
1	0.	SLU_ENV	Min	0.	-7.674E-14	1-1	0.
1	0.5	SLU_ENV	Min	-0.1033	-2.4782	1-1	0.5
1	1.	SLU_ENV	Min	-0.2067	-4.9565	1-1	1.
1	0.	SLV_Ex		0.	-5.684E-14	1-1	0.
1	0.5	SLV_Ex		0.8908	17.1951	1-1	0.5
1	1.	SLV_Ex		1.7816	34.3901	1-1	1.
11	0.	SLU_ENV	Max	0.1453	-1.9622	11-1	0.
11	0.5	SLU_ENV	Max	0.3315	-3.5604	11-1	0.5
11	1.	SLU_ENV	Max	0.5177	-5.1586	11-1	1.
11	0.	SLU_ENV	Min	-0.2067	-4.9565	11-1	0.
11	0.5	SLU_ENV	Min	-0.3901	-8.995	11-1	0.5
11	1.	SLU_ENV	Min	-0.5735	-13.0336	11-1	1.
11	0.	SLV_Ex		1.7816	34.3901	11-1	0.
11	0.5	SLV_Ex		3.4076	65.6223	11-1	0.5
11	1.	SLV_Ex		5.0336	96.8545	11-1	1.
12	0.	SLU_ENV	Max	0.5177	-5.1586	12-1	0.
12	0.5	SLU_ENV	Max	0.8578	-7.0036	12-1	0.5
12	1.	SLU_ENV	Max	1.198	-8.8485	12-1	1.
12	0.	SLU_ENV	Min	-0.5735	-13.0336	12-1	0.
12	0.5	SLU_ENV	Min	-0.8131	-17.6985	12-1	0.5
12	1.	SLU_ENV	Min	-1.0528	-22.3634	12-1	1.
12	0.	SLV_Ex		5.0336	96.8545	12-1	0.
12	0.5	SLV_Ex		7.2336	138.8546	12-1	0.5
12	1.	SLV_Ex		9.4335	180.8546	12-1	1.
13	0.	SLU_ENV	Max	1.198	-8.8485	13-1	0.
13	0.5	SLU_ENV	Max	1.7308	-10.5531	13-1	0.5
13	1.	SLU_ENV	Max	2.2636	-12.2577	13-1	1.
13	0.	SLU_ENV	Min	-1.0528	-22.3634	13-1	0.
13	0.5	SLU_ENV	Min	-1.3228	-26.6784	13-1	0.5
13	1.	SLU_ENV	Min	-1.5929	-30.9935	13-1	1.
13	0.	SLV_Ex		9.4335	180.8546	13-1	0.
13	0.5	SLV_Ex		12.0297	230.0395	13-1	0.5
13	1.	SLV_Ex		14.6259	279.2244	13-1	1.
14	0.	SLU_ENV	Max	2.2636	-12.2577	14-1	0.
14	0.5	SLU_ENV	Max	3.0239	-13.4063	14-1	0.5
14	1.	SLU_ENV	Max	3.7842	-14.5548	14-1	1.
14	0.	SLU_ENV	Min	-1.5929	-30.9935	14-1	0.
14	0.5	SLU_ENV	Min	-1.8642	-33.9101	14-1	0.5
14	1.	SLU_ENV	Min	-2.1356	-36.8268	14-1	1.
14	0.	SLV_Ex		14.6259	279.2244	14-1	0.
14	0.5	SLV_Ex		17.4101	331.4253	14-1	0.5
14	1.	SLV_Ex		20.1943	383.6263	14-1	1.
15	0.	SLU_ENV	Max	3.7842	-14.5548	15-1	0.
15	0.5	SLU_ENV	Max	4.7995	-14.6918	15-1	0.5
15	1.	SLU_ENV	Max	5.8149	-14.8288	15-1	1.
15	0.	SLU_ENV	Min	-2.1356	-36.8268	15-1	0.
15	0.5	SLU_ENV	Min	-2.3738	-37.1959	15-1	0.5
15	1.	SLU_ENV	Min	-2.6121	-37.5651	15-1	1.
15	0.	SLV_Ex		20.1943	383.6263	15-1	0.
15	0.5	SLV_Ex		22.9111	433.77	15-1	0.5
15	1.	SLV_Ex		25.6278	483.9137	15-1	1.
16	0.	SLU_ENV	Max	5.8149	-14.8288	16-1	0.
16	0.5	SLU_ENV	Max	7.1005	-13.4516	16-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
16	1.	SLU_ENV	Max	8.3861	-12.0745	16-1	1.
16	0.	SLU_ENV	Min	-2.6121	-37.5651	16-1	0.
16	0.5	SLU_ENV	Min	-2.7761	-34.1185	16-1	0.5
16	1.	SLU_ENV	Min	-2.94	-30.6719	16-1	1.
16	0.	SLV_Ex		25.6278	483.9137	16-1	0.
16	0.5	SLV_Ex		27.956	525.6844	16-1	0.5
16	1.	SLV_Ex		30.2842	567.4551	16-1	1.
17	0.	SLU_ENV	Max	8.3861	-12.0745	17-1	0.
17	0.5	SLU_ENV	Max	9.9385	-8.6327	17-1	0.5
17	1.	SLU_ENV	Max	11.4908	-5.1909	17-1	1.
17	0.	SLU_ENV	Min	-2.94	-30.6719	17-1	0.
17	0.5	SLU_ENV	Min	-2.98	-22.0197	17-1	0.5
17	1.	SLU_ENV	Min	-3.02	-13.3674	17-1	1.
17	0.	SLV_Ex		30.2842	567.4551	17-1	0.
17	0.5	SLV_Ex		31.82	592.9695	17-1	0.5
17	1.	SLV_Ex		33.3558	618.484	17-1	1.
18	0.	SLU_ENV	Max	11.4908	-5.1909	18-1	0.
18	0.5	SLU_ENV	Max	13.2791	1.98	18-1	0.5
18	1.	SLU_ENV	Max	15.0674	17.3273	18-1	1.
18	0.	SLU_ENV	Min	-3.02	-13.3674	18-1	0.
18	0.5	SLU_ENV	Min	-2.8767	0.9054	18-1	0.5
18	1.	SLU_ENV	Min	-2.7334	7.0017	18-1	1.
18	0.	SLV_Ex		33.3558	618.484	18-1	0.
18	0.5	SLV_Ex		33.5969	618.0209	18-1	0.5
18	1.	SLV_Ex		33.8381	617.5578	18-1	1.
19	0.	SLU_ENV	Max	15.0674	17.3273	19-1	0.
19	0.5	SLU_ENV	Max	17.0238	40.9022	19-1	0.5
19	1.	SLU_ENV	Max	18.9801	64.4772	19-1	1.
19	0.	SLU_ENV	Min	-2.7334	7.0017	19-1	0.
19	0.5	SLU_ENV	Min	-2.3379	16.359	19-1	0.5
19	1.	SLU_ENV	Min	-1.9423	25.7163	19-1	1.
19	0.	SLV_Ex		33.8381	617.5578	19-1	0.
19	0.5	SLV_Ex		32.1746	579.3926	19-1	0.5
19	1.	SLV_Ex		30.5111	541.2273	19-1	1.
20	0.	SLU_ENV	Max	18.9801	64.4772	20-1	0.
20	0.5	SLU_ENV	Max	20.9877	97.7563	20-1	0.5
20	1.	SLU_ENV	Max	22.9953	131.0354	20-1	1.
20	0.	SLU_ENV	Min	-1.9423	25.7163	20-1	0.
20	0.5	SLU_ENV	Min	-1.2167	38.9184	20-1	0.5
20	1.	SLU_ENV	Min	-0.491	52.1206	20-1	1.
20	0.	SLV_Ex		30.5111	541.2273	20-1	0.
20	0.5	SLV_Ex		26.2232	451.6351	20-1	0.5
20	1.	SLV_Ex		21.9353	362.0429	20-1	1.
21	0.	SLU_ENV	Max	22.9953	131.0354	21-1	0.
21	0.5	SLU_ENV	Max	24.8759	175.2863	21-1	0.5
21	1.	SLU_ENV	Max	26.7565	219.5372	21-1	1.
21	0.	SLU_ENV	Min	-0.491	52.1206	21-1	0.
21	0.5	SLU_ENV	Min	0.6489	69.6681	21-1	0.5
21	1.	SLU_ENV	Min	1.7888	87.2157	21-1	1.
21	0.	SLV_Ex		21.9353	362.0429	21-1	0.
21	0.5	SLV_Ex		14.2044	205.5458	21-1	0.5
21	1.	SLV_Ex		6.4735	49.0487	21-1	1.
22	0.	SLU_ENV	Max	26.7565	219.5372	22-1	0.
22	0.5	SLU_ENV	Max	28.6371	263.788	22-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
22	1.	SLU_ENV	Max	30.5177	308.0389	22-1	1.
22	0.	SLU_ENV	Min	1.7888	87.2157	22-1	0.
22	0.5	SLU_ENV	Min	2.9288	104.7632	22-1	0.5
22	1.	SLU_ENV	Min	4.0687	122.3108	22-1	1.
22	0.	SLV_Ex		6.4735	49.0487	22-1	0.
22	0.5	SLV_Ex		-1.2573	-73.6793	22-1	0.5
22	1.	SLV_Ex		-8.9882	-193.6192	22-1	1.
23	0.	SLU_ENV	Max	30.5177	308.0389	23-1	0.
23	0.5	SLU_ENV	Max	32.3983	352.2898	23-1	0.5
23	1.	SLU_ENV	Max	34.2789	396.5406	23-1	1.
23	0.	SLU_ENV	Min	4.0687	122.3108	23-1	0.
23	0.5	SLU_ENV	Min	5.2086	139.8583	23-1	0.5
23	1.	SLU_ENV	Min	6.3486	157.4059	23-1	1.
23	0.	SLV_Ex		-8.9882	-193.6192	23-1	0.
23	0.5	SLV_Ex		-16.7191	-278.3959	23-1	0.5
23	1.	SLV_Ex		-24.45	-360.3845	23-1	1.
24	0.	SLU_ENV	Max	34.2789	396.5406	24-1	0.
24	0.5	SLU_ENV	Max	36.1595	440.7915	24-1	0.5
24	1.	SLU_ENV	Max	38.0401	485.0424	24-1	1.
24	0.	SLU_ENV	Min	6.3486	157.4059	24-1	0.
24	0.5	SLU_ENV	Min	7.4885	174.9534	24-1	0.5
24	1.	SLU_ENV	Min	8.6284	192.501	24-1	1.
24	0.	SLV_Ex		-24.45	-360.3845	24-1	0.
24	0.5	SLV_Ex		-32.1809	-407.2099	24-1	0.5
24	1.	SLV_Ex		-39.9118	-451.2471	24-1	1.
25	0.	SLU_ENV	Max	38.0401	485.0424	25-1	0.
25	0.5	SLU_ENV	Max	39.9207	529.2933	25-1	0.5
25	1.	SLU_ENV	Max	41.8013	573.5441	25-1	1.
25	0.	SLU_ENV	Min	8.6284	192.501	25-1	0.
25	0.5	SLU_ENV	Min	9.7683	210.0485	25-1	0.5
25	1.	SLU_ENV	Min	10.9083	227.5961	25-1	1.
25	0.	SLV_Ex		-39.9118	-451.2471	25-1	0.
25	0.5	SLV_Ex		-47.6427	-460.1212	25-1	0.5
25	1.	SLV_Ex		-55.3735	-466.2071	25-1	1.
26	0.	SLU_ENV	Max	41.8013	573.5441	26-1	0.
26	0.5	SLU_ENV	Max	43.6819	617.8032	26-1	0.5
26	1.	SLU_ENV	Max	45.5625	662.0619	26-1	1.
26	0.	SLU_ENV	Min	10.9083	227.5961	26-1	0.
26	0.5	SLU_ENV	Min	12.0482	245.1469	26-1	0.5
26	1.	SLU_ENV	Min	13.1881	262.6976	26-1	1.
26	0.	SLV_Ex		-55.3735	-466.2071	26-1	0.
26	0.5	SLV_Ex		-63.1044	-437.1279	26-1	0.5
26	1.	SLV_Ex		-70.8353	-405.2607	26-1	1.
27	0.	SLU_ENV	Max	7.194E-15	2.206E-13	27-1	0.
27	0.5	SLU_ENV	Max	0.1303	-1.0242	27-1	0.5
27	1.	SLU_ENV	Max	0.2605	-2.0484	27-1	1.
27	0.	SLU_ENV	Min	7.105E-15	1.137E-13	27-1	0.
27	0.5	SLU_ENV	Min	-0.0718	-2.5026	27-1	0.5
27	1.	SLU_ENV	Min	-0.1435	-5.0052	27-1	1.
27	0.	SLV_Ex		5.329E-15	1.066E-13	27-1	0.
27	0.5	SLV_Ex		0.9443	17.3844	27-1	0.5
27	1.	SLV_Ex		1.8886	34.7688	27-1	1.
30	0.	SLU_ENV	Max	2.487E-15	1.151E-13	30-1	0.
30	0.5	SLU_ENV	Max	0.093	-0.8142	30-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
30	1.	SLU_ENV	Max	0.1861	-1.6284	30-1	1.
30	0.	SLU_ENV	Min	-9.592E-15	5.684E-14	30-1	0.
30	0.5	SLU_ENV	Min	-0.0434	-2.1126	30-1	0.5
30	1.	SLU_ENV	Min	-0.0867	-4.2252	30-1	1.
30	0.	SLV_Ex		-6.395E-14	5.684E-14	30-1	0.
30	0.5	SLV_Ex		0.689	16.5662	30-1	0.5
30	1.	SLV_Ex		1.378	33.1325	30-1	1.
40	0.	SLU_ENV	Max	0.1861	-1.6284	40-1	0.
40	0.5	SLU_ENV	Max	0.4053	-2.954	40-1	0.5
40	1.	SLU_ENV	Max	0.6246	-4.2796	40-1	1.
40	0.	SLU_ENV	Min	-0.0867	-4.2252	40-1	0.
40	0.5	SLU_ENV	Min	-0.1726	-7.6662	40-1	0.5
40	1.	SLU_ENV	Min	-0.2585	-11.1073	40-1	1.
40	0.	SLV_Ex		1.378	33.1325	40-1	0.
40	0.5	SLV_Ex		2.6745	63.3209	40-1	0.5
40	1.	SLV_Ex		3.9709	93.5094	40-1	1.
41	0.	SLU_ENV	Max	0.6246	-4.2796	41-1	0.
41	0.5	SLU_ENV	Max	1.0026	-5.8085	41-1	0.5
41	1.	SLU_ENV	Max	1.3807	-7.3374	41-1	1.
41	0.	SLU_ENV	Min	-0.2585	-11.1073	41-1	0.
41	0.5	SLU_ENV	Min	-0.3857	-15.079	41-1	0.5
41	1.	SLU_ENV	Min	-0.513	-19.0507	41-1	1.
41	0.	SLV_Ex		3.9709	93.5094	41-1	0.
41	0.5	SLV_Ex		5.7889	134.2687	41-1	0.5
41	1.	SLV_Ex		7.6068	175.028	41-1	1.
42	0.	SLU_ENV	Max	1.3807	-7.3374	42-1	0.
42	0.5	SLU_ENV	Max	1.9482	-8.7477	42-1	0.5
42	1.	SLU_ENV	Max	2.5157	-10.158	42-1	1.
42	0.	SLU_ENV	Min	-0.513	-19.0507	42-1	0.
42	0.5	SLU_ENV	Min	-0.6796	-22.7193	42-1	0.5
42	1.	SLU_ENV	Min	-0.8461	-26.3879	42-1	1.
42	0.	SLV_Ex		7.6068	175.028	42-1	0.
42	0.5	SLV_Ex		9.8474	223.0039	42-1	0.5
42	1.	SLV_Ex		12.088	270.9799	42-1	1.
43	0.	SLU_ENV	Max	2.5157	-10.158	43-1	0.
43	0.5	SLU_ENV	Max	3.2987	-11.104	43-1	0.5
43	1.	SLU_ENV	Max	4.0817	-12.0499	43-1	1.
43	0.	SLU_ENV	Min	-0.8461	-26.3879	43-1	0.
43	0.5	SLU_ENV	Min	-1.0484	-28.858	43-1	0.5
43	1.	SLU_ENV	Min	-1.2507	-31.328	43-1	1.
43	0.	SLV_Ex		12.088	270.9799	43-1	0.
43	0.5	SLV_Ex		14.6277	322.2513	43-1	0.5
43	1.	SLV_Ex		17.1674	373.5227	43-1	1.
44	0.	SLU_ENV	Max	4.0817	-12.0499	44-1	0.
44	0.5	SLU_ENV	Max	5.0982	-12.153	44-1	0.5
44	1.	SLU_ENV	Max	6.1147	-12.256	44-1	1.
44	0.	SLU_ENV	Min	-1.2507	-31.328	44-1	0.
44	0.5	SLU_ENV	Min	-1.4824	-31.6185	44-1	0.5
44	1.	SLU_ENV	Min	-1.714	-31.909	44-1	1.
44	0.	SLV_Ex		17.1674	373.5227	44-1	0.
44	0.5	SLV_Ex		19.8437	423.2907	44-1	0.5
44	1.	SLV_Ex		22.5199	473.0587	44-1	1.
45	0.	SLU_ENV	Max	6.1147	-12.256	45-1	0.
45	0.5	SLU_ENV	Max	7.3693	-11.0984	45-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
45	1.	SLU_ENV	Max	8.624	-9.9408	45-1	1.
45	0.	SLU_ENV	Min	-1.714	-31.909	45-1	0.
45	0.5	SLU_ENV	Min	-1.9645	-28.9375	45-1	0.5
45	1.	SLU_ENV	Min	-2.2149	-25.966	45-1	1.
45	0.	SLV_Ex		22.5199	473.0587	45-1	0.
45	0.5	SLV_Ex		25.1143	515.3145	45-1	0.5
45	1.	SLV_Ex		27.7088	557.5703	45-1	1.
46	0.	SLU_ENV	Max	8.624	-9.9408	46-1	0.
46	0.5	SLU_ENV	Max	10.1018	-7.0653	46-1	0.5
46	1.	SLU_ENV	Max	11.5796	-4.1898	46-1	1.
46	0.	SLU_ENV	Min	-2.2149	-25.966	46-1	0.
46	0.5	SLU_ENV	Min	-2.4683	-18.5468	46-1	0.5
46	1.	SLU_ENV	Min	-2.7217	-11.1276	46-1	1.
46	0.	SLV_Ex		27.7088	557.5703	46-1	0.
46	0.5	SLV_Ex		29.9304	584.773	46-1	0.5
46	1.	SLV_Ex		32.1519	611.9757	46-1	1.
47	0.	SLU_ENV	Max	11.5796	-4.1898	47-1	0.
47	0.5	SLU_ENV	Max	13.2375	2.0093	47-1	0.5
47	1.	SLU_ENV	Max	14.8955	15.1461	47-1	1.
47	0.	SLU_ENV	Min	-2.7217	-11.1276	47-1	0.
47	0.5	SLU_ENV	Min	-2.9548	0.8932	47-1	0.5
47	1.	SLU_ENV	Min	-3.1878	5.9761	47-1	1.
47	0.	SLV_Ex		32.1519	611.9757	47-1	0.
47	0.5	SLV_Ex		33.6195	614.7782	47-1	0.5
47	1.	SLV_Ex		35.0872	617.5807	47-1	1.
48	0.	SLU_ENV	Max	14.8955	15.1461	48-1	0.
48	0.5	SLU_ENV	Max	16.653	35.3066	48-1	0.5
48	1.	SLU_ENV	Max	18.4106	55.467	48-1	1.
48	0.	SLU_ENV	Min	-3.1878	5.9761	48-1	0.
48	0.5	SLU_ENV	Min	-3.3686	13.7697	48-1	0.5
48	1.	SLU_ENV	Min	-3.5494	21.5632	48-1	1.
48	0.	SLV_Ex		35.0872	617.5807	48-1	0.
48	0.5	SLV_Ex		35.3158	584.6539	48-1	0.5
48	1.	SLV_Ex		35.5445	551.727	48-1	1.
49	0.	SLU_ENV	Max	18.4106	55.467	49-1	0.
49	0.5	SLU_ENV	Max	20.139	83.9079	49-1	0.5
49	1.	SLU_ENV	Max	21.8674	112.3487	49-1	1.
49	0.	SLU_ENV	Min	-3.5494	21.5632	49-1	0.
49	0.5	SLU_ENV	Min	-3.6356	32.5511	49-1	0.5
49	1.	SLU_ENV	Min	-3.7218	43.539	49-1	1.
49	0.	SLV_Ex		35.5445	551.727	49-1	0.
49	0.5	SLV_Ex		33.9355	469.7411	49-1	0.5
49	1.	SLV_Ex		32.3265	387.7552	49-1	1.
50	0.	SLU_ENV	Max	21.8674	112.3487	50-1	0.
50	0.5	SLU_ENV	Max	23.3783	150.1473	50-1	0.5
50	1.	SLU_ENV	Max	24.8891	187.9458	50-1	1.
50	0.	SLU_ENV	Min	-3.7218	43.539	50-1	0.
50	0.5	SLU_ENV	Min	-3.6597	58.1351	50-1	0.5
50	1.	SLU_ENV	Min	-3.5975	72.7312	50-1	1.
50	0.	SLV_Ex		32.3265	387.7552	50-1	0.
50	0.5	SLV_Ex		28.1659	241.5937	50-1	0.5
50	1.	SLV_Ex		24.0053	95.4321	50-1	1.
51	0.	SLU_ENV	Max	24.8891	187.9458	51-1	0.
51	0.5	SLU_ENV	Max	26.4	225.7443	51-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
51	1.	SLU_ENV	Max	27.9109	263.5428	51-1	1.
51	0.	SLU_ENV	Min	-3.5975	72.7312	51-1	0.
51	0.5	SLU_ENV	Min	-3.5353	87.3273	51-1	0.5
51	1.	SLU_ENV	Min	-3.4731	101.9234	51-1	1.
51	0.	SLV_Ex		24.0053	95.4321	51-1	0.
51	0.5	SLV_Ex		19.8447	-16.9604	51-1	0.5
51	1.	SLV_Ex		15.6841	-126.5647	51-1	1.
52	0.	SLU_ENV	Max	27.9109	263.5428	52-1	0.
52	0.5	SLU_ENV	Max	29.4218	301.3413	52-1	0.5
52	1.	SLU_ENV	Max	30.9327	339.1398	52-1	1.
52	0.	SLU_ENV	Min	-3.4731	101.9234	52-1	0.
52	0.5	SLU_ENV	Min	-3.4109	116.5195	52-1	0.5
52	1.	SLU_ENV	Min	-3.3487	131.1156	52-1	1.
52	0.	SLV_Ex		15.6841	-126.5647	52-1	0.
52	0.5	SLV_Ex		11.5235	-201.0059	52-1	0.5
52	1.	SLV_Ex		7.3629	-272.6589	52-1	1.
53	0.	SLU_ENV	Max	30.9327	339.1398	53-1	0.
53	0.5	SLU_ENV	Max	32.4435	376.9384	53-1	0.5
53	1.	SLU_ENV	Max	33.9544	414.7369	53-1	1.
53	0.	SLU_ENV	Min	-3.3487	131.1156	53-1	0.
53	0.5	SLU_ENV	Min	-3.2866	145.7117	53-1	0.5
53	1.	SLU_ENV	Min	-3.2244	160.3079	53-1	1.
53	0.	SLV_Ex		7.3629	-272.6589	53-1	0.
53	0.5	SLV_Ex		3.2023	-309.1487	53-1	0.5
53	1.	SLV_Ex		-0.9583	-342.8504	53-1	1.
54	0.	SLU_ENV	Max	33.9544	414.7369	54-1	0.
54	0.5	SLU_ENV	Max	35.4653	452.5354	54-1	0.5
54	1.	SLU_ENV	Max	36.9762	490.3339	54-1	1.
54	0.	SLU_ENV	Min	-3.2244	160.3079	54-1	0.
54	0.5	SLU_ENV	Min	-3.1622	174.904	54-1	0.5
54	1.	SLU_ENV	Min	-3.1	189.5001	54-1	1.
54	0.	SLV_Ex		-0.9583	-342.8504	54-1	0.
54	0.5	SLV_Ex		-5.1189	-341.3889	54-1	0.5
54	1.	SLV_Ex		-9.2795	-337.1392	54-1	1.
55	0.	SLU_ENV	Max	36.9762	490.3339	55-1	0.
55	0.5	SLU_ENV	Max	38.487	528.1404	55-1	0.5
55	1.	SLU_ENV	Max	39.9979	565.9465	55-1	1.
55	0.	SLU_ENV	Min	-3.1	189.5001	55-1	0.
55	0.5	SLU_ENV	Min	-3.0378	204.0991	55-1	0.5
55	1.	SLU_ENV	Min	-2.9756	218.6979	55-1	1.
55	0.	SLV_Ex		-9.2795	-337.1392	55-1	0.
55	0.5	SLV_Ex		-13.4401	-297.7248	55-1	0.5
55	1.	SLV_Ex		-17.6007	-255.5225	55-1	1.
63	0.	SLU_ENV	Max	0.2605	-2.0484	63-1	0.
63	0.5	SLU_ENV	Max	0.5409	-3.717	63-1	0.5
63	1.	SLU_ENV	Max	0.8213	-5.3856	63-1	1.
63	0.	SLU_ENV	Min	-0.1435	-5.0052	63-1	0.
63	0.5	SLU_ENV	Min	-0.2752	-9.0838	63-1	0.5
63	1.	SLU_ENV	Min	-0.4068	-13.1623	63-1	1.
63	0.	SLV_Ex		1.8886	34.7688	63-1	0.
63	0.5	SLV_Ex		3.6021	66.3273	63-1	0.5
63	1.	SLV_Ex		5.3156	97.8857	63-1	1.
64	0.	SLU_ENV	Max	0.8213	-5.3856	64-1	0.
64	0.5	SLU_ENV	Max	1.2709	-7.312	64-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
64	1.	SLU_ENV	Max	1.7204	-9.2384	64-1	1.
64	0.	SLU_ENV	Min	-0.4068	-13.1623	64-1	0.
64	0.5	SLU_ENV	Min	-0.5859	-17.8739	64-1	0.5
64	1.	SLU_ENV	Min	-0.7651	-22.5855	64-1	1.
64	0.	SLV_Ex		5.3156	97.8857	64-1	0.
64	0.5	SLV_Ex		7.617	140.295	64-1	0.5
64	1.	SLV_Ex		9.9184	182.7044	64-1	1.
65	0.	SLU_ENV	Max	1.7204	-9.2384	65-1	0.
65	0.5	SLU_ENV	Max	2.3555	-11.0188	65-1	0.5
65	1.	SLU_ENV	Max	2.9905	-12.7991	65-1	1.
65	0.	SLU_ENV	Min	-0.7651	-22.5855	65-1	0.
65	0.5	SLU_ENV	Min	-0.9781	-26.9447	65-1	0.5
65	1.	SLU_ENV	Min	-1.191	-31.3038	65-1	1.
65	0.	SLV_Ex		9.9184	182.7044	65-1	0.
65	0.5	SLV_Ex		12.6093	232.3246	65-1	0.5
65	1.	SLV_Ex		15.3003	281.9449	65-1	1.
66	0.	SLU_ENV	Max	2.9905	-12.7991	66-1	0.
66	0.5	SLU_ENV	Max	3.8218	-13.9996	66-1	0.5
66	1.	SLU_ENV	Max	4.6531	-15.2	66-1	1.
66	0.	SLU_ENV	Min	-1.191	-31.3038	66-1	0.
66	0.5	SLU_ENV	Min	-1.4217	-34.2518	66-1	0.5
66	1.	SLU_ENV	Min	-1.6523	-37.1999	66-1	1.
66	0.	SLV_Ex		15.3003	281.9449	66-1	0.
66	0.5	SLV_Ex		18.15	334.5441	66-1	0.5
66	1.	SLV_Ex		20.9998	387.1433	66-1	1.
67	0.	SLU_ENV	Max	4.6531	-15.2	67-1	0.
67	0.5	SLU_ENV	Max	5.6818	-15.3452	67-1	0.5
67	1.	SLU_ENV	Max	6.7106	-15.4904	67-1	1.
67	0.	SLU_ENV	Min	-1.6523	-37.1999	67-1	0.
67	0.5	SLU_ENV	Min	-1.8806	-37.5767	67-1	0.5
67	1.	SLU_ENV	Min	-2.1089	-37.9536	67-1	1.
67	0.	SLV_Ex		20.9998	387.1433	67-1	0.
67	0.5	SLV_Ex		23.7284	437.5763	67-1	0.5
67	1.	SLV_Ex		26.4569	488.0093	67-1	1.
68	0.	SLU_ENV	Max	6.7106	-15.4904	68-1	0.
68	0.5	SLU_ENV	Max	7.9227	-14.0558	68-1	0.5
68	1.	SLU_ENV	Max	9.1348	-12.6212	68-1	1.
68	0.	SLU_ENV	Min	-2.1089	-37.9536	68-1	0.
68	0.5	SLU_ENV	Min	-2.3095	-34.4787	68-1	0.5
68	1.	SLU_ENV	Min	-2.5101	-31.0039	68-1	1.
68	0.	SLV_Ex		26.4569	488.0093	68-1	0.
68	0.5	SLV_Ex		28.716	529.8771	68-1	0.5
68	1.	SLV_Ex		30.9751	571.7448	68-1	1.
69	0.	SLU_ENV	Max	9.1348	-12.6212	69-1	0.
69	0.5	SLU_ENV	Max	10.4946	-9.0321	69-1	0.5
69	1.	SLU_ENV	Max	11.8544	-5.443	69-1	1.
69	0.	SLU_ENV	Min	-2.5101	-31.0039	69-1	0.
69	0.5	SLU_ENV	Min	-2.6508	-22.2738	69-1	0.5
69	1.	SLU_ENV	Min	-2.7915	-13.5437	69-1	1.
69	0.	SLV_Ex		30.9751	571.7448	69-1	0.
69	0.5	SLV_Ex		32.3309	597.0675	69-1	0.5
69	1.	SLV_Ex		33.6867	622.3902	69-1	1.
70	0.	SLU_ENV	Max	11.8544	-5.443	70-1	0.
70	0.5	SLU_ENV	Max	13.2966	1.9456	70-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
70	1.	SLU_ENV	Max	14.7388	17.4348	70-1	1.
70	0.	SLU_ENV	Min	-2.7915	-13.5437	70-1	0.
70	0.5	SLU_ENV	Min	-2.832	0.9162	70-1	0.5
70	1.	SLU_ENV	Min	-2.8724	7.2754	70-1	1.
70	0.	SLV_Ex		33.6867	622.3902	70-1	0.
70	0.5	SLV_Ex		33.6051	621.3362	70-1	0.5
70	1.	SLV_Ex		33.5234	620.2821	70-1	1.
71	0.	SLU_ENV	Max	14.7388	17.4348	71-1	0.
71	0.5	SLU_ENV	Max	16.1597	41.2309	71-1	0.5
71	1.	SLU_ENV	Max	17.5806	65.027	71-1	1.
71	0.	SLU_ENV	Min	-2.8724	7.2754	71-1	0.
71	0.5	SLU_ENV	Min	-2.7633	17.0379	71-1	0.5
71	1.	SLU_ENV	Min	-2.6542	26.8005	71-1	1.
71	0.	SLV_Ex		33.5234	620.2821	71-1	0.
71	0.5	SLV_Ex		31.361	581.0036	71-1	0.5
71	1.	SLV_Ex		29.1985	541.7251	71-1	1.
72	0.	SLU_ENV	Max	17.5806	65.027	72-1	0.
72	0.5	SLU_ENV	Max	18.8288	98.6214	72-1	0.5
72	1.	SLU_ENV	Max	20.0769	132.2158	72-1	1.
72	0.	SLU_ENV	Min	-2.6542	26.8005	72-1	0.
72	0.5	SLU_ENV	Min	-2.3367	40.5761	72-1	0.5
72	1.	SLU_ENV	Min	-2.0193	54.3517	72-1	1.
72	0.	SLV_Ex		29.1985	541.7251	72-1	0.
72	0.5	SLV_Ex		24.2034	450.3654	72-1	0.5
72	1.	SLV_Ex		19.2083	359.0056	72-1	1.
73	0.	SLU_ENV	Max	20.0769	132.2158	73-1	0.
73	0.5	SLU_ENV	Max	20.944	176.889	73-1	0.5
73	1.	SLU_ENV	Max	21.8111	221.5623	73-1	1.
73	0.	SLU_ENV	Min	-2.0193	54.3517	73-1	0.
73	0.5	SLU_ENV	Min	-1.4264	72.6631	73-1	0.5
73	1.	SLU_ENV	Min	-0.8334	90.9746	73-1	1.
73	0.	SLV_Ex		19.2083	359.0056	73-1	0.
73	0.5	SLV_Ex		10.534	199.9532	73-1	0.5
73	1.	SLV_Ex		1.8598	40.9007	73-1	1.
74	0.	SLU_ENV	Max	21.8111	221.5623	74-1	0.
74	0.5	SLU_ENV	Max	22.6781	266.2355	74-1	0.5
74	1.	SLU_ENV	Max	23.5452	310.9088	74-1	1.
74	0.	SLU_ENV	Min	-0.8334	90.9746	74-1	0.
74	0.5	SLU_ENV	Min	-0.2404	109.286	74-1	0.5
74	1.	SLU_ENV	Min	0.3525	127.5975	74-1	1.
74	0.	SLV_Ex		1.8598	40.9007	74-1	0.
74	0.5	SLV_Ex		-6.8145	-84.3826	74-1	0.5
74	1.	SLV_Ex		-15.4887	-206.8779	74-1	1.
75	0.	SLU_ENV	Max	23.5452	310.9088	75-1	0.
75	0.5	SLU_ENV	Max	24.4122	355.582	75-1	0.5
75	1.	SLU_ENV	Max	25.2793	400.2553	75-1	1.
75	0.	SLU_ENV	Min	0.3525	127.5975	75-1	0.
75	0.5	SLU_ENV	Min	0.9455	145.9089	75-1	0.5
75	1.	SLU_ENV	Min	1.5385	164.2204	75-1	1.
75	0.	SLV_Ex		-15.4887	-206.8779	75-1	0.
75	0.5	SLV_Ex		-24.163	-294.2099	75-1	0.5
75	1.	SLV_Ex		-32.8372	-378.7538	75-1	1.
76	0.	SLU_ENV	Max	25.2793	400.2553	76-1	0.
76	0.5	SLU_ENV	Max	26.1463	444.9285	76-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
76	1.	SLU_ENV	Max	27.0134	489.6018	76-1	1.
76	0.	SLU_ENV	Min	1.5385	164.2204	76-1	0.
76	0.5	SLU_ENV	Min	2.1314	182.5319	76-1	0.5
76	1.	SLU_ENV	Min	2.7244	200.8433	76-1	1.
76	0.	SLV_Ex		-32.8372	-378.7538	76-1	0.
76	0.5	SLV_Ex		-41.5115	-428.1345	76-1	0.5
76	1.	SLV_Ex		-50.1857	-474.727	76-1	1.
77	0.	SLU_ENV	Max	27.0134	489.6018	77-1	0.
77	0.5	SLU_ENV	Max	27.8804	534.2751	77-1	0.5
77	1.	SLU_ENV	Max	28.7475	578.9483	77-1	1.
77	0.	SLU_ENV	Min	2.7244	200.8433	77-1	0.
77	0.5	SLU_ENV	Min	3.3174	219.1548	77-1	0.5
77	1.	SLU_ENV	Min	3.9103	237.4662	77-1	1.
77	0.	SLV_Ex		-50.1857	-474.727	77-1	0.
77	0.5	SLV_Ex		-58.86	-486.1564	77-1	0.5
77	1.	SLV_Ex		-67.5342	-494.7977	77-1	1.
78	0.	SLU_ENV	Max	28.7475	578.9483	78-1	0.
78	0.5	SLU_ENV	Max	29.6145	623.6299	78-1	0.5
78	1.	SLU_ENV	Max	30.4816	668.3112	78-1	1.
78	0.	SLU_ENV	Min	3.9103	237.4662	78-1	0.
78	0.5	SLU_ENV	Min	4.5033	255.7813	78-1	0.5
78	1.	SLU_ENV	Min	5.0963	274.0962	78-1	1.
78	0.	SLV_Ex		-67.5342	-494.7977	78-1	0.
78	0.5	SLV_Ex		-76.2085	-468.2736	78-1	0.5
78	1.	SLV_Ex		-84.8827	-438.9616	78-1	1.
79	0.	SLU_ENV	Max	1.918E-14	-1.847E-14	79-1	0.
79	0.5	SLU_ENV	Max	0.184	-1.072	79-1	0.5
79	1.	SLU_ENV	Max	0.3681	-2.144	79-1	1.
79	0.	SLU_ENV	Min	-4.974E-15	-9.592E-14	79-1	0.
79	0.5	SLU_ENV	Min	-0.0414	-2.523	79-1	0.5
79	1.	SLU_ENV	Min	-0.0827	-5.0461	79-1	1.
79	0.	SLV_Ex		1.421E-14	-7.105E-14	79-1	0.
79	0.5	SLV_Ex		0.9888	17.5645	79-1	0.5
79	1.	SLV_Ex		1.9777	35.129	79-1	1.
89	0.	SLU_ENV	Max	0.3681	-2.144	89-1	0.
89	0.5	SLU_ENV	Max	0.7363	-3.8905	89-1	0.5
89	1.	SLU_ENV	Max	1.1046	-5.6369	89-1	1.
89	0.	SLU_ENV	Min	-0.0827	-5.0461	89-1	0.
89	0.5	SLU_ENV	Min	-0.1645	-9.158	89-1	0.5
89	1.	SLU_ENV	Min	-0.2463	-13.2699	89-1	1.
89	0.	SLV_Ex		1.9777	35.129	89-1	0.
89	0.5	SLV_Ex		3.764	66.9984	89-1	0.5
89	1.	SLV_Ex		5.5502	98.8677	89-1	1.
90	0.	SLU_ENV	Max	1.1046	-5.6369	90-1	0.
90	0.5	SLU_ENV	Max	1.6562	-7.6535	90-1	0.5
90	1.	SLU_ENV	Max	2.2077	-9.6701	90-1	1.
90	0.	SLU_ENV	Min	-0.2463	-13.2699	90-1	0.
90	0.5	SLU_ENV	Min	-0.3673	-18.0203	90-1	0.5
90	1.	SLU_ENV	Min	-0.4884	-22.7707	90-1	1.
90	0.	SLV_Ex		5.5502	98.8677	90-1	0.
90	0.5	SLV_Ex		7.9361	141.6687	90-1	0.5
90	1.	SLV_Ex		10.322	184.4696	90-1	1.
91	0.	SLU_ENV	Max	2.2077	-9.6701	91-1	0.
91	0.5	SLU_ENV	Max	2.9381	-11.5341	91-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
91	1.	SLU_ENV	Max	3.6684	-13.3982	91-1	1.
91	0.	SLU_ENV	Min	-0.4884	-22.7707	91-1	0.
91	0.5	SLU_ENV	Min	-0.6466	-27.1661	91-1	0.5
91	1.	SLU_ENV	Min	-0.8049	-31.5615	91-1	1.
91	0.	SLV_Ex		10.322	184.4696	91-1	0.
91	0.5	SLV_Ex		13.0918	234.5084	91-1	0.5
91	1.	SLV_Ex		15.8616	284.5473	91-1	1.
92	0.	SLU_ENV	Max	3.6684	-13.3982	92-1	0.
92	0.5	SLU_ENV	Max	4.5657	-14.6556	92-1	0.5
92	1.	SLU_ENV	Max	5.4631	-15.9131	92-1	1.
92	0.	SLU_ENV	Min	-0.8049	-31.5615	92-1	0.
92	0.5	SLU_ENV	Min	-0.9968	-34.5346	92-1	0.5
92	1.	SLU_ENV	Min	-1.1887	-37.5078	92-1	1.
92	0.	SLV_Ex		15.8616	284.5473	92-1	0.
92	0.5	SLV_Ex		18.766	337.533	92-1	0.5
92	1.	SLV_Ex		21.6704	390.5186	92-1	1.
93	0.	SLU_ENV	Max	5.4631	-15.9131	93-1	0.
93	0.5	SLU_ENV	Max	6.5039	-16.0666	93-1	0.5
93	1.	SLU_ENV	Max	7.5448	-16.2201	93-1	1.
93	0.	SLU_ENV	Min	-1.1887	-37.5078	93-1	0.
93	0.5	SLU_ENV	Min	-1.4081	-37.8894	93-1	0.5
93	1.	SLU_ENV	Min	-1.6275	-38.2709	93-1	1.
93	0.	SLV_Ex		21.6704	390.5186	93-1	0.
93	0.5	SLV_Ex		24.4088	441.2384	93-1	0.5
93	1.	SLV_Ex		27.1473	491.9581	93-1	1.
94	0.	SLU_ENV	Max	7.5448	-16.2201	94-1	0.
94	0.5	SLU_ENV	Max	8.6878	-14.7206	94-1	0.5
94	1.	SLU_ENV	Max	9.8308	-13.2212	94-1	1.
94	0.	SLU_ENV	Min	-1.6275	-38.2709	94-1	0.
94	0.5	SLU_ENV	Min	-1.8644	-34.7699	94-1	0.5
94	1.	SLU_ENV	Min	-2.1012	-31.2689	94-1	1.
94	0.	SLV_Ex		27.1473	491.9581	94-1	0.
94	0.5	SLV_Ex		29.349	533.9341	94-1	0.5
94	1.	SLV_Ex		31.5507	575.9102	94-1	1.
95	0.	SLU_ENV	Max	9.8308	-13.2212	95-1	0.
95	0.5	SLU_ENV	Max	11.0104	-9.4675	95-1	0.5
95	1.	SLU_ENV	Max	12.1899	-5.7137	95-1	1.
95	0.	SLU_ENV	Min	-2.1012	-31.2689	95-1	0.
95	0.5	SLU_ENV	Min	-2.3402	-22.4705	95-1	0.5
95	1.	SLU_ENV	Min	-2.5791	-13.672	95-1	1.
95	0.	SLV_Ex		31.5507	575.9102	95-1	0.
95	0.5	SLV_Ex		32.7569	601.0714	95-1	0.5
95	1.	SLV_Ex		33.9632	626.2327	95-1	1.
96	0.	SLU_ENV	Max	12.1899	-5.7137	96-1	0.
96	0.5	SLU_ENV	Max	13.3084	1.94	96-1	0.5
96	1.	SLU_ENV	Max	14.4268	17.552	96-1	1.
96	0.	SLU_ENV	Min	-2.5791	-13.672	96-1	0.
96	0.5	SLU_ENV	Min	-2.7981	0.9387	96-1	0.5
96	1.	SLU_ENV	Min	-3.0171	7.5912	96-1	1.
96	0.	SLV_Ex		33.9632	626.2327	96-1	0.
96	0.5	SLV_Ex		33.6131	624.6425	96-1	0.5
96	1.	SLV_Ex		33.263	623.0524	96-1	1.
97	0.	SLU_ENV	Max	14.4268	17.552	97-1	0.
97	0.5	SLU_ENV	Max	15.3472	41.5381	97-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
97	1.	SLU_ENV	Max	16.2676	65.5242	97-1	1.
97	0.	SLU_ENV	Min	-3.0171	7.5912	97-1	0.
97	0.5	SLU_ENV	Min	-3.1856	17.8051	97-1	0.5
97	1.	SLU_ENV	Min	-3.3541	28.019	97-1	1.
97	0.	SLV_Ex		33.263	623.0524	97-1	0.
97	0.5	SLV_Ex		30.6856	582.7459	97-1	0.5
97	1.	SLV_Ex		28.1082	542.4393	97-1	1.
98	0.	SLU_ENV	Max	16.2676	65.5242	98-1	0.
98	0.5	SLU_ENV	Max	16.8061	99.3879	98-1	0.5
98	1.	SLU_ENV	Max	17.3446	133.2517	98-1	1.
98	0.	SLU_ENV	Min	-3.3541	28.019	98-1	0.
98	0.5	SLU_ENV	Min	-3.432	42.4325	98-1	0.5
98	1.	SLU_ENV	Min	-3.5098	56.8461	98-1	1.
98	0.	SLV_Ex		28.1082	542.4393	98-1	0.
98	0.5	SLV_Ex		22.5249	449.4333	98-1	0.5
98	1.	SLV_Ex		16.9415	356.4274	98-1	1.
99	0.	SLU_ENV	Max	17.3446	133.2517	99-1	0.
99	0.5	SLU_ENV	Max	17.2648	178.2844	99-1	0.5
99	1.	SLU_ENV	Max	17.1849	223.3171	99-1	1.
99	0.	SLU_ENV	Min	-3.5098	56.8461	99-1	0.
99	0.5	SLU_ENV	Min	-3.4458	76.0069	99-1	0.5
99	1.	SLU_ENV	Min	-3.3819	95.1676	99-1	1.
99	0.	SLV_Ex		16.9415	356.4274	99-1	0.
99	0.5	SLV_Ex		7.4826	194.9818	99-1	0.5
99	1.	SLV_Ex		-1.9764	33.5363	99-1	1.
100	0.	SLU_ENV	Max	17.1849	223.3171	100-1	0.
100	0.5	SLU_ENV	Max	17.1051	268.3499	100-1	0.5
100	1.	SLU_ENV	Max	17.0253	313.3826	100-1	1.
100	0.	SLU_ENV	Min	-3.3819	95.1676	100-1	0.
100	0.5	SLU_ENV	Min	-3.3179	114.3283	100-1	0.5
100	1.	SLU_ENV	Min	-3.2539	133.489	100-1	1.
100	0.	SLV_Ex		-1.9764	33.5363	100-1	0.
100	0.5	SLV_Ex		-11.4354	-94.1401	100-1	0.5
100	1.	SLV_Ex		-20.8944	-219.0284	100-1	1.
101	0.	SLU_ENV	Max	17.0253	313.3826	101-1	0.
101	0.5	SLU_ENV	Max	16.9455	358.4154	101-1	0.5
101	1.	SLU_ENV	Max	16.8657	403.4481	101-1	1.
101	0.	SLU_ENV	Min	-3.2539	133.489	101-1	0.
101	0.5	SLU_ENV	Min	-3.19	152.6498	101-1	0.5
101	1.	SLU_ENV	Min	-3.126	171.8105	101-1	1.
101	0.	SLV_Ex		-20.8944	-219.0284	101-1	0.
101	0.5	SLV_Ex		-30.3533	-308.7535	101-1	0.5
101	1.	SLV_Ex		-39.8123	-395.6905	101-1	1.
102	0.	SLU_ENV	Max	16.8657	403.4481	102-1	0.
102	0.5	SLU_ENV	Max	16.7859	448.4808	102-1	0.5
102	1.	SLU_ENV	Max	16.706	493.5136	102-1	1.
102	0.	SLU_ENV	Min	-3.126	171.8105	102-1	0.
102	0.5	SLU_ENV	Min	-3.0621	190.9712	102-1	0.5
102	1.	SLU_ENV	Min	-2.9981	210.132	102-1	1.
102	0.	SLV_Ex		-39.8123	-395.6905	102-1	0.
102	0.5	SLV_Ex		-49.2713	-447.4643	102-1	0.5
102	1.	SLV_Ex		-58.7303	-496.4499	102-1	1.
103	0.	SLU_ENV	Max	16.706	493.5136	103-1	0.
103	0.5	SLU_ENV	Max	16.6262	538.5463	103-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
103	1.	SLU_ENV	Max	16.5464	583.579	103-1	1.
103	0.	SLU_ENV	Min	-2.9981	210.132	103-1	0.
103	0.5	SLU_ENV	Min	-2.9341	229.2927	103-1	0.5
103	1.	SLU_ENV	Min	-2.8702	248.4534	103-1	1.
103	0.	SLV_Ex		-58.7303	-496.4499	103-1	0.
103	0.5	SLV_Ex		-68.1892	-510.2723	103-1	0.5
103	1.	SLV_Ex		-77.6482	-521.3066	103-1	1.
104	0.	SLU_ENV	Max	16.5464	583.579	104-1	0.
104	0.5	SLU_ENV	Max	16.4666	628.6203	104-1	0.5
104	1.	SLU_ENV	Max	16.3868	673.6611	104-1	1.
104	0.	SLU_ENV	Min	-2.8702	248.4534	104-1	0.
104	0.5	SLU_ENV	Min	-2.8062	267.6181	104-1	0.5
104	1.	SLU_ENV	Min	-2.7423	286.7825	104-1	1.
104	0.	SLV_Ex		-77.6482	-521.3066	104-1	0.
104	0.5	SLV_Ex		-87.1072	-497.1756	104-1	0.5
104	1.	SLV_Ex		-96.5662	-470.2566	104-1	1.
105	0.	SLU_ENV	Max	0.	-1.847E-14	105-1	0.
105	0.5	SLU_ENV	Max	0.2378	-1.1005	105-1	0.5
105	1.	SLU_ENV	Max	0.4755	-2.201	105-1	1.
105	0.	SLU_ENV	Min	0.	-9.592E-14	105-1	0.
105	0.5	SLU_ENV	Min	-0.0046	-2.4889	105-1	0.5
105	1.	SLU_ENV	Min	-0.0091	-4.9777	105-1	1.
105	0.	SLV_Ex		-5.684E-14	1.748E-12	105-1	0.
105	0.5	SLV_Ex		1.0023	17.6683	105-1	0.5
105	1.	SLV_Ex		2.0046	35.3366	105-1	1.
115	0.	SLU_ENV	Max	0.4755	-2.201	115-1	0.
115	0.5	SLU_ENV	Max	0.9317	-3.9939	115-1	0.5
115	1.	SLU_ENV	Max	1.3878	-5.7868	115-1	1.
115	0.	SLU_ENV	Min	-0.0091	-4.9777	115-1	0.
115	0.5	SLU_ENV	Min	-0.0307	-9.0338	115-1	0.5
115	1.	SLU_ENV	Min	-0.0523	-13.0899	115-1	1.
115	0.	SLV_Ex		2.0046	35.3366	115-1	0.
115	0.5	SLV_Ex		3.813	67.3925	115-1	0.5
115	1.	SLV_Ex		5.6214	99.4484	115-1	1.
116	0.	SLU_ENV	Max	1.3878	-5.7868	116-1	0.
116	0.5	SLU_ENV	Max	2.0413	-7.857	116-1	0.5
116	1.	SLU_ENV	Max	2.6948	-9.9272	116-1	1.
116	0.	SLU_ENV	Min	-0.0523	-13.0899	116-1	0.
116	0.5	SLU_ENV	Min	-0.1032	-17.7755	116-1	0.5
116	1.	SLU_ENV	Min	-0.1542	-22.4612	116-1	1.
116	0.	SLV_Ex		5.6214	99.4484	116-1	0.
116	0.5	SLV_Ex		8.0331	142.4966	116-1	0.5
116	1.	SLV_Ex		10.4447	185.5448	116-1	1.
117	0.	SLU_ENV	Max	2.6948	-9.9272	117-1	0.
117	0.5	SLU_ENV	Max	3.5202	-11.8408	117-1	0.5
117	1.	SLU_ENV	Max	4.3456	-13.7544	117-1	1.
117	0.	SLU_ENV	Min	-0.1542	-22.4612	117-1	0.
117	0.5	SLU_ENV	Min	-0.2468	-26.7962	117-1	0.5
117	1.	SLU_ENV	Min	-0.3394	-31.1312	117-1	1.
117	0.	SLV_Ex		10.4447	185.5448	117-1	0.
117	0.5	SLV_Ex		13.2388	235.8679	117-1	0.5
117	1.	SLV_Ex		16.0328	286.1911	117-1	1.
118	0.	SLU_ENV	Max	4.3456	-13.7544	118-1	0.
118	0.5	SLU_ENV	Max	5.3087	-15.0453	118-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
118	1.	SLU_ENV	Max	6.2718	-16.3361	118-1	1.
118	0.	SLU_ENV	Min	-0.3394	-31.1312	118-1	0.
118	0.5	SLU_ENV	Min	-0.4854	-34.0627	118-1	0.5
118	1.	SLU_ENV	Min	-0.6313	-36.9943	118-1	1.
118	0.	SLV_Ex		16.0328	286.1911	118-1	0.
118	0.5	SLV_Ex		18.9544	339.4709	118-1	0.5
118	1.	SLV_Ex		21.876	392.7507	118-1	1.
119	0.	SLU_ENV	Max	6.2718	-16.3361	119-1	0.
119	0.5	SLU_ENV	Max	7.3244	-16.4937	119-1	0.5
119	1.	SLU_ENV	Max	8.3769	-16.6512	119-1	1.
119	0.	SLU_ENV	Min	-0.6313	-36.9943	119-1	0.
119	0.5	SLU_ENV	Min	-0.8413	-37.3686	119-1	0.5
119	1.	SLU_ENV	Min	-1.0512	-37.7429	119-1	1.
119	0.	SLV_Ex		21.876	392.7507	119-1	0.
119	0.5	SLV_Ex		24.6184	443.7419	119-1	0.5
119	1.	SLV_Ex		27.3608	494.733	119-1	1.
120	0.	SLU_ENV	Max	8.3769	-16.6512	120-1	0.
120	0.5	SLU_ENV	Max	9.4503	-15.112	120-1	0.5
120	1.	SLU_ENV	Max	10.5238	-13.5727	120-1	1.
120	0.	SLU_ENV	Min	-1.0512	-37.7429	120-1	0.
120	0.5	SLU_ENV	Min	-1.3337	-34.2865	120-1	0.5
120	1.	SLU_ENV	Min	-1.6163	-30.83	120-1	1.
120	0.	SLV_Ex		27.3608	494.733	120-1	0.
120	0.5	SLV_Ex		29.5465	536.918	120-1	0.5
120	1.	SLV_Ex		31.7322	579.1029	120-1	1.
121	0.	SLU_ENV	Max	10.5238	-13.5727	121-1	0.
121	0.5	SLU_ENV	Max	11.5223	-9.7191	121-1	0.5
121	1.	SLU_ENV	Max	12.5209	-5.8655	121-1	1.
121	0.	SLU_ENV	Min	-1.6163	-30.83	121-1	0.
121	0.5	SLU_ENV	Min	-1.9765	-22.1471	121-1	0.5
121	1.	SLU_ENV	Min	-2.3368	-13.4641	121-1	1.
121	0.	SLV_Ex		31.7322	579.1029	121-1	0.
121	0.5	SLV_Ex		32.8949	604.3618	121-1	0.5
121	1.	SLV_Ex		34.0577	629.6207	121-1	1.
122	0.	SLU_ENV	Max	12.5209	-5.8655	122-1	0.
122	0.5	SLU_ENV	Max	13.3148	1.9411	122-1	0.5
122	1.	SLU_ENV	Max	14.1087	17.3463	122-1	1.
122	0.	SLU_ENV	Min	-2.3368	-13.4641	122-1	0.
122	0.5	SLU_ENV	Min	-2.7748	0.9639	122-1	0.5
122	1.	SLU_ENV	Min	-3.2128	7.7932	122-1	1.
122	0.	SLV_Ex		34.0577	629.6207	122-1	0.
122	0.5	SLV_Ex		33.6285	627.9578	122-1	0.5
122	1.	SLV_Ex		33.1993	626.2949	122-1	1.
123	0.	SLU_ENV	Max	14.1087	17.3463	123-1	0.
123	0.5	SLU_ENV	Max	14.5276	41.0129	123-1	0.5
123	1.	SLU_ENV	Max	14.9465	64.6796	123-1	1.
123	0.	SLU_ENV	Min	-3.2128	7.7932	123-1	0.
123	0.5	SLU_ENV	Min	-3.7209	18.2787	123-1	0.5
123	1.	SLU_ENV	Min	-4.2289	28.7642	123-1	1.
123	0.	SLV_Ex		33.1993	626.2949	123-1	0.
123	0.5	SLV_Ex		30.4989	585.6752	123-1	0.5
123	1.	SLV_Ex		27.7985	545.0555	123-1	1.
124	0.	SLU_ENV	Max	14.9465	64.6796	124-1	0.
124	0.5	SLU_ENV	Max	14.7743	98.0908	124-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
124	1.	SLU_ENV	Max	14.6021	131.502	124-1	1.
124	0.	SLU_ENV	Min	-4.2289	28.7642	124-1	0.
124	0.5	SLU_ENV	Min	-4.7891	43.5611	124-1	0.5
124	1.	SLU_ENV	Min	-5.3492	58.3579	124-1	1.
124	0.	SLV_Ex		27.7985	545.0555	124-1	0.
124	0.5	SLV_Ex		22.04	451.4152	124-1	0.5
124	1.	SLV_Ex		16.2816	357.775	124-1	1.
125	0.	SLU_ENV	Max	14.6021	131.502	125-1	0.
125	0.5	SLU_ENV	Max	13.5744	175.9313	125-1	0.5
125	1.	SLU_ENV	Max	12.5467	220.3606	125-1	1.
125	0.	SLU_ENV	Min	-5.3492	58.3579	125-1	0.
125	0.5	SLU_ENV	Min	-5.9296	78.0282	125-1	0.5
125	1.	SLU_ENV	Min	-6.5101	97.6984	125-1	1.
125	0.	SLV_Ex		16.2816	357.775	125-1	0.
125	0.5	SLV_Ex		6.5882	195.2851	125-1	0.5
125	1.	SLV_Ex		-3.1052	32.7953	125-1	1.
126	0.	SLU_ENV	Max	12.5467	220.3606	126-1	0.
126	0.5	SLU_ENV	Max	11.5189	264.79	126-1	0.5
126	1.	SLU_ENV	Max	10.4912	309.2193	126-1	1.
126	0.	SLU_ENV	Min	-6.5101	97.6984	126-1	0.
126	0.5	SLU_ENV	Min	-7.0905	117.3686	126-1	0.5
126	1.	SLU_ENV	Min	-7.671	137.0388	126-1	1.
126	0.	SLV_Ex		-3.1052	32.7953	126-1	0.
126	0.5	SLV_Ex		-12.7986	-95.9255	126-1	0.5
126	1.	SLV_Ex		-22.492	-221.8581	126-1	1.
127	0.	SLU_ENV	Max	10.4912	309.2193	127-1	0.
127	0.5	SLU_ENV	Max	9.4634	353.6486	127-1	0.5
127	1.	SLU_ENV	Max	8.4357	398.078	127-1	1.
127	0.	SLU_ENV	Min	-7.671	137.0388	127-1	0.
127	0.5	SLU_ENV	Min	-8.2514	156.7091	127-1	0.5
127	1.	SLU_ENV	Min	-8.8319	176.3793	127-1	1.
127	0.	SLV_Ex		-22.492	-221.8581	127-1	0.
127	0.5	SLV_Ex		-32.1854	-312.6276	127-1	0.5
127	1.	SLV_Ex		-41.8788	-400.6089	127-1	1.
128	0.	SLU_ENV	Max	8.4357	398.078	128-1	0.
128	0.5	SLU_ENV	Max	7.408	442.5073	128-1	0.5
128	1.	SLU_ENV	Max	6.3802	486.9366	128-1	1.
128	0.	SLU_ENV	Min	-8.8319	176.3793	128-1	0.
128	0.5	SLU_ENV	Min	-9.4124	196.0495	128-1	0.5
128	1.	SLU_ENV	Min	-9.9928	215.7197	128-1	1.
128	0.	SLV_Ex		-41.8788	-400.6089	128-1	0.
128	0.5	SLV_Ex		-51.5722	-453.427	128-1	0.5
128	1.	SLV_Ex		-61.2656	-503.457	128-1	1.
129	0.	SLU_ENV	Max	6.3802	486.9366	129-1	0.
129	0.5	SLU_ENV	Max	5.3525	531.366	129-1	0.5
129	1.	SLU_ENV	Max	4.3248	575.7953	129-1	1.
129	0.	SLU_ENV	Min	-9.9928	215.7197	129-1	0.
129	0.5	SLU_ENV	Min	-10.5733	235.3899	129-1	0.5
129	1.	SLU_ENV	Min	-11.1537	255.0602	129-1	1.
129	0.	SLV_Ex		-61.2656	-503.457	129-1	0.
129	0.5	SLV_Ex		-70.959	-518.3238	129-1	0.5
129	1.	SLV_Ex		-80.6524	-530.4024	129-1	1.
130	0.	SLU_ENV	Max	4.3248	575.7953	130-1	0.
130	0.5	SLU_ENV	Max	3.297	620.2331	130-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
130	1.	SLU_ENV	Max	2.2693	664.6706	130-1	1.
130	0.	SLU_ENV	Min	-11.1537	255.0602	130-1	0.
130	0.5	SLU_ENV	Min	-11.7342	274.7345	130-1	0.5
130	1.	SLU_ENV	Min	-12.3146	294.4086	130-1	1.
130	0.	SLV_Ex		-80.6524	-530.4024	130-1	0.
130	0.5	SLV_Ex		-90.3458	-507.3157	130-1	0.5
130	1.	SLV_Ex		-100.0392	-481.441	130-1	1.
131	0.	SLU_ENV	Max	-1.421E-14	0.	131-1	0.
131	0.5	SLU_ENV	Max	0.2802	-1.1307	131-1	0.5
131	1.	SLU_ENV	Max	0.5603	-2.2613	131-1	1.
131	0.	SLU_ENV	Min	-1.679E-14	-1.918E-14	131-1	0.
131	0.5	SLU_ENV	Min	0.0256	-2.457	131-1	0.5
131	1.	SLU_ENV	Min	0.0511	-4.914	131-1	1.
131	0.	SLV_Ex		-1.243E-14	-1.421E-14	131-1	0.
131	0.5	SLV_Ex		1.0064	17.7699	131-1	0.5
131	1.	SLV_Ex		2.0128	35.5397	131-1	1.
141	0.	SLU_ENV	Max	0.5603	-2.2613	141-1	0.
141	0.5	SLU_ENV	Max	1.0858	-4.1034	141-1	0.5
141	1.	SLU_ENV	Max	1.6112	-5.9455	141-1	1.
141	0.	SLU_ENV	Min	0.0511	-4.914	141-1	0.
141	0.5	SLU_ENV	Min	0.0789	-8.918	141-1	0.5
141	1.	SLU_ENV	Min	0.1067	-12.922	141-1	1.
141	0.	SLV_Ex		2.0128	35.5397	141-1	0.
141	0.5	SLV_Ex		3.8279	67.7783	141-1	0.5
141	1.	SLV_Ex		5.643	100.0169	141-1	1.
142	0.	SLU_ENV	Max	1.6112	-5.9455	142-1	0.
142	0.5	SLU_ENV	Max	2.3451	-8.0725	142-1	0.5
142	1.	SLU_ENV	Max	3.079	-10.1995	142-1	1.
142	0.	SLU_ENV	Min	0.1067	-12.922	142-1	0.
142	0.5	SLU_ENV	Min	0.1131	-17.547	142-1	0.5
142	1.	SLU_ENV	Min	0.1195	-22.1721	142-1	1.
142	0.	SLV_Ex		5.643	100.0169	142-1	0.
142	0.5	SLV_Ex		8.0626	143.308	142-1	0.5
142	1.	SLV_Ex		10.4822	186.5991	142-1	1.
143	0.	SLU_ENV	Max	3.079	-10.1995	143-1	0.
143	0.5	SLU_ENV	Max	3.9794	-12.1655	143-1	0.5
143	1.	SLU_ENV	Max	4.8798	-14.1314	143-1	1.
143	0.	SLU_ENV	Min	0.1195	-22.1721	143-1	0.
143	0.5	SLU_ENV	Min	0.0807	-26.4505	143-1	0.5
143	1.	SLU_ENV	Min	0.0418	-30.7289	143-1	1.
143	0.	SLV_Ex		10.4822	186.5991	143-1	0.
143	0.5	SLV_Ex		13.284	237.2024	143-1	0.5
143	1.	SLV_Ex		16.0857	287.8057	143-1	1.
144	0.	SLU_ENV	Max	4.8798	-14.1314	144-1	0.
144	0.5	SLU_ENV	Max	5.8949	-15.4576	144-1	0.5
144	1.	SLU_ENV	Max	6.9099	-16.7838	144-1	1.
144	0.	SLU_ENV	Min	0.0418	-30.7289	144-1	0.
144	0.5	SLU_ENV	Min	-0.0665	-33.6211	144-1	0.5
144	1.	SLU_ENV	Min	-0.1749	-36.5132	144-1	1.
144	0.	SLV_Ex		16.0857	287.8057	144-1	0.
144	0.5	SLV_Ex		19.0131	341.3768	144-1	0.5
144	1.	SLV_Ex		21.9405	394.9478	144-1	1.
145	0.	SLU_ENV	Max	6.9099	-16.7838	145-1	0.
145	0.5	SLU_ENV	Max	7.9717	-16.9455	145-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
145	1.	SLU_ENV	Max	9.0336	-17.1071	145-1	1.
145	0.	SLU_ENV	Min	-0.1749	-36.5132	145-1	0.
145	0.5	SLU_ENV	Min	-0.3772	-36.88	145-1	0.5
145	1.	SLU_ENV	Min	-0.5795	-37.2468	145-1	1.
145	0.	SLV_Ex		21.9405	394.9478	145-1	0.
145	0.5	SLV_Ex		24.6851	446.2096	145-1	0.5
145	1.	SLV_Ex		27.4297	497.4714	145-1	1.
146	0.	SLU_ENV	Max	9.0336	-17.1071	146-1	0.
146	0.5	SLU_ENV	Max	10.0521	-15.5254	146-1	0.5
146	1.	SLU_ENV	Max	11.0707	-13.9436	146-1	1.
146	0.	SLU_ENV	Min	-0.5795	-37.2468	146-1	0.
146	0.5	SLU_ENV	Min	-0.8995	-33.8309	146-1	0.5
146	1.	SLU_ENV	Min	-1.2196	-30.4149	146-1	1.
146	0.	SLV_Ex		27.4297	497.4714	146-1	0.
146	0.5	SLV_Ex		29.6119	539.868	146-1	0.5
146	1.	SLV_Ex		31.7941	582.2646	146-1	1.
147	0.	SLU_ENV	Max	11.0707	-13.9436	147-1	0.
147	0.5	SLU_ENV	Max	11.9265	-9.9839	147-1	0.5
147	1.	SLU_ENV	Max	12.7824	-6.0243	147-1	1.
147	0.	SLU_ENV	Min	-1.2196	-30.4149	147-1	0.
147	0.5	SLU_ENV	Min	-1.6794	-21.8382	147-1	0.5
147	1.	SLU_ENV	Min	-2.1392	-13.2615	147-1	1.
147	0.	SLV_Ex		31.7941	582.2646	147-1	0.
147	0.5	SLV_Ex		32.9455	607.6285	147-1	0.5
147	1.	SLV_Ex		34.0968	632.9924	147-1	1.
148	0.	SLU_ENV	Max	12.7824	-6.0243	148-1	0.
148	0.5	SLU_ENV	Max	13.3203	1.9525	148-1	0.5
148	1.	SLU_ENV	Max	13.8583	17.1665	148-1	1.
148	0.	SLU_ENV	Min	-2.1392	-13.2615	148-1	0.
148	0.5	SLU_ENV	Min	-2.7568	0.9928	148-1	0.5
148	1.	SLU_ENV	Min	-3.3744	8.0099	148-1	1.
148	0.	SLV_Ex		34.0968	632.9924	148-1	0.
148	0.5	SLV_Ex		33.6459	631.2702	148-1	0.5
148	1.	SLV_Ex		33.1951	629.5479	148-1	1.
149	0.	SLU_ENV	Max	13.8583	17.1665	149-1	0.
149	0.5	SLU_ENV	Max	13.8816	40.5373	149-1	0.5
149	1.	SLU_ENV	Max	13.905	63.9082	149-1	1.
149	0.	SLU_ENV	Min	-3.3744	8.0099	149-1	0.
149	0.5	SLU_ENV	Min	-4.1609	18.7836	149-1	0.5
149	1.	SLU_ENV	Min	-4.9473	29.5572	149-1	1.
149	0.	SLV_Ex		33.1951	629.5479	149-1	0.
149	0.5	SLV_Ex		30.4601	588.6359	149-1	0.5
149	1.	SLV_Ex		27.7252	547.7239	149-1	1.
150	0.	SLU_ENV	Max	13.905	63.9082	150-1	0.
150	0.5	SLU_ENV	Max	13.1722	96.8997	150-1	0.5
150	1.	SLU_ENV	Max	12.4394	129.8912	150-1	1.
150	0.	SLU_ENV	Min	-4.9473	29.5572	150-1	0.
150	0.5	SLU_ENV	Min	-5.9028	44.7606	150-1	0.5
150	1.	SLU_ENV	Min	-6.8583	59.9639	150-1	1.
150	0.	SLV_Ex		27.7252	547.7239	150-1	0.
150	0.5	SLV_Ex		21.9168	453.4791	150-1	0.5
150	1.	SLV_Ex		16.1084	359.2344	150-1	1.
151	0.	SLU_ENV	Max	12.4394	129.8912	151-1	0.
151	0.5	SLU_ENV	Max	10.664	173.7603	151-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
151	1.	SLU_ENV	Max	8.8885	217.6294	151-1	1.
151	0.	SLU_ENV	Min	-6.8583	59.9639	151-1	0.
151	0.5	SLU_ENV	Min	-7.9669	80.1743	151-1	0.5
151	1.	SLU_ENV	Min	-9.0755	100.3848	151-1	1.
151	0.	SLV_Ex		16.1084	359.2344	151-1	0.
151	0.5	SLV_Ex		6.3474	195.74	151-1	0.5
151	1.	SLV_Ex		-3.4136	32.2456	151-1	1.
152	0.	SLU_ENV	Max	8.8885	217.6294	152-1	0.
152	0.5	SLU_ENV	Max	7.113	261.4985	152-1	0.5
152	1.	SLU_ENV	Max	5.3376	305.3676	152-1	1.
152	0.	SLU_ENV	Min	-9.0755	100.3848	152-1	0.
152	0.5	SLU_ENV	Min	-10.1842	120.5952	152-1	0.5
152	1.	SLU_ENV	Min	-11.2928	140.8056	152-1	1.
152	0.	SLV_Ex		-3.4136	32.2456	152-1	0.
152	0.5	SLV_Ex		-13.1746	-97.4797	152-1	0.5
152	1.	SLV_Ex		-22.9357	-224.4168	152-1	1.
153	0.	SLU_ENV	Max	5.3376	305.3676	153-1	0.
153	0.5	SLU_ENV	Max	3.5621	349.2367	153-1	0.5
153	1.	SLU_ENV	Max	1.7866	393.1058	153-1	1.
153	0.	SLU_ENV	Min	-11.2928	140.8056	153-1	0.
153	0.5	SLU_ENV	Min	-12.4014	161.016	153-1	0.5
153	1.	SLU_ENV	Min	-13.5101	181.2265	153-1	1.
153	0.	SLV_Ex		-22.9357	-224.4168	153-1	0.
153	0.5	SLV_Ex		-32.6967	-316.1908	153-1	0.5
153	1.	SLV_Ex		-42.4577	-405.1766	153-1	1.
154	0.	SLU_ENV	Max	1.7866	393.1058	154-1	0.
154	0.5	SLU_ENV	Max	0.0112	436.9749	154-1	0.5
154	1.	SLU_ENV	Max	-1.2201	480.844	154-1	1.
154	0.	SLU_ENV	Min	-13.5101	181.2265	154-1	0.
154	0.5	SLU_ENV	Min	-14.6187	201.4369	154-1	0.5
154	1.	SLU_ENV	Min	-16.2716	221.6473	154-1	1.
154	0.	SLV_Ex		-42.4577	-405.1766	154-1	0.
154	0.5	SLV_Ex		-52.2187	-458.9992	154-1	0.5
154	1.	SLV_Ex		-61.9797	-510.0337	154-1	1.
155	0.	SLU_ENV	Max	-1.2201	480.844	155-1	0.
155	0.5	SLU_ENV	Max	-2.4001	524.7131	155-1	0.5
155	1.	SLU_ENV	Max	-3.5801	568.5822	155-1	1.
155	0.	SLU_ENV	Min	-16.2716	221.6473	155-1	0.
155	0.5	SLU_ENV	Min	-17.9757	241.8578	155-1	0.5
155	1.	SLU_ENV	Min	-19.6798	262.0682	155-1	1.
155	0.	SLV_Ex		-61.9797	-510.0337	155-1	0.
155	0.5	SLV_Ex		-71.7407	-525.905	155-1	0.5
155	1.	SLV_Ex		-81.5017	-538.9882	155-1	1.
156	0.	SLU_ENV	Max	-3.5801	568.5822	156-1	0.
156	0.5	SLU_ENV	Max	-4.76	612.4597	156-1	0.5
156	1.	SLU_ENV	Max	-5.94	656.3369	156-1	1.
156	0.	SLU_ENV	Min	-19.6798	262.0682	156-1	0.
156	0.5	SLU_ENV	Min	-21.3839	282.2829	156-1	0.5
156	1.	SLU_ENV	Min	-23.088	302.4974	156-1	1.
156	0.	SLV_Ex		-81.5017	-538.9882	156-1	0.
156	0.5	SLV_Ex		-91.2627	-516.9059	156-1	0.5
156	1.	SLV_Ex		-101.0237	-492.0356	156-1	1.
157	0.	SLU_ENV	Max	2.158E-14	9.592E-14	157-1	0.
157	0.5	SLU_ENV	Max	0.3134	-1.1528	157-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
157	1.	SLU_ENV	Max	0.6268	-2.3056	157-1	1.
157	0.	SLU_ENV	Min	1.421E-14	1.847E-14	157-1	0.
157	0.5	SLU_ENV	Min	0.0521	-2.4079	157-1	0.5
157	1.	SLU_ENV	Min	0.1042	-4.8159	157-1	1.
157	0.	SLV_Ex		1.599E-14	7.105E-14	157-1	0.
157	0.5	SLV_Ex		0.995	17.8451	157-1	0.5
157	1.	SLV_Ex		1.99	35.6902	157-1	1.
167	0.	SLU_ENV	Max	0.6268	-2.3056	167-1	0.
167	0.5	SLU_ENV	Max	1.2066	-4.1838	167-1	0.5
167	1.	SLU_ENV	Max	1.7864	-6.0619	167-1	1.
167	0.	SLU_ENV	Min	0.1042	-4.8159	167-1	0.
167	0.5	SLU_ENV	Min	0.1753	-8.7396	167-1	0.5
167	1.	SLU_ENV	Min	0.2464	-12.6634	167-1	1.
167	0.	SLV_Ex		1.99	35.6902	167-1	0.
167	0.5	SLV_Ex		3.7866	68.0685	167-1	0.5
167	1.	SLV_Ex		5.5833	100.4469	167-1	1.
168	0.	SLU_ENV	Max	1.7864	-6.0619	168-1	0.
168	0.5	SLU_ENV	Max	2.5833	-8.2303	168-1	0.5
168	1.	SLU_ENV	Max	3.3803	-10.3988	168-1	1.
168	0.	SLU_ENV	Min	0.2464	-12.6634	168-1	0.
168	0.5	SLU_ENV	Min	0.3033	-17.1953	168-1	0.5
168	1.	SLU_ENV	Min	0.3601	-21.7272	168-1	1.
168	0.	SLV_Ex		5.5833	100.4469	168-1	0.
168	0.5	SLV_Ex		7.9817	143.931	168-1	0.5
168	1.	SLV_Ex		10.3802	187.4152	168-1	1.
169	0.	SLU_ENV	Max	3.3803	-10.3988	169-1	0.
169	0.5	SLU_ENV	Max	4.3396	-12.403	169-1	0.5
169	1.	SLU_ENV	Max	5.2989	-14.4072	169-1	1.
169	0.	SLU_ENV	Min	0.3601	-21.7272	169-1	0.
169	0.5	SLU_ENV	Min	0.3685	-25.9185	169-1	0.5
169	1.	SLU_ENV	Min	0.3768	-30.1099	169-1	1.
169	0.	SLV_Ex		10.3802	187.4152	169-1	0.
169	0.5	SLV_Ex		13.1625	238.2523	169-1	0.5
169	1.	SLV_Ex		15.9448	289.0894	169-1	1.
170	0.	SLU_ENV	Max	5.2989	-14.4072	170-1	0.
170	0.5	SLU_ENV	Max	6.3546	-15.7588	170-1	0.5
170	1.	SLU_ENV	Max	7.4104	-17.1104	170-1	1.
170	0.	SLU_ENV	Min	0.3768	-30.1099	170-1	0.
170	0.5	SLU_ENV	Min	0.3014	-32.9415	170-1	0.5
170	1.	SLU_ENV	Min	0.226	-35.7732	170-1	1.
170	0.	SLV_Ex		15.9448	289.0894	170-1	0.
170	0.5	SLV_Ex		18.8595	342.9197	170-1	0.5
170	1.	SLV_Ex		21.7742	396.7499	170-1	1.
171	0.	SLU_ENV	Max	7.4104	-17.1104	171-1	0.
171	0.5	SLU_ENV	Max	8.4796	-17.2745	171-1	0.5
171	1.	SLU_ENV	Max	9.5487	-17.4386	171-1	1.
171	0.	SLU_ENV	Min	0.226	-35.7732	171-1	0.
171	0.5	SLU_ENV	Min	0.0303	-36.1287	171-1	0.5
171	1.	SLU_ENV	Min	-0.1655	-36.4841	171-1	1.
171	0.	SLV_Ex		21.7742	396.7499	171-1	0.
171	0.5	SLV_Ex		24.5181	448.2771	171-1	0.5
171	1.	SLV_Ex		27.262	499.8042	171-1	1.
172	0.	SLU_ENV	Max	9.5487	-17.4386	172-1	0.
172	0.5	SLU_ENV	Max	10.5243	-15.8247	172-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
172	1.	SLU_ENV	Max	11.4999	-14.2109	172-1	1.
172	0.	SLU_ENV	Min	-0.1655	-36.4841	172-1	0.
172	0.5	SLU_ENV	Min	-0.5188	-33.1308	172-1	0.5
172	1.	SLU_ENV	Min	-0.8722	-29.7774	172-1	1.
172	0.	SLV_Ex		27.262	499.8042	172-1	0.
172	0.5	SLV_Ex		29.4614	542.4469	172-1	0.5
172	1.	SLV_Ex		31.6608	585.0896	172-1	1.
173	0.	SLU_ENV	Max	11.4999	-14.2109	173-1	0.
173	0.5	SLU_ENV	Max	12.244	-10.1723	173-1	0.5
173	1.	SLU_ENV	Max	12.9881	-6.1337	173-1	1.
173	0.	SLU_ENV	Min	-0.8722	-29.7774	173-1	0.
173	0.5	SLU_ENV	Min	-1.4199	-21.3647	173-1	0.5
173	1.	SLU_ENV	Min	-1.9676	-12.952	173-1	1.
173	0.	SLV_Ex		31.6608	585.0896	173-1	0.
173	0.5	SLV_Ex		32.8536	610.6477	173-1	0.5
173	1.	SLV_Ex		34.0465	636.2057	173-1	1.
174	0.	SLU_ENV	Max	12.9881	-6.1337	174-1	0.
174	0.5	SLU_ENV	Max	13.3254	1.9672	174-1	0.5
174	1.	SLU_ENV	Max	13.6628	16.8865	174-1	1.
174	0.	SLU_ENV	Min	-1.9676	-12.952	174-1	0.
174	0.5	SLU_ENV	Min	-2.7436	1.0226	174-1	0.5
174	1.	SLU_ENV	Min	-3.5196	8.1789	174-1	1.
174	0.	SLV_Ex		34.0465	636.2057	174-1	0.
174	0.5	SLV_Ex		33.6682	634.5837	174-1	0.5
174	1.	SLV_Ex		33.29	632.9618	174-1	1.
175	0.	SLU_ENV	Max	13.6628	16.8865	175-1	0.
175	0.5	SLU_ENV	Max	13.3761	39.8013	175-1	0.5
175	1.	SLU_ENV	Max	13.0894	62.7161	175-1	1.
175	0.	SLU_ENV	Min	-3.5196	8.1789	175-1	0.
175	0.5	SLU_ENV	Min	-4.5514	19.1656	175-1	0.5
175	1.	SLU_ENV	Min	-5.5832	30.1523	175-1	1.
175	0.	SLV_Ex		33.29	632.9618	175-1	0.
175	0.5	SLV_Ex		30.6659	592.0037	175-1	0.5
175	1.	SLV_Ex		28.0417	551.0456	175-1	1.
176	0.	SLU_ENV	Max	13.0894	62.7161	176-1	0.
176	0.5	SLU_ENV	Max	11.9173	95.0608	176-1	0.5
176	1.	SLU_ENV	Max	10.7451	127.4055	176-1	1.
176	0.	SLU_ENV	Min	-5.5832	30.1523	176-1	0.
176	0.5	SLU_ENV	Min	-6.887	45.6557	176-1	0.5
176	1.	SLU_ENV	Min	-8.1907	61.1591	176-1	1.
176	0.	SLV_Ex		28.0417	551.0456	176-1	0.
176	0.5	SLV_Ex		22.389	456.5452	176-1	0.5
176	1.	SLV_Ex		16.7362	362.0447	176-1	1.
177	0.	SLU_ENV	Max	10.7451	127.4055	177-1	0.
177	0.5	SLU_ENV	Max	8.3835	170.4114	177-1	0.5
177	1.	SLU_ENV	Max	6.0219	213.4173	177-1	1.
177	0.	SLU_ENV	Min	-8.1907	61.1591	177-1	0.
177	0.5	SLU_ENV	Min	-9.7645	81.7679	177-1	0.5
177	1.	SLU_ENV	Min	-11.3383	102.3766	177-1	1.
177	0.	SLV_Ex		16.7362	362.0447	177-1	0.
177	0.5	SLV_Ex		7.1814	198.0108	177-1	0.5
177	1.	SLV_Ex		-2.3734	33.9768	177-1	1.
178	0.	SLU_ENV	Max	6.0219	213.4173	178-1	0.
178	0.5	SLU_ENV	Max	3.6602	256.4232	178-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
178	1.	SLU_ENV	Max	1.2986	299.4291	178-1	1.
178	0.	SLU_ENV	Min	-11.3383	102.3766	178-1	0.
178	0.5	SLU_ENV	Min	-12.912	122.9853	178-1	0.5
178	1.	SLU_ENV	Min	-14.4858	143.5941	178-1	1.
178	0.	SLV_Ex		-2.3734	33.9768	178-1	0.
178	0.5	SLV_Ex		-11.9282	-96.2881	178-1	0.5
178	1.	SLV_Ex		-21.4831	-223.7648	178-1	1.
179	0.	SLU_ENV	Max	1.2986	299.4291	179-1	0.
179	0.5	SLU_ENV	Max	-0.7589	342.435	179-1	0.5
179	1.	SLU_ENV	Max	-2.329	385.4409	179-1	1.
179	0.	SLU_ENV	Min	-14.4858	143.5941	179-1	0.
179	0.5	SLU_ENV	Min	-16.3637	164.2028	179-1	0.5
179	1.	SLU_ENV	Min	-18.729	184.8115	179-1	1.
179	0.	SLV_Ex		-21.4831	-223.7648	179-1	0.
179	0.5	SLV_Ex		-31.0379	-316.0783	179-1	0.5
179	1.	SLV_Ex		-40.5927	-405.6037	179-1	1.
180	0.	SLU_ENV	Max	-2.329	385.4409	180-1	0.
180	0.5	SLU_ENV	Max	-3.8991	428.4468	180-1	0.5
180	1.	SLU_ENV	Max	-5.4692	471.4527	180-1	1.
180	0.	SLU_ENV	Min	-18.729	184.8115	180-1	0.
180	0.5	SLU_ENV	Min	-21.0943	205.4202	180-1	0.5
180	1.	SLU_ENV	Min	-23.4596	226.029	180-1	1.
180	0.	SLV_Ex		-40.5927	-405.6037	180-1	0.
180	0.5	SLV_Ex		-50.1475	-459.9659	180-1	0.5
180	1.	SLV_Ex		-59.7023	-511.54	180-1	1.
181	0.	SLU_ENV	Max	-5.4692	471.4527	181-1	0.
181	0.5	SLU_ENV	Max	-7.0393	514.4586	181-1	0.5
181	1.	SLU_ENV	Max	-8.6094	557.4645	181-1	1.
181	0.	SLU_ENV	Min	-23.4596	226.029	181-1	0.
181	0.5	SLU_ENV	Min	-25.8248	246.6377	181-1	0.5
181	1.	SLU_ENV	Min	-28.1901	267.2464	181-1	1.
181	0.	SLV_Ex		-59.7023	-511.54	181-1	0.
181	0.5	SLV_Ex		-69.2572	-527.9508	181-1	0.5
181	1.	SLV_Ex		-78.812	-541.5736	181-1	1.
182	0.	SLU_ENV	Max	-8.6094	557.4645	182-1	0.
182	0.5	SLU_ENV	Max	-10.1795	600.4787	182-1	0.5
182	1.	SLU_ENV	Max	-11.7496	643.4925	182-1	1.
182	0.	SLU_ENV	Min	-28.1901	267.2464	182-1	0.
182	0.5	SLU_ENV	Min	-30.5554	287.8596	182-1	0.5
182	1.	SLU_ENV	Min	-32.9207	308.4725	182-1	1.
182	0.	SLV_Ex		-78.812	-541.5736	182-1	0.
182	0.5	SLV_Ex		-88.3668	-520.0308	182-1	0.5
182	1.	SLV_Ex		-97.9216	-495.7001	182-1	1.
183	0.	SLU_ENV	Max	0.	0.	183-1	0.
183	0.5	SLU_ENV	Max	0.3368	-1.1755	183-1	0.5
183	1.	SLU_ENV	Max	0.6735	-2.3511	183-1	1.
183	0.	SLU_ENV	Min	-2.398E-15	-3.837E-14	183-1	0.
183	0.5	SLU_ENV	Min	0.0735	-2.3644	183-1	0.5
183	1.	SLU_ENV	Min	0.1469	-4.7288	183-1	1.
183	0.	SLV_Ex		-1.776E-15	-1.819E-12	183-1	0.
183	0.5	SLV_Ex		0.9701	17.9171	183-1	0.5
183	1.	SLV_Ex		1.9402	35.8342	183-1	1.
193	0.	SLU_ENV	Max	0.6735	-2.3511	193-1	0.
193	0.5	SLU_ENV	Max	1.2914	-4.2662	193-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
193	1.	SLU_ENV	Max	1.9093	-6.1813	193-1	1.
193	0.	SLU_ENV	Min	0.1469	-4.7288	193-1	0.
193	0.5	SLU_ENV	Min	0.253	-8.5813	193-1	0.5
193	1.	SLU_ENV	Min	0.3591	-12.4339	193-1	1.
193	0.	SLV_Ex		1.9402	35.8342	193-1	0.
193	0.5	SLV_Ex		3.6962	68.3471	193-1	0.5
193	1.	SLV_Ex		5.4523	100.8599	193-1	1.
194	0.	SLU_ENV	Max	1.9093	-6.1813	194-1	0.
194	0.5	SLU_ENV	Max	2.7506	-8.3923	194-1	0.5
194	1.	SLU_ENV	Max	3.5918	-10.6033	194-1	1.
194	0.	SLU_ENV	Min	0.3591	-12.4339	194-1	0.
194	0.5	SLU_ENV	Min	0.4566	-16.883	194-1	0.5
194	1.	SLU_ENV	Min	0.5541	-21.3322	194-1	1.
194	0.	SLV_Ex		5.4523	100.8599	194-1	0.
194	0.5	SLV_Ex		7.8039	144.531	194-1	0.5
194	1.	SLV_Ex		10.1556	188.2021	194-1	1.
195	0.	SLU_ENV	Max	3.5918	-10.6033	195-1	0.
195	0.5	SLU_ENV	Max	4.5925	-12.6467	195-1	0.5
195	1.	SLU_ENV	Max	5.5932	-14.69	195-1	1.
195	0.	SLU_ENV	Min	0.5541	-21.3322	195-1	0.
195	0.5	SLU_ENV	Min	0.6006	-25.4461	195-1	0.5
195	1.	SLU_ENV	Min	0.647	-29.5599	195-1	1.
195	0.	SLV_Ex		10.1556	188.2021	195-1	0.
195	0.5	SLV_Ex		12.8948	239.2673	195-1	0.5
195	1.	SLV_Ex		15.6339	290.3324	195-1	1.
196	0.	SLU_ENV	Max	5.5932	-14.69	196-1	0.
196	0.5	SLU_ENV	Max	6.6776	-16.0678	196-1	0.5
196	1.	SLU_ENV	Max	7.7621	-17.4455	196-1	1.
196	0.	SLU_ENV	Min	0.647	-29.5599	196-1	0.
196	0.5	SLU_ENV	Min	0.5981	-32.3377	196-1	0.5
196	1.	SLU_ENV	Min	0.5492	-35.1154	196-1	1.
196	0.	SLV_Ex		15.6339	290.3324	196-1	0.
196	0.5	SLV_Ex		18.5197	344.4179	196-1	0.5
196	1.	SLV_Ex		21.4055	398.5034	196-1	1.
197	0.	SLU_ENV	Max	7.7621	-17.4455	197-1	0.
197	0.5	SLU_ENV	Max	8.8366	-17.612	197-1	0.5
197	1.	SLU_ENV	Max	9.9111	-17.7784	197-1	1.
197	0.	SLU_ENV	Min	0.5492	-35.1154	197-1	0.
197	0.5	SLU_ENV	Min	0.3587	-35.4603	197-1	0.5
197	1.	SLU_ENV	Min	0.1682	-35.8051	197-1	1.
197	0.	SLV_Ex		21.4055	398.5034	197-1	0.
197	0.5	SLV_Ex		24.1462	450.295	197-1	0.5
197	1.	SLV_Ex		26.887	502.0866	197-1	1.
198	0.	SLU_ENV	Max	9.9111	-17.7784	198-1	0.
198	0.5	SLU_ENV	Max	10.8568	-16.1317	198-1	0.5
198	1.	SLU_ENV	Max	11.8025	-14.4849	198-1	1.
198	0.	SLU_ENV	Min	0.1682	-35.8051	198-1	0.
198	0.5	SLU_ENV	Min	-0.2121	-32.5068	198-1	0.5
198	1.	SLU_ENV	Min	-0.5923	-29.2084	198-1	1.
198	0.	SLV_Ex		26.887	502.0866	198-1	0.
198	0.5	SLV_Ex		29.1218	544.9795	198-1	0.5
198	1.	SLV_Ex		31.3566	587.8723	198-1	1.
199	0.	SLU_ENV	Max	11.8025	-14.4849	199-1	0.
199	0.5	SLU_ENV	Max	12.4684	-10.3652	199-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
199	1.	SLU_ENV	Max	13.1344	-6.2455	199-1	1.
199	0.	SLU_ENV	Min	-0.5923	-29.2084	199-1	0.
199	0.5	SLU_ENV	Min	-1.211	-20.9403	199-1	0.5
199	1.	SLU_ENV	Min	-1.8297	-12.6723	199-1	1.
199	0.	SLV_Ex		31.3566	587.8723	199-1	0.
199	0.5	SLV_Ex		32.6375	613.6351	199-1	0.5
199	1.	SLV_Ex		33.9183	639.3979	199-1	1.
200	0.	SLU_ENV	Max	13.1344	-6.2455	200-1	0.
200	0.5	SLU_ENV	Max	13.3314	1.9864	200-1	0.5
200	1.	SLU_ENV	Max	13.5284	16.6451	200-1	1.
200	0.	SLU_ENV	Min	-1.8297	-12.6723	200-1	0.
200	0.5	SLU_ENV	Min	-2.7335	1.0536	200-1	0.5
200	1.	SLU_ENV	Min	-3.6373	8.3528	200-1	1.
200	0.	SLV_Ex		33.9183	639.3979	200-1	0.
200	0.5	SLV_Ex		33.6957	637.8954	200-1	0.5
200	1.	SLV_Ex		33.4731	636.3928	200-1	1.
201	0.	SLU_ENV	Max	13.5284	16.6451	201-1	0.
201	0.5	SLU_ENV	Max	13.0247	39.1565	201-1	0.5
201	1.	SLU_ENV	Max	12.521	61.6679	201-1	1.
201	0.	SLU_ENV	Min	-3.6373	8.3528	201-1	0.
201	0.5	SLU_ENV	Min	-4.8671	19.5582	201-1	0.5
201	1.	SLU_ENV	Min	-6.0968	30.7636	201-1	1.
201	0.	SLV_Ex		33.4731	636.3928	201-1	0.
201	0.5	SLV_Ex		31.0875	595.4184	201-1	0.5
201	1.	SLV_Ex		28.7019	554.4439	201-1	1.
202	0.	SLU_ENV	Max	12.521	61.6679	202-1	0.
202	0.5	SLU_ENV	Max	11.041	93.4402	202-1	0.5
202	1.	SLU_ENV	Max	9.5611	125.2124	202-1	1.
202	0.	SLU_ENV	Min	-6.0968	30.7636	202-1	0.
202	0.5	SLU_ENV	Min	-7.6816	46.575	202-1	0.5
202	1.	SLU_ENV	Min	-9.2663	62.3865	202-1	1.
202	0.	SLV_Ex		28.7019	554.4439	202-1	0.
202	0.5	SLV_Ex		23.3855	459.73	202-1	0.5
202	1.	SLV_Ex		18.0691	365.016	202-1	1.
203	0.	SLU_ENV	Max	9.5611	125.2124	203-1	0.
203	0.5	SLU_ENV	Max	6.7887	167.4539	203-1	0.5
203	1.	SLU_ENV	Max	4.0164	209.6953	203-1	1.
203	0.	SLU_ENV	Min	-9.2663	62.3865	203-1	0.
203	0.5	SLU_ENV	Min	-11.2153	83.404	203-1	0.5
203	1.	SLU_ENV	Min	-13.1643	104.4215	203-1	1.
203	0.	SLV_Ex		18.0691	365.016	203-1	0.
203	0.5	SLV_Ex		8.9611	200.4988	203-1	0.5
203	1.	SLV_Ex		-0.147	35.9816	203-1	1.
204	0.	SLU_ENV	Max	4.0164	209.6953	204-1	0.
204	0.5	SLU_ENV	Max	1.2441	251.9368	204-1	0.5
204	1.	SLU_ENV	Max	-1.0612	294.1782	204-1	1.
204	0.	SLU_ENV	Min	-13.1643	104.4215	204-1	0.
204	0.5	SLU_ENV	Min	-15.1134	125.439	204-1	0.5
204	1.	SLU_ENV	Min	-17.5294	146.4566	204-1	1.
204	0.	SLV_Ex		-0.147	35.9816	204-1	0.
204	0.5	SLV_Ex		-9.255	-94.7665	204-1	0.5
204	1.	SLV_Ex		-18.3631	-222.7264	204-1	1.
205	0.	SLU_ENV	Max	-1.0612	294.1782	205-1	0.
205	0.5	SLU_ENV	Max	-2.9033	336.4197	205-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
205	1.	SLU_ENV	Max	-4.7454	378.6612	205-1	1.
205	0.	SLU_ENV	Min	-17.5294	146.4566	205-1	0.
205	0.5	SLU_ENV	Min	-20.4087	167.4741	205-1	0.5
205	1.	SLU_ENV	Min	-23.2879	188.4916	205-1	1.
205	0.	SLV_Ex		-18.3631	-222.7264	205-1	0.
205	0.5	SLV_Ex		-27.4711	-315.5232	205-1	0.5
205	1.	SLV_Ex		-36.5792	-405.5318	205-1	1.
206	0.	SLU_ENV	Max	-4.7454	378.6612	206-1	0.
206	0.5	SLU_ENV	Max	-6.5874	420.9026	206-1	0.5
206	1.	SLU_ENV	Max	-8.4295	463.1441	206-1	1.
206	0.	SLU_ENV	Min	-23.2879	188.4916	206-1	0.
206	0.5	SLU_ENV	Min	-26.1672	209.5091	206-1	0.5
206	1.	SLU_ENV	Min	-29.0465	230.5267	206-1	1.
206	0.	SLV_Ex		-36.5792	-405.5318	206-1	0.
206	0.5	SLV_Ex		-45.6872	-460.3772	206-1	0.5
206	1.	SLV_Ex		-54.7953	-512.4345	206-1	1.
207	0.	SLU_ENV	Max	-8.4295	463.1441	207-1	0.
207	0.5	SLU_ENV	Max	-10.2716	505.3855	207-1	0.5
207	1.	SLU_ENV	Max	-12.1137	547.627	207-1	1.
207	0.	SLU_ENV	Min	-29.0465	230.5267	207-1	0.
207	0.5	SLU_ENV	Min	-31.9257	251.5442	207-1	0.5
207	1.	SLU_ENV	Min	-34.805	272.5617	207-1	1.
207	0.	SLV_Ex		-54.7953	-512.4345	207-1	0.
207	0.5	SLV_Ex		-63.9033	-529.3286	207-1	0.5
207	1.	SLV_Ex		-73.0113	-543.4346	207-1	1.
208	0.	SLU_ENV	Max	-12.1137	547.627	208-1	0.
208	0.5	SLU_ENV	Max	-13.9557	589.8765	208-1	0.5
208	1.	SLU_ENV	Max	-15.7978	632.1258	208-1	1.
208	0.	SLU_ENV	Min	-34.805	272.5617	208-1	0.
208	0.5	SLU_ENV	Min	-37.6843	293.5837	208-1	0.5
208	1.	SLU_ENV	Min	-40.5635	314.6055	208-1	1.
208	0.	SLV_Ex		-73.0113	-543.4346	208-1	0.
208	0.5	SLV_Ex		-82.1194	-522.3749	208-1	0.5
208	1.	SLV_Ex		-91.2274	-498.5274	208-1	1.
209	0.	SLU_ENV	Max	1.918E-14	3.837E-14	209-1	0.
209	0.5	SLU_ENV	Max	0.3516	-1.1919	209-1	0.5
209	1.	SLU_ENV	Max	0.7033	-2.3838	209-1	1.
209	0.	SLU_ENV	Min	-4.974E-15	0.	209-1	0.
209	0.5	SLU_ENV	Min	0.0923	-2.3139	209-1	0.5
209	1.	SLU_ENV	Min	0.1846	-4.6279	209-1	1.
209	0.	SLV_Ex		-4.263E-14	1.421E-14	209-1	0.
209	0.5	SLV_Ex		0.9274	17.97	209-1	0.5
209	1.	SLV_Ex		1.8549	35.94	209-1	1.
219	0.	SLU_ENV	Max	0.7033	-2.3838	219-1	0.
219	0.5	SLU_ENV	Max	1.3455	-4.3254	219-1	0.5
219	1.	SLU_ENV	Max	1.9877	-6.267	219-1	1.
219	0.	SLU_ENV	Min	0.1846	-4.6279	219-1	0.
219	0.5	SLU_ENV	Min	0.3216	-8.3979	219-1	0.5
219	1.	SLU_ENV	Min	0.4586	-12.1679	219-1	1.
219	0.	SLV_Ex		1.8549	35.94	219-1	0.
219	0.5	SLV_Ex		3.5414	68.556	219-1	0.5
219	1.	SLV_Ex		5.228	101.172	219-1	1.
220	0.	SLU_ENV	Max	1.9877	-6.267	220-1	0.
220	0.5	SLU_ENV	Max	2.8573	-8.5086	220-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
220	1.	SLU_ENV	Max	3.7269	-10.7501	220-1	1.
220	0.	SLU_ENV	Min	0.4586	-12.1679	220-1	0.
220	0.5	SLU_ENV	Min	0.5919	-16.5211	220-1	0.5
220	1.	SLU_ENV	Min	0.7252	-20.8744	220-1	1.
220	0.	SLV_Ex		5.228	101.172	220-1	0.
220	0.5	SLV_Ex		7.4994	144.9938	220-1	0.5
220	1.	SLV_Ex		9.7707	188.8155	220-1	1.
221	0.	SLU_ENV	Max	3.7269	-10.7501	221-1	0.
221	0.5	SLU_ENV	Max	4.754	-12.8214	221-1	0.5
221	1.	SLU_ENV	Max	5.7811	-14.8927	221-1	1.
221	0.	SLU_ENV	Min	0.7252	-20.8744	221-1	0.
221	0.5	SLU_ENV	Min	0.8052	-24.8986	221-1	0.5
221	1.	SLU_ENV	Min	0.8851	-28.9228	221-1	1.
221	0.	SLV_Ex		9.7707	188.8155	221-1	0.
221	0.5	SLV_Ex		12.4357	240.075	221-1	0.5
221	1.	SLV_Ex		15.1006	291.3344	221-1	1.
222	0.	SLU_ENV	Max	5.7811	-14.8927	222-1	0.
222	0.5	SLU_ENV	Max	6.8841	-16.2887	222-1	0.5
222	1.	SLU_ENV	Max	7.987	-17.6848	222-1	1.
222	0.	SLU_ENV	Min	0.8851	-28.9228	222-1	0.
222	0.5	SLU_ENV	Min	0.8596	-31.6381	222-1	0.5
222	1.	SLU_ENV	Min	0.8341	-34.3533	222-1	1.
222	0.	SLV_Ex		15.1006	291.3344	222-1	0.
222	0.5	SLV_Ex		17.9363	345.6519	222-1	0.5
222	1.	SLV_Ex		20.7719	399.9694	222-1	1.
223	0.	SLU_ENV	Max	7.987	-17.6848	223-1	0.
223	0.5	SLU_ENV	Max	9.0652	-17.8524	223-1	0.5
223	1.	SLU_ENV	Max	10.1434	-18.02	223-1	1.
223	0.	SLU_ENV	Min	0.8341	-34.3533	223-1	0.
223	0.5	SLU_ENV	Min	0.6481	-34.6862	223-1	0.5
223	1.	SLU_ENV	Min	0.4621	-35.019	223-1	1.
223	0.	SLV_Ex		20.7719	399.9694	223-1	0.
223	0.5	SLV_Ex		23.5065	452.0217	223-1	0.5
223	1.	SLV_Ex		26.241	504.074	223-1	1.
224	0.	SLU_ENV	Max	10.1434	-18.02	224-1	0.
224	0.5	SLU_ENV	Max	11.0704	-16.3487	224-1	0.5
224	1.	SLU_ENV	Max	11.9975	-14.6774	224-1	1.
224	0.	SLU_ENV	Min	0.4621	-35.019	224-1	0.
224	0.5	SLU_ENV	Min	0.0579	-31.7845	224-1	0.5
224	1.	SLU_ENV	Min	-0.3462	-28.55	224-1	1.
224	0.	SLV_Ex		26.241	504.074	224-1	0.
224	0.5	SLV_Ex		28.5354	547.2423	224-1	0.5
224	1.	SLV_Ex		30.8297	590.4106	224-1	1.
225	0.	SLU_ENV	Max	11.9975	-14.6774	225-1	0.
225	0.5	SLU_ENV	Max	12.6141	-10.4983	225-1	0.5
225	1.	SLU_ENV	Max	13.2308	-6.3192	225-1	1.
225	0.	SLU_ENV	Min	-0.3462	-28.55	225-1	0.
225	0.5	SLU_ENV	Min	-1.0276	-20.45	225-1	0.5
225	1.	SLU_ENV	Min	-1.7091	-12.3499	225-1	1.
225	0.	SLV_Ex		30.8297	590.4106	225-1	0.
225	0.5	SLV_Ex		32.2598	616.4434	225-1	0.5
225	1.	SLV_Ex		33.6898	642.4762	225-1	1.
226	0.	SLU_ENV	Max	13.2308	-6.3192	226-1	0.
226	0.5	SLU_ENV	Max	13.3389	2.0064	226-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
226	1.	SLU_ENV	Max	13.4471	16.3627	226-1	1.
226	0.	SLU_ENV	Min	-1.7091	-12.3499	226-1	0.
226	0.5	SLU_ENV	Min	-2.7259	1.0841	226-1	0.5
226	1.	SLU_ENV	Min	-3.7427	8.4874	226-1	1.
226	0.	SLV_Ex		33.6898	642.4762	226-1	0.
226	0.5	SLV_Ex		33.7317	641.2095	226-1	0.5
226	1.	SLV_Ex		33.7736	639.9429	226-1	1.
227	0.	SLU_ENV	Max	13.4471	16.3627	227-1	0.
227	0.5	SLU_ENV	Max	12.8057	38.4061	227-1	0.5
227	1.	SLU_ENV	Max	12.1644	60.4494	227-1	1.
227	0.	SLU_ENV	Min	-3.7427	8.4874	227-1	0.
227	0.5	SLU_ENV	Min	-5.1473	19.8518	227-1	0.5
227	1.	SLU_ENV	Min	-6.552	31.2162	227-1	1.
227	0.	SLV_Ex		33.7736	639.9429	227-1	0.
227	0.5	SLV_Ex		31.7941	599.132	227-1	0.5
227	1.	SLV_Ex		29.8147	558.321	227-1	1.
228	0.	SLU_ENV	Max	12.1644	60.4494	228-1	0.
228	0.5	SLU_ENV	Max	10.4891	91.5575	228-1	0.5
228	1.	SLU_ENV	Max	8.8137	122.6657	228-1	1.
228	0.	SLU_ENV	Min	-6.552	31.2162	228-1	0.
228	0.5	SLU_ENV	Min	-8.3849	47.251	228-1	0.5
228	1.	SLU_ENV	Min	-10.2178	63.2858	228-1	1.
228	0.	SLV_Ex		29.8147	558.321	228-1	0.
228	0.5	SLV_Ex		25.0716	463.648	228-1	0.5
228	1.	SLV_Ex		20.3284	368.9751	228-1	1.
229	0.	SLU_ENV	Max	8.8137	122.6657	229-1	0.
229	0.5	SLU_ENV	Max	5.7805	164.0205	229-1	0.5
229	1.	SLU_ENV	Max	2.7472	205.3753	229-1	1.
229	0.	SLU_ENV	Min	-10.2178	63.2858	229-1	0.
229	0.5	SLU_ENV	Min	-12.4982	84.5993	229-1	0.5
229	1.	SLU_ENV	Min	-14.7786	105.9128	229-1	1.
229	0.	SLV_Ex		20.3284	368.9751	229-1	0.
229	0.5	SLV_Ex		11.9825	204.3139	229-1	0.5
229	1.	SLV_Ex		3.6366	39.6527	229-1	1.
230	0.	SLU_ENV	Max	2.7472	205.3753	230-1	0.
230	0.5	SLU_ENV	Max	-0.2266	246.7301	230-1	0.5
230	1.	SLU_ENV	Max	-2.2404	288.085	230-1	1.
230	0.	SLU_ENV	Min	-14.7786	105.9128	230-1	0.
230	0.5	SLU_ENV	Min	-17.1184	127.2263	230-1	0.5
230	1.	SLU_ENV	Min	-20.4182	148.5399	230-1	1.
230	0.	SLV_Ex		3.6366	39.6527	230-1	0.
230	0.5	SLV_Ex		-4.7093	-91.2394	230-1	0.5
230	1.	SLV_Ex		-13.0552	-219.3433	230-1	1.
231	0.	SLU_ENV	Max	-2.2404	288.085	231-1	0.
231	0.5	SLU_ENV	Max	-4.2542	329.4398	231-1	0.5
231	1.	SLU_ENV	Max	-6.268	370.7946	231-1	1.
231	0.	SLU_ENV	Min	-20.4182	148.5399	231-1	0.
231	0.5	SLU_ENV	Min	-23.718	169.8534	231-1	0.5
231	1.	SLU_ENV	Min	-27.0179	191.1669	231-1	1.
231	0.	SLV_Ex		-13.0552	-219.3433	231-1	0.
231	0.5	SLV_Ex		-21.4011	-312.2841	231-1	0.5
231	1.	SLV_Ex		-29.747	-402.4367	231-1	1.
232	0.	SLU_ENV	Max	-6.268	370.7946	232-1	0.
232	0.5	SLU_ENV	Max	-8.2818	412.1494	232-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
232	1.	SLU_ENV	Max	-10.2956	453.5043	232-1	1.
232	0.	SLU_ENV	Min	-27.0179	191.1669	232-1	0.
232	0.5	SLU_ENV	Min	-30.3177	212.4804	232-1	0.5
232	1.	SLU_ENV	Min	-33.6175	233.7939	232-1	1.
232	0.	SLV_Ex		-29.747	-402.4367	232-1	0.
232	0.5	SLV_Ex		-38.0929	-457.4261	232-1	0.5
232	1.	SLV_Ex		-46.4388	-509.6274	232-1	1.
233	0.	SLU_ENV	Max	-10.2956	453.5043	233-1	0.
233	0.5	SLU_ENV	Max	-12.3094	494.8591	233-1	0.5
233	1.	SLU_ENV	Max	-14.3232	536.2139	233-1	1.
233	0.	SLU_ENV	Min	-33.6175	233.7939	233-1	0.
233	0.5	SLU_ENV	Min	-36.9173	255.1075	233-1	0.5
233	1.	SLU_ENV	Min	-40.2172	276.421	233-1	1.
233	0.	SLV_Ex		-46.4388	-509.6274	233-1	0.
233	0.5	SLV_Ex		-54.7847	-526.6655	233-1	0.5
233	1.	SLV_Ex		-63.1306	-540.9155	233-1	1.
234	0.	SLU_ENV	Max	-14.3232	536.2139	234-1	0.
234	0.5	SLU_ENV	Max	-16.337	577.5766	234-1	0.5
234	1.	SLU_ENV	Max	-18.3508	618.9389	234-1	1.
234	0.	SLU_ENV	Min	-40.2172	276.421	234-1	0.
234	0.5	SLU_ENV	Min	-43.517	297.739	234-1	0.5
234	1.	SLU_ENV	Min	-46.8168	319.0569	234-1	1.
234	0.	SLV_Ex		-63.1306	-540.9155	234-1	0.
234	0.5	SLV_Ex		-71.4765	-519.9998	234-1	0.5
234	1.	SLV_Ex		-79.8224	-496.2961	234-1	1.
235	0.	SLU_ENV	Max	0.	7.674E-14	235-1	0.
235	0.5	SLU_ENV	Max	0.3642	-1.209	235-1	0.5
235	1.	SLU_ENV	Max	0.7284	-2.418	235-1	1.
235	0.	SLU_ENV	Min	-9.592E-15	1.847E-14	235-1	0.
235	0.5	SLU_ENV	Min	0.1144	-2.2721	235-1	0.5
235	1.	SLU_ENV	Min	0.2289	-4.5443	235-1	1.
235	0.	SLV_Ex		-5.684E-14	5.684E-14	235-1	0.
235	0.5	SLV_Ex		0.8609	18.0151	235-1	0.5
235	1.	SLV_Ex		1.7218	36.0303	235-1	1.
245	0.	SLU_ENV	Max	0.7284	-2.418	245-1	0.
245	0.5	SLU_ENV	Max	1.3912	-4.3874	245-1	0.5
245	1.	SLU_ENV	Max	2.0539	-6.3569	245-1	1.
245	0.	SLU_ENV	Min	0.2289	-4.5443	245-1	0.
245	0.5	SLU_ENV	Min	0.402	-8.2459	245-1	0.5
245	1.	SLU_ENV	Min	0.5751	-11.9475	245-1	1.
245	0.	SLV_Ex		1.7218	36.0303	245-1	0.
245	0.5	SLV_Ex		3.2998	68.737	245-1	0.5
245	1.	SLV_Ex		4.8779	101.4437	245-1	1.
246	0.	SLU_ENV	Max	2.0539	-6.3569	246-1	0.
246	0.5	SLU_ENV	Max	2.9474	-8.6303	246-1	0.5
246	1.	SLU_ENV	Max	3.8409	-10.9038	246-1	1.
246	0.	SLU_ENV	Min	0.5751	-11.9475	246-1	0.
246	0.5	SLU_ENV	Min	0.7504	-16.2212	246-1	0.5
246	1.	SLU_ENV	Min	0.9257	-20.4948	246-1	1.
246	0.	SLV_Ex		4.8779	101.4437	246-1	0.
246	0.5	SLV_Ex		7.0239	145.4016	246-1	0.5
246	1.	SLV_Ex		9.17	189.3596	246-1	1.
247	0.	SLU_ENV	Max	3.8409	-10.9038	247-1	0.
247	0.5	SLU_ENV	Max	4.8905	-13.0043	247-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
247	1.	SLU_ENV	Max	5.9401	-15.1049	247-1	1.
247	0.	SLU_ENV	Min	0.9257	-20.4948	247-1	0.
247	0.5	SLU_ENV	Min	1.0448	-24.4445	247-1	0.5
247	1.	SLU_ENV	Min	1.164	-28.3942	247-1	1.
247	0.	SLV_Ex		9.17	189.3596	247-1	0.
247	0.5	SLV_Ex		11.7189	240.7999	247-1	0.5
247	1.	SLV_Ex		14.2678	292.2402	247-1	1.
248	0.	SLU_ENV	Max	5.9401	-15.1049	248-1	0.
248	0.5	SLU_ENV	Max	7.0587	-16.5201	248-1	0.5
248	1.	SLU_ENV	Max	8.1774	-17.9354	248-1	1.
248	0.	SLU_ENV	Min	1.164	-28.3942	248-1	0.
248	0.5	SLU_ENV	Min	1.1656	-31.0575	248-1	0.5
248	1.	SLU_ENV	Min	1.1673	-33.7207	248-1	1.
248	0.	SLV_Ex		14.2678	292.2402	248-1	0.
248	0.5	SLV_Ex		17.0249	346.7807	248-1	0.5
248	1.	SLV_Ex		19.782	401.3212	248-1	1.
249	0.	SLU_ENV	Max	8.1774	-17.9354	249-1	0.
249	0.5	SLU_ENV	Max	9.2589	-18.1042	249-1	0.5
249	1.	SLU_ENV	Max	10.3404	-18.273	249-1	1.
249	0.	SLU_ENV	Min	1.1673	-33.7207	249-1	0.
249	0.5	SLU_ENV	Min	0.9863	-34.043	249-1	0.5
249	1.	SLU_ENV	Min	0.8053	-34.3653	249-1	1.
249	0.	SLV_Ex		19.782	401.3212	249-1	0.
249	0.5	SLV_Ex		22.5062	453.633	249-1	0.5
249	1.	SLV_Ex		25.2305	505.9448	249-1	1.
250	0.	SLU_ENV	Max	10.3404	-18.273	250-1	0.
250	0.5	SLU_ENV	Max	11.252	-16.5761	250-1	0.5
250	1.	SLU_ENV	Max	12.1635	-14.8791	250-1	1.
250	0.	SLU_ENV	Min	0.8053	-34.3653	250-1	0.
250	0.5	SLU_ENV	Min	0.3728	-31.1831	250-1	0.5
250	1.	SLU_ENV	Min	-0.0597	-28.0008	250-1	1.
250	0.	SLV_Ex		25.2305	505.9448	250-1	0.
250	0.5	SLV_Ex		27.6168	549.3993	250-1	0.5
250	1.	SLV_Ex		30.0032	592.8537	250-1	1.
251	0.	SLU_ENV	Max	12.1635	-14.8791	251-1	0.
251	0.5	SLU_ENV	Max	12.739	-10.6378	251-1	0.5
251	1.	SLU_ENV	Max	13.3144	-6.3965	251-1	1.
251	0.	SLU_ENV	Min	-0.0597	-28.0008	251-1	0.
251	0.5	SLU_ENV	Min	-0.8152	-20.039	251-1	0.5
251	1.	SLU_ENV	Min	-1.5707	-12.0773	251-1	1.
251	0.	SLV_Ex		30.0032	592.8537	251-1	0.
251	0.5	SLV_Ex		31.6649	619.1833	251-1	0.5
251	1.	SLV_Ex		33.3267	645.5129	251-1	1.
252	0.	SLU_ENV	Max	13.3144	-6.3965	252-1	0.
252	0.5	SLU_ENV	Max	13.348	2.0297	252-1	0.5
252	1.	SLU_ENV	Max	13.3816	16.1367	252-1	1.
252	0.	SLU_ENV	Min	-1.5707	-12.0773	252-1	0.
252	0.5	SLU_ENV	Min	-2.7206	1.1158	252-1	0.5
252	1.	SLU_ENV	Min	-3.8704	8.6281	252-1	1.
252	0.	SLV_Ex		33.3267	645.5129	252-1	0.
252	0.5	SLV_Ex		33.7798	644.5299	252-1	0.5
252	1.	SLV_Ex		34.233	643.5468	252-1	1.
253	0.	SLU_ENV	Max	13.3816	16.1367	253-1	0.
253	0.5	SLU_ENV	Max	12.6246	37.7937	253-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
253	1.	SLU_ENV	Max	11.8677	59.4507	253-1	1.
253	0.	SLU_ENV	Min	-3.8704	8.6281	253-1	0.
253	0.5	SLU_ENV	Min	-5.4808	20.1589	253-1	0.5
253	1.	SLU_ENV	Min	-7.0913	31.6896	253-1	1.
253	0.	SLV_Ex		34.233	643.5468	253-1	0.
253	0.5	SLV_Ex		32.8857	602.9725	253-1	0.5
253	1.	SLV_Ex		31.5384	562.3981	253-1	1.
254	0.	SLU_ENV	Max	11.8677	59.4507	254-1	0.
254	0.5	SLU_ENV	Max	10.028	90.0102	254-1	0.5
254	1.	SLU_ENV	Max	8.1884	120.5696	254-1	1.
254	0.	SLU_ENV	Min	-7.0913	31.6896	254-1	0.
254	0.5	SLU_ENV	Min	-9.2159	47.9583	254-1	0.5
254	1.	SLU_ENV	Min	-11.3406	64.2269	254-1	1.
254	0.	SLV_Ex		31.5384	562.3981	254-1	0.
254	0.5	SLV_Ex		27.6878	467.8693	254-1	0.5
254	1.	SLV_Ex		23.8372	373.3406	254-1	1.
255	0.	SLU_ENV	Max	8.1884	120.5696	255-1	0.
255	0.5	SLU_ENV	Max	4.9355	161.1916	255-1	0.5
255	1.	SLU_ENV	Max	1.6827	201.8135	255-1	1.
255	0.	SLU_ENV	Min	-11.3406	64.2269	255-1	0.
255	0.5	SLU_ENV	Min	-14.0103	85.8503	255-1	0.5
255	1.	SLU_ENV	Min	-16.6799	107.4737	255-1	1.
255	0.	SLV_Ex		23.8372	373.3406	255-1	0.
255	0.5	SLV_Ex		16.6784	208.6727	255-1	0.5
255	1.	SLV_Ex		9.5197	44.0048	255-1	1.
256	0.	SLU_ENV	Max	1.6827	201.8135	256-1	0.
256	0.5	SLU_ENV	Max	-1.054	242.4355	256-1	0.5
256	1.	SLU_ENV	Max	-3.2092	283.0575	256-1	1.
256	0.	SLU_ENV	Min	-16.6799	107.4737	256-1	0.
256	0.5	SLU_ENV	Min	-19.8658	129.0971	256-1	0.5
256	1.	SLU_ENV	Min	-23.6331	150.7204	256-1	1.
256	0.	SLV_Ex		9.5197	44.0048	256-1	0.
256	0.5	SLV_Ex		2.3609	-86.8941	256-1	0.5
256	1.	SLV_Ex		-4.7978	-215.0048	256-1	1.
257	0.	SLU_ENV	Max	-3.2092	283.0575	257-1	0.
257	0.5	SLU_ENV	Max	-5.3644	323.6794	257-1	0.5
257	1.	SLU_ENV	Max	-7.5196	364.3014	257-1	1.
257	0.	SLU_ENV	Min	-23.6331	150.7204	257-1	0.
257	0.5	SLU_ENV	Min	-27.4004	172.3438	257-1	0.5
257	1.	SLU_ENV	Min	-31.1677	193.9672	257-1	1.
257	0.	SLV_Ex		-4.7978	-215.0048	257-1	0.
257	0.5	SLV_Ex		-11.9566	-307.9523	257-1	0.5
257	1.	SLV_Ex		-19.1154	-398.1116	257-1	1.
258	0.	SLU_ENV	Max	-7.5196	364.3014	258-1	0.
258	0.5	SLU_ENV	Max	-9.6748	404.9233	258-1	0.5
258	1.	SLU_ENV	Max	-11.83	445.5453	258-1	1.
258	0.	SLU_ENV	Min	-31.1677	193.9672	258-1	0.
258	0.5	SLU_ENV	Min	-34.935	215.5906	258-1	0.5
258	1.	SLU_ENV	Min	-38.7023	237.214	258-1	1.
258	0.	SLV_Ex		-19.1154	-398.1116	258-1	0.
258	0.5	SLV_Ex		-26.2741	-453.1078	258-1	0.5
258	1.	SLV_Ex		-33.4329	-505.3158	258-1	1.
259	0.	SLU_ENV	Max	-11.83	445.5453	259-1	0.
259	0.5	SLU_ENV	Max	-13.9852	486.1672	259-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
259	1.	SLU_ENV	Max	-16.1404	526.7892	259-1	1.
259	0.	SLU_ENV	Min	-38.7023	237.214	259-1	0.
259	0.5	SLU_ENV	Min	-42.4696	258.8374	259-1	0.5
259	1.	SLU_ENV	Min	-46.2369	280.4608	259-1	1.
259	0.	SLV_Ex		-33.4329	-505.3158	259-1	0.
259	0.5	SLV_Ex		-40.5917	-522.3607	259-1	0.5
259	1.	SLV_Ex		-47.7504	-536.6174	259-1	1.
260	0.	SLU_ENV	Max	-16.1404	526.7892	260-1	0.
260	0.5	SLU_ENV	Max	-18.2956	567.4187	260-1	0.5
260	1.	SLU_ENV	Max	-20.4508	608.0479	260-1	1.
260	0.	SLU_ENV	Min	-46.2369	280.4608	260-1	0.
260	0.5	SLU_ENV	Min	-50.0042	302.0887	260-1	0.5
260	1.	SLU_ENV	Min	-53.7715	323.7165	260-1	1.
260	0.	SLV_Ex		-47.7504	-536.6174	260-1	0.
260	0.5	SLV_Ex		-54.9092	-515.7082	260-1	0.5
260	1.	SLV_Ex		-62.068	-492.0111	260-1	1.
261	0.	SLU_ENV	Max	0.	1.151E-13	261-1	0.
261	0.5	SLU_ENV	Max	0.3646	-1.2016	261-1	0.5
261	1.	SLU_ENV	Max	0.7291	-2.4032	261-1	1.
261	0.	SLU_ENV	Min	-2.398E-15	5.684E-14	261-1	0.
261	0.5	SLU_ENV	Min	0.1331	-2.1973	261-1	0.5
261	1.	SLU_ENV	Min	0.2661	-4.3946	261-1	1.
261	0.	SLV_Ex		-1.776E-15	1.890E-12	261-1	0.
261	0.5	SLV_Ex		0.7849	18.0082	261-1	0.5
261	1.	SLV_Ex		1.5697	36.0164	261-1	1.
271	0.	SLU_ENV	Max	0.7291	-2.4032	271-1	0.
271	0.5	SLU_ENV	Max	1.3926	-4.3603	271-1	0.5
271	1.	SLU_ENV	Max	2.0561	-6.3175	271-1	1.
271	0.	SLU_ENV	Min	0.2661	-4.3946	271-1	0.
271	0.5	SLU_ENV	Min	0.4697	-7.9739	271-1	0.5
271	1.	SLU_ENV	Min	0.6733	-11.5532	271-1	1.
271	0.	SLV_Ex		1.5697	36.0164	271-1	0.
271	0.5	SLV_Ex		3.024	68.7288	271-1	0.5
271	1.	SLV_Ex		4.4783	101.4411	271-1	1.
272	0.	SLU_ENV	Max	2.0561	-6.3175	272-1	0.
272	0.5	SLU_ENV	Max	2.9505	-8.5765	272-1	0.5
272	1.	SLU_ENV	Max	3.845	-10.8355	272-1	1.
272	0.	SLU_ENV	Min	0.6733	-11.5532	272-1	0.
272	0.5	SLU_ENV	Min	0.884	-15.6849	272-1	0.5
272	1.	SLU_ENV	Min	1.0948	-19.8166	272-1	1.
272	0.	SLV_Ex		4.4783	101.4411	272-1	0.
272	0.5	SLV_Ex		6.4813	145.4368	272-1	0.5
272	1.	SLV_Ex		8.4844	189.4325	272-1	1.
273	0.	SLU_ENV	Max	3.845	-10.8355	273-1	0.
273	0.5	SLU_ENV	Max	4.8958	-12.9222	273-1	0.5
273	1.	SLU_ENV	Max	5.9466	-15.0088	273-1	1.
273	0.	SLU_ENV	Min	1.0948	-19.8166	273-1	0.
273	0.5	SLU_ENV	Min	1.2471	-23.6337	273-1	0.5
273	1.	SLU_ENV	Min	1.3994	-27.4508	273-1	1.
273	0.	SLV_Ex		8.4844	189.4325	273-1	0.
273	0.5	SLV_Ex		10.9013	240.9623	273-1	0.5
273	1.	SLV_Ex		13.3182	292.492	273-1	1.
274	0.	SLU_ENV	Max	5.9466	-15.0088	274-1	0.
274	0.5	SLU_ENV	Max	7.0666	-16.4137	274-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
274	1.	SLU_ENV	Max	8.1866	-17.8185	274-1	1.
274	0.	SLU_ENV	Min	1.3994	-27.4508	274-1	0.
274	0.5	SLU_ENV	Min	1.4242	-30.0221	274-1	0.5
274	1.	SLU_ENV	Min	1.4489	-32.5934	274-1	1.
274	0.	SLV_Ex		13.3182	292.492	274-1	0.
274	0.5	SLV_Ex		15.9863	347.1929	274-1	0.5
274	1.	SLV_Ex		18.6544	401.8939	274-1	1.
275	0.	SLU_ENV	Max	8.1866	-17.8185	275-1	0.
275	0.5	SLU_ENV	Max	9.2695	-17.9838	275-1	0.5
275	1.	SLU_ENV	Max	10.3524	-18.149	275-1	1.
275	0.	SLU_ENV	Min	1.4489	-32.5934	275-1	0.
275	0.5	SLU_ENV	Min	1.2725	-32.8989	275-1	0.5
275	1.	SLU_ENV	Min	1.0961	-33.2043	275-1	1.
275	0.	SLV_Ex		18.6544	401.8939	275-1	0.
275	0.5	SLV_Ex		21.368	454.4556	275-1	0.5
275	1.	SLV_Ex		24.0817	507.0174	275-1	1.
276	0.	SLU_ENV	Max	10.3524	-18.149	276-1	0.
276	0.5	SLU_ENV	Max	11.2654	-16.4589	276-1	0.5
276	1.	SLU_ENV	Max	12.1783	-14.7688	276-1	1.
276	0.	SLU_ENV	Min	1.0961	-33.2043	276-1	0.
276	0.5	SLU_ENV	Min	0.6402	-30.1182	276-1	0.5
276	1.	SLU_ENV	Min	0.1843	-27.0321	276-1	1.
276	0.	SLV_Ex		24.0817	507.0174	276-1	0.
276	0.5	SLV_Ex		26.5748	550.8279	276-1	0.5
276	1.	SLV_Ex		29.0679	594.6385	276-1	1.
277	0.	SLU_ENV	Max	12.1783	-14.7688	277-1	0.
277	0.5	SLU_ENV	Max	12.7549	-10.5489	277-1	0.5
277	1.	SLU_ENV	Max	13.3315	-6.329	277-1	1.
277	0.	SLU_ENV	Min	0.1843	-27.0321	277-1	0.
277	0.5	SLU_ENV	Min	-0.633	-19.3212	277-1	0.5
277	1.	SLU_ENV	Min	-1.4504	-11.6103	277-1	1.
277	0.	SLV_Ex		29.0679	594.6385	277-1	0.
277	0.5	SLV_Ex		30.9963	621.4435	277-1	0.5
277	1.	SLV_Ex		32.9248	648.2485	277-1	1.
278	0.	SLU_ENV	Max	13.3315	-6.329	278-1	0.
278	0.5	SLU_ENV	Max	13.3659	2.0461	278-1	0.5
278	1.	SLU_ENV	Max	13.4002	15.7026	278-1	1.
278	0.	SLU_ENV	Min	-1.4504	-11.6103	278-1	0.
278	0.5	SLU_ENV	Min	-2.7116	1.1429	278-1	0.5
278	1.	SLU_ENV	Min	-3.9728	8.6148	278-1	1.
278	0.	SLV_Ex		32.9248	648.2485	278-1	0.
278	0.5	SLV_Ex		33.8503	647.8676	278-1	0.5
278	1.	SLV_Ex		34.7758	647.4867	278-1	1.
279	0.	SLU_ENV	Max	13.4002	15.7026	279-1	0.
279	0.5	SLU_ENV	Max	12.6433	36.6629	279-1	0.5
279	1.	SLU_ENV	Max	11.8865	57.6233	279-1	1.
279	0.	SLU_ENV	Min	-3.9728	8.6148	279-1	0.
279	0.5	SLU_ENV	Min	-5.7557	20.0816	279-1	0.5
279	1.	SLU_ENV	Min	-7.5386	31.5483	279-1	1.
279	0.	SLV_Ex		34.7758	647.4867	279-1	0.
279	0.5	SLV_Ex		34.1535	607.6397	279-1	0.5
279	1.	SLV_Ex		33.5312	567.7928	279-1	1.
280	0.	SLU_ENV	Max	11.8865	57.6233	280-1	0.
280	0.5	SLU_ENV	Max	10.0459	87.1951	280-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
280	1.	SLU_ENV	Max	8.2054	116.767	280-1	1.
280	0.	SLU_ENV	Min	-7.5386	31.5483	280-1	0.
280	0.5	SLU_ENV	Min	-9.9081	47.7248	280-1	0.5
280	1.	SLU_ENV	Min	-12.2777	63.9012	280-1	1.
280	0.	SLV_Ex		33.5312	567.7928	280-1	0.
280	0.5	SLV_Ex		30.7035	474.1025	280-1	0.5
280	1.	SLV_Ex		27.8758	380.4122	280-1	1.
281	0.	SLU_ENV	Max	8.2054	116.767	281-1	0.
281	0.5	SLU_ENV	Max	4.9502	156.0712	281-1	0.5
281	1.	SLU_ENV	Max	1.6951	195.3753	281-1	1.
281	0.	SLU_ENV	Min	-12.2777	63.9012	281-1	0.
281	0.5	SLU_ENV	Min	-15.2743	85.4001	281-1	0.5
281	1.	SLU_ENV	Min	-18.2709	106.8989	281-1	1.
281	0.	SLV_Ex		27.8758	380.4122	281-1	0.
281	0.5	SLV_Ex		22.0766	216.6621	281-1	0.5
281	1.	SLV_Ex		16.2774	52.912	281-1	1.
282	0.	SLU_ENV	Max	1.6951	195.3753	282-1	0.
282	0.5	SLU_ENV	Max	-1.0413	234.6795	282-1	0.5
282	1.	SLU_ENV	Max	-3.1968	273.9837	282-1	1.
282	0.	SLU_ENV	Min	-18.2709	106.8989	282-1	0.
282	0.5	SLU_ENV	Min	-21.7863	128.3978	282-1	0.5
282	1.	SLU_ENV	Min	-25.8826	149.8966	282-1	1.
282	0.	SLV_Ex		16.2774	52.912	282-1	0.
282	0.5	SLV_Ex		10.4782	-77.0691	282-1	0.5
282	1.	SLV_Ex		4.679	-204.262	282-1	1.
283	0.	SLU_ENV	Max	-3.1968	273.9837	283-1	0.
283	0.5	SLU_ENV	Max	-5.3524	313.2879	283-1	0.5
283	1.	SLU_ENV	Max	-7.5079	352.592	283-1	1.
283	0.	SLU_ENV	Min	-25.8826	149.8966	283-1	0.
283	0.5	SLU_ENV	Min	-29.9788	171.3955	283-1	0.5
283	1.	SLU_ENV	Min	-34.075	192.8943	283-1	1.
283	0.	SLV_Ex		4.679	-204.262	283-1	0.
283	0.5	SLV_Ex		-1.1202	-296.2917	283-1	0.5
283	1.	SLV_Ex		-6.9194	-385.5332	283-1	1.
284	0.	SLU_ENV	Max	-7.5079	352.592	284-1	0.
284	0.5	SLU_ENV	Max	-9.6634	391.8962	284-1	0.5
284	1.	SLU_ENV	Max	-11.819	431.2004	284-1	1.
284	0.	SLU_ENV	Min	-34.075	192.8943	284-1	0.
284	0.5	SLU_ENV	Min	-38.1712	214.3931	284-1	0.5
284	1.	SLU_ENV	Min	-42.2675	235.892	284-1	1.
284	0.	SLV_Ex		-6.9194	-385.5332	284-1	0.
284	0.5	SLV_Ex		-12.7186	-439.6116	284-1	0.5
284	1.	SLV_Ex		-18.5178	-490.9019	284-1	1.
285	0.	SLU_ENV	Max	-11.819	431.2004	285-1	0.
285	0.5	SLU_ENV	Max	-13.9745	470.5046	285-1	0.5
285	1.	SLU_ENV	Max	-16.1301	509.8088	285-1	1.
285	0.	SLU_ENV	Min	-42.2675	235.892	285-1	0.
285	0.5	SLU_ENV	Min	-46.3637	257.3908	285-1	0.5
285	1.	SLU_ENV	Min	-50.4599	278.8897	285-1	1.
285	0.	SLV_Ex		-18.5178	-490.9019	285-1	0.
285	0.5	SLV_Ex		-24.317	-507.0289	285-1	0.5
285	1.	SLV_Ex		-30.1162	-520.3678	285-1	1.
286	0.	SLU_ENV	Max	-16.1301	509.8088	286-1	0.
286	0.5	SLU_ENV	Max	-18.2856	549.1202	286-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
286	1.	SLU_ENV	Max	-20.4412	588.4313	286-1	1.
286	0.	SLU_ENV	Min	-50.4599	278.8897	286-1	0.
286	0.5	SLU_ENV	Min	-54.5561	300.3931	286-1	0.5
286	1.	SLU_ENV	Min	-58.6524	321.8964	286-1	1.
286	0.	SLV_Ex		-30.1162	-520.3678	286-1	0.
286	0.5	SLV_Ex		-35.9154	-498.5405	286-1	0.5
286	1.	SLV_Ex		-41.7146	-473.9252	286-1	1.
287	0.	SLU_ENV	Max	-2.842E-14	7.674E-14	287-1	0.
287	0.5	SLU_ENV	Max	0.4121	-1.0799	287-1	0.5
287	1.	SLU_ENV	Max	0.8241	-2.1598	287-1	1.
287	0.	SLU_ENV	Min	-4.796E-14	4.725E-14	287-1	0.
287	0.5	SLU_ENV	Min	0.1651	-1.9195	287-1	0.5
287	1.	SLU_ENV	Min	0.3302	-3.839	287-1	1.
287	0.	SLV_Ex		-2.842E-14	1.876E-12	287-1	0.
287	0.5	SLV_Ex		0.6624	17.8299	287-1	0.5
287	1.	SLV_Ex		1.3248	35.6597	287-1	1.
297	0.	SLU_ENV	Max	0.8241	-2.1598	297-1	0.
297	0.5	SLU_ENV	Max	1.5652	-3.9179	297-1	0.5
297	1.	SLU_ENV	Max	2.3064	-5.6761	297-1	1.
297	0.	SLU_ENV	Min	0.3302	-3.839	297-1	0.
297	0.5	SLU_ENV	Min	0.5861	-6.9643	297-1	0.5
297	1.	SLU_ENV	Min	0.842	-10.0895	297-1	1.
297	0.	SLV_Ex		1.3248	35.6597	297-1	0.
297	0.5	SLV_Ex		2.5794	68.0987	297-1	0.5
297	1.	SLV_Ex		3.8339	100.5377	297-1	1.
298	0.	SLU_ENV	Max	2.3064	-5.6761	298-1	0.
298	0.5	SLU_ENV	Max	3.2909	-7.7038	298-1	0.5
298	1.	SLU_ENV	Max	4.2755	-9.7316	298-1	1.
298	0.	SLU_ENV	Min	0.842	-10.0895	298-1	0.
298	0.5	SLU_ENV	Min	1.1135	-13.6942	298-1	0.5
298	1.	SLU_ENV	Min	1.385	-17.2988	298-1	1.
298	0.	SLV_Ex		3.8339	100.5377	298-1	0.
298	0.5	SLV_Ex		5.6062	144.2496	298-1	0.5
298	1.	SLV_Ex		7.3785	187.9615	298-1	1.
299	0.	SLU_ENV	Max	4.2755	-9.7316	299-1	0.
299	0.5	SLU_ENV	Max	5.4104	-11.602	299-1	0.5
299	1.	SLU_ENV	Max	6.5452	-13.4723	299-1	1.
299	0.	SLU_ENV	Min	1.385	-17.2988	299-1	0.
299	0.5	SLU_ENV	Min	1.594	-20.624	299-1	0.5
299	1.	SLU_ENV	Min	1.803	-23.9492	299-1	1.
299	0.	SLV_Ex		7.3785	187.9615	299-1	0.
299	0.5	SLV_Ex		9.5816	239.2844	299-1	0.5
299	1.	SLV_Ex		11.7847	290.6073	299-1	1.
300	0.	SLU_ENV	Max	6.5452	-13.4723	300-1	0.
300	0.5	SLU_ENV	Max	7.7235	-14.7267	300-1	0.5
300	1.	SLU_ENV	Max	8.9017	-15.9811	300-1	1.
300	0.	SLU_ENV	Min	1.803	-23.9492	300-1	0.
300	0.5	SLU_ENV	Min	1.867	-26.1799	300-1	0.5
300	1.	SLU_ENV	Min	1.931	-28.4107	300-1	1.
300	0.	SLV_Ex		11.7847	290.6073	300-1	0.
300	0.5	SLV_Ex		14.3079	345.2705	300-1	0.5
300	1.	SLV_Ex		16.831	399.9337	300-1	1.
301	0.	SLU_ENV	Max	8.9017	-15.9811	301-1	0.
301	0.5	SLU_ENV	Max	9.9951	-16.1174	301-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
301	1.	SLU_ENV	Max	11.0886	-16.2537	301-1	1.
301	0.	SLU_ENV	Min	1.931	-28.4107	301-1	0.
301	0.5	SLU_ENV	Min	1.7617	-28.6544	301-1	0.5
301	1.	SLU_ENV	Min	1.5924	-28.8981	301-1	1.
301	0.	SLV_Ex		16.831	399.9337	301-1	0.
301	0.5	SLV_Ex		19.5252	452.7252	301-1	0.5
301	1.	SLV_Ex		22.2193	505.5167	301-1	1.
302	0.	SLU_ENV	Max	11.0886	-16.2537	302-1	0.
302	0.5	SLU_ENV	Max	11.9402	-14.7178	302-1	0.5
302	1.	SLU_ENV	Max	12.7918	-13.182	302-1	1.
302	0.	SLU_ENV	Min	1.5924	-28.8981	302-1	0.
302	0.5	SLU_ENV	Min	1.0951	-26.1702	302-1	0.5
302	1.	SLU_ENV	Min	0.5978	-23.4424	302-1	1.
302	0.	SLV_Ex		22.2193	505.5167	302-1	0.
302	0.5	SLV_Ex		24.881	549.9291	302-1	0.5
302	1.	SLV_Ex		27.5428	594.3414	302-1	1.
303	0.	SLU_ENV	Max	12.7918	-13.182	303-1	0.
303	0.5	SLU_ENV	Max	13.2087	-9.3676	303-1	0.5
303	1.	SLU_ENV	Max	13.6256	-5.5531	303-1	1.
303	0.	SLU_ENV	Min	0.5978	-23.4424	303-1	0.
303	0.5	SLU_ENV	Min	-0.3272	-16.6648	303-1	0.5
303	1.	SLU_ENV	Min	-1.2522	-9.8872	303-1	1.
303	0.	SLV_Ex		27.5428	594.3414	303-1	0.
303	0.5	SLV_Ex		29.8966	622.2299	303-1	0.5
303	1.	SLV_Ex		32.2504	650.1183	303-1	1.
304	0.	SLU_ENV	Max	13.6256	-5.5531	304-1	0.
304	0.5	SLU_ENV	Max	13.3735	2.0942	304-1	0.5
304	1.	SLU_ENV	Max	13.1213	14.0756	304-1	1.
304	0.	SLU_ENV	Min	-1.2522	-9.8872	304-1	0.
304	0.5	SLU_ENV	Min	-2.7066	1.1894	304-1	0.5
304	1.	SLU_ENV	Min	-4.161	7.9318	304-1	1.
304	0.	SLV_Ex		32.2504	650.1183	304-1	0.
304	0.5	SLV_Ex		33.9316	651.413	304-1	0.5
304	1.	SLV_Ex		35.6129	652.7076	304-1	1.
305	0.	SLU_ENV	Max	13.1213	14.0756	305-1	0.
305	0.5	SLU_ENV	Max	11.9216	32.447	305-1	0.5
305	1.	SLU_ENV	Max	10.7219	50.8184	305-1	1.
305	0.	SLU_ENV	Min	-4.161	7.9318	305-1	0.
305	0.5	SLU_ENV	Min	-6.2425	18.2695	305-1	0.5
305	1.	SLU_ENV	Min	-8.324	28.6071	305-1	1.
305	0.	SLV_Ex		35.6129	652.7076	305-1	0.
305	0.5	SLV_Ex		36.1524	615.2327	305-1	0.5
305	1.	SLV_Ex		36.692	577.7578	305-1	1.
306	0.	SLU_ENV	Max	10.7219	50.8184	306-1	0.
306	0.5	SLU_ENV	Max	8.2537	76.7203	306-1	0.5
306	1.	SLU_ENV	Max	5.7855	102.6221	306-1	1.
306	0.	SLU_ENV	Min	-8.324	28.6071	306-1	0.
306	0.5	SLU_ENV	Min	-11.1167	43.1816	306-1	0.5
306	1.	SLU_ENV	Min	-13.9094	57.7561	306-1	1.
306	0.	SLV_Ex		36.692	577.7578	306-1	0.
306	0.5	SLV_Ex		35.5053	487.2236	306-1	0.5
306	1.	SLV_Ex		34.3187	396.6893	306-1	1.
307	0.	SLU_ENV	Max	5.7855	102.6221	307-1	0.
307	0.5	SLU_ENV	Max	1.693	137.0304	307-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
307	1.	SLU_ENV	Max	-1.4482	171.4387	307-1	1.
307	0.	SLU_ENV	Min	-13.9094	57.7561	307-1	0.
307	0.5	SLU_ENV	Min	-17.4706	77.1163	307-1	0.5
307	1.	SLU_ENV	Min	-21.983	96.4765	307-1	1.
307	0.	SLV_Ex		34.3187	396.6893	307-1	0.
307	0.5	SLV_Ex		30.7025	236.9345	307-1	0.5
307	1.	SLV_Ex		27.0863	77.1797	307-1	1.
308	0.	SLU_ENV	Max	-1.4482	171.4387	308-1	0.
308	0.5	SLU_ENV	Max	-4.1277	205.847	308-1	0.5
308	1.	SLU_ENV	Max	-6.8072	240.2553	308-1	1.
308	0.	SLU_ENV	Min	-21.983	96.4765	308-1	0.
308	0.5	SLU_ENV	Min	-26.957	115.8368	308-1	0.5
308	1.	SLU_ENV	Min	-31.9311	135.197	308-1	1.
308	0.	SLV_Ex		27.0863	77.1797	308-1	0.
308	0.5	SLV_Ex		23.4702	-48.8061	308-1	0.5
308	1.	SLV_Ex		19.854	-172.0036	308-1	1.
309	0.	SLU_ENV	Max	-6.8072	240.2553	309-1	0.
309	0.5	SLU_ENV	Max	-9.4867	274.6636	309-1	0.5
309	1.	SLU_ENV	Max	-12.1663	309.0719	309-1	1.
309	0.	SLU_ENV	Min	-31.9311	135.197	309-1	0.
309	0.5	SLU_ENV	Min	-36.9052	154.5572	309-1	0.5
309	1.	SLU_ENV	Min	-41.8793	173.9175	309-1	1.
309	0.	SLV_Ex		19.854	-172.0036	309-1	0.
309	0.5	SLV_Ex		16.2378	-260.0381	309-1	0.5
309	1.	SLV_Ex		12.6217	-345.2843	309-1	1.
310	0.	SLU_ENV	Max	-12.1663	309.0719	310-1	0.
310	0.5	SLU_ENV	Max	-14.8458	343.4802	310-1	0.5
310	1.	SLU_ENV	Max	-17.5253	377.8885	310-1	1.
310	0.	SLU_ENV	Min	-41.8793	173.9175	310-1	0.
310	0.5	SLU_ENV	Min	-46.8534	193.2777	310-1	0.5
310	1.	SLU_ENV	Min	-51.8275	212.6379	310-1	1.
310	0.	SLV_Ex		12.6217	-345.2843	310-1	0.
310	0.5	SLV_Ex		9.0055	-395.3674	310-1	0.5
310	1.	SLV_Ex		5.3893	-442.6623	310-1	1.
311	0.	SLU_ENV	Max	-17.5253	377.8885	311-1	0.
311	0.5	SLU_ENV	Max	-20.2048	412.2968	311-1	0.5
311	1.	SLU_ENV	Max	-22.8844	446.7051	311-1	1.
311	0.	SLU_ENV	Min	-51.8275	212.6379	311-1	0.
311	0.5	SLU_ENV	Min	-56.8016	231.9981	311-1	0.5
311	1.	SLU_ENV	Min	-61.7757	251.3584	311-1	1.
311	0.	SLV_Ex		5.3893	-442.6623	311-1	0.
311	0.5	SLV_Ex		1.7732	-454.7941	311-1	0.5
311	1.	SLV_Ex		-1.843	-464.1377	311-1	1.
312	0.	SLU_ENV	Max	-22.8844	446.7051	312-1	0.
312	0.5	SLU_ENV	Max	-25.5639	481.1202	312-1	0.5
312	1.	SLU_ENV	Max	-28.2434	515.535	312-1	1.
312	0.	SLU_ENV	Min	-61.7757	251.3584	312-1	0.
312	0.5	SLU_ENV	Min	-66.7498	270.7232	312-1	0.5
312	1.	SLU_ENV	Min	-71.7239	290.0878	312-1	1.
312	0.	SLV_Ex		-1.843	-464.1377	312-1	0.
312	0.5	SLV_Ex		-5.4591	-438.3146	312-1	0.5
312	1.	SLV_Ex		-9.0753	-409.7036	312-1	1.
313	0.	SLU_ENV	Max	0.	0.	313-1	0.
313	0.5	SLU_ENV	Max	0.12	2.1393	313-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
313	1.	SLU_ENV	Max	0.24	4.2787	313-1	1.
313	0.	SLU_ENV	Min	-2.398E-15	0.	313-1	0.
313	0.5	SLU_ENV	Min	-0.0169	0.8283	313-1	0.5
313	1.	SLU_ENV	Min	-0.0339	1.6565	313-1	1.
313	0.	SLV_Ex		-5.862E-14	9.095E-13	313-1	0.
313	0.5	SLV_Ex		-0.6506	16.1145	313-1	0.5
313	1.	SLV_Ex		-1.3012	32.2291	313-1	1.
314	0.	SLU_ENV	Max	0.24	4.2787	314-1	0.
314	0.5	SLU_ENV	Max	0.5007	7.7712	314-1	0.5
314	1.	SLU_ENV	Max	0.7614	11.2637	314-1	1.
314	0.	SLU_ENV	Min	-0.0339	1.6565	314-1	0.
314	0.5	SLU_ENV	Min	-0.0792	3.0093	314-1	0.5
314	1.	SLU_ENV	Min	-0.1244	4.3621	314-1	1.
314	0.	SLV_Ex		-1.3012	32.2291	314-1	0.
314	0.5	SLV_Ex		-2.4383	61.8219	314-1	0.5
314	1.	SLV_Ex		-3.5754	91.4147	314-1	1.
315	0.	SLU_ENV	Max	0.7614	11.2637	315-1	0.
315	0.5	SLU_ENV	Max	1.1826	15.3093	315-1	0.5
315	1.	SLU_ENV	Max	1.6038	19.3549	315-1	1.
315	0.	SLU_ENV	Min	-0.1244	4.3621	315-1	0.
315	0.5	SLU_ENV	Min	-0.2093	5.9303	315-1	0.5
315	1.	SLU_ENV	Min	-0.2942	7.4985	315-1	1.
315	0.	SLV_Ex		-3.5754	91.4147	315-1	0.
315	0.5	SLV_Ex		-5.0305	131.745	315-1	0.5
315	1.	SLV_Ex		-6.4855	172.0754	315-1	1.
316	0.	SLU_ENV	Max	1.6038	19.3549	316-1	0.
316	0.5	SLU_ENV	Max	2.2028	23.1172	316-1	0.5
316	1.	SLU_ENV	Max	2.8019	26.8794	316-1	1.
316	0.	SLU_ENV	Min	-0.2942	7.4985	316-1	0.
316	0.5	SLU_ENV	Min	-0.4296	8.9588	316-1	0.5
316	1.	SLU_ENV	Min	-0.565	10.4192	316-1	1.
316	0.	SLV_Ex		-6.4855	172.0754	316-1	0.
316	0.5	SLV_Ex		-8.0787	220.1065	316-1	0.5
316	1.	SLV_Ex		-9.6718	268.1376	316-1	1.
317	0.	SLU_ENV	Max	2.8019	26.8794	317-1	0.
317	0.5	SLU_ENV	Max	3.591	29.459	317-1	0.5
317	1.	SLU_ENV	Max	4.3802	32.0386	317-1	1.
317	0.	SLU_ENV	Min	-0.565	10.4192	317-1	0.
317	0.5	SLU_ENV	Min	-0.7608	11.4242	317-1	0.5
317	1.	SLU_ENV	Min	-0.9566	12.4291	317-1	1.
317	0.	SLV_Ex		-9.6718	268.1376	317-1	0.
317	0.5	SLV_Ex		-11.202	320.2753	317-1	0.5
317	1.	SLV_Ex		-12.7322	372.413	317-1	1.
318	0.	SLU_ENV	Max	4.3802	32.0386	318-1	0.
318	0.5	SLU_ENV	Max	5.3625	32.4494	318-1	0.5
318	1.	SLU_ENV	Max	6.3449	32.8601	318-1	1.
318	0.	SLU_ENV	Min	-0.9566	12.4291	318-1	0.
318	0.5	SLU_ENV	Min	-1.2209	12.5975	318-1	0.5
318	1.	SLU_ENV	Min	-1.4853	12.7658	318-1	1.
318	0.	SLV_Ex		-12.7322	372.413	318-1	0.
318	0.5	SLV_Ex		-13.9671	424.1947	318-1	0.5
318	1.	SLV_Ex		-15.2021	475.9763	318-1	1.
319	0.	SLU_ENV	Max	6.3449	32.8601	319-1	0.
319	0.5	SLU_ENV	Max	7.5093	30.0119	319-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
319	1.	SLU_ENV	Max	8.6738	27.1637	319-1	1.
319	0.	SLU_ENV	Min	-1.4853	12.7658	319-1	0.
319	0.5	SLU_ENV	Min	-1.8231	11.6759	319-1	0.5
319	1.	SLU_ENV	Min	-2.1609	10.586	319-1	1.
319	0.	SLV_Ex		-15.2021	475.9763	319-1	0.
319	0.5	SLV_Ex		-15.8682	521.733	319-1	0.5
319	1.	SLV_Ex		-16.5343	567.4897	319-1	1.
320	0.	SLU_ENV	Max	8.6738	27.1637	320-1	0.
320	0.5	SLU_ENV	Max	9.9888	19.8601	320-1	0.5
320	1.	SLU_ENV	Max	11.3037	12.5565	320-1	1.
320	0.	SLU_ENV	Min	-2.1609	10.586	320-1	0.
320	0.5	SLU_ENV	Min	-2.5725	7.775	320-1	0.5
320	1.	SLU_ENV	Min	-2.984	4.9641	320-1	1.
320	0.	SLV_Ex		-16.5343	567.4897	320-1	0.
320	0.5	SLV_Ex		-16.3088	600.0107	320-1	0.5
320	1.	SLV_Ex		-16.0833	632.5317	320-1	1.
321	0.	SLU_ENV	Max	11.3037	12.5565	321-1	0.
321	0.5	SLU_ENV	Max	12.7095	-0.0652	321-1	0.5
321	1.	SLU_ENV	Max	14.1152	-5.0944	321-1	1.
321	0.	SLU_ENV	Min	-2.984	4.9641	321-1	0.
321	0.5	SLU_ENV	Min	-3.4625	-0.4871	321-1	0.5
321	1.	SLU_ENV	Min	-3.9409	-13.5306	321-1	1.
321	0.	SLV_Ex		-16.0833	632.5317	321-1	0.
321	0.5	SLV_Ex		-14.5898	642.7683	321-1	0.5
321	1.	SLV_Ex		-13.0963	653.0049	321-1	1.
322	0.	SLU_ENV	Max	14.1152	-5.0944	322-1	0.
322	0.5	SLU_ENV	Max	15.5154	-12.8552	322-1	0.5
322	1.	SLU_ENV	Max	16.9155	-20.6159	322-1	1.
322	0.	SLU_ENV	Min	-3.9409	-13.5306	322-1	0.
322	0.5	SLU_ENV	Min	-4.4697	-33.6392	322-1	0.5
322	1.	SLU_ENV	Min	-4.9986	-53.7477	322-1	1.
322	0.	SLV_Ex		-13.0963	653.0049	322-1	0.
322	0.5	SLV_Ex		-9.9064	629.8595	322-1	0.5
322	1.	SLV_Ex		-6.7165	606.7141	322-1	1.
323	0.	SLU_ENV	Max	16.9155	-20.6159	323-1	0.
323	0.5	SLU_ENV	Max	18.1681	-31.605	323-1	0.5
323	1.	SLU_ENV	Max	19.4207	-42.594	323-1	1.
323	0.	SLU_ENV	Min	-4.9986	-53.7477	323-1	0.
323	0.5	SLU_ENV	Min	-5.5486	-82.2027	323-1	0.5
323	1.	SLU_ENV	Min	-6.0986	-110.6576	323-1	1.
323	0.	SLV_Ex		-6.7165	606.7141	323-1	0.
323	0.5	SLV_Ex		-1.3593	536.974	323-1	0.5
323	1.	SLV_Ex		3.9979	467.2339	323-1	1.
324	0.	SLU_ENV	Max	19.4207	-42.594	324-1	0.
324	0.5	SLU_ENV	Max	20.3288	-57.2413	324-1	0.5
324	1.	SLU_ENV	Max	21.2369	-71.8886	324-1	1.
324	0.	SLU_ENV	Min	-6.0986	-110.6576	324-1	0.
324	0.5	SLU_ENV	Min	-6.6243	-148.5661	324-1	0.5
324	1.	SLU_ENV	Min	-7.1501	-186.4746	324-1	1.
324	0.	SLV_Ex		3.9979	467.2339	324-1	0.
324	0.5	SLV_Ex		12.015	335.7211	324-1	0.5
324	1.	SLV_Ex		20.0321	204.2084	324-1	1.
325	0.	SLU_ENV	Max	21.2369	-71.8886	325-1	0.
325	0.5	SLU_ENV	Max	22.145	-86.5359	325-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
325	1.	SLU_ENV	Max	23.0532	-101.1832	325-1	1.
325	0.	SLU_ENV	Min	-7.1501	-186.4746	325-1	0.
325	0.5	SLU_ENV	Min	-7.6758	-224.3831	325-1	0.5
325	1.	SLU_ENV	Min	-8.2015	-262.2917	325-1	1.
325	0.	SLV_Ex		20.0321	204.2084	325-1	0.
325	0.5	SLV_Ex		28.0492	74.0898	325-1	0.5
325	1.	SLV_Ex		36.0663	-53.2407	325-1	1.
326	0.	SLU_ENV	Max	23.0532	-101.1832	326-1	0.
326	0.5	SLU_ENV	Max	23.9613	-115.8305	326-1	0.5
326	1.	SLU_ENV	Max	24.8694	-130.4778	326-1	1.
326	0.	SLU_ENV	Min	-8.2015	-262.2917	326-1	0.
326	0.5	SLU_ENV	Min	-8.7273	-300.2002	326-1	0.5
326	1.	SLU_ENV	Min	-9.253	-338.1087	326-1	1.
326	0.	SLV_Ex		36.0663	-53.2407	326-1	0.
326	0.5	SLV_Ex		44.0834	-177.783	326-1	0.5
326	1.	SLV_Ex		52.1006	-299.5372	326-1	1.
327	0.	SLU_ENV	Max	24.8694	-130.4778	327-1	0.
327	0.5	SLU_ENV	Max	25.7775	-145.1251	327-1	0.5
327	1.	SLU_ENV	Max	26.6856	-159.7724	327-1	1.
327	0.	SLU_ENV	Min	-9.253	-338.1087	327-1	0.
327	0.5	SLU_ENV	Min	-9.7788	-376.0172	327-1	0.5
327	1.	SLU_ENV	Min	-10.3045	-413.9257	327-1	1.
327	0.	SLV_Ex		52.1006	-299.5372	327-1	0.
327	0.5	SLV_Ex		60.1177	-418.5032	327-1	0.5
327	1.	SLV_Ex		68.1348	-534.681	327-1	1.
328	0.	SLU_ENV	Max	26.6856	-159.7724	328-1	0.
328	0.5	SLU_ENV	Max	27.5937	-174.4197	328-1	0.5
328	1.	SLU_ENV	Max	28.5019	-189.067	328-1	1.
328	0.	SLU_ENV	Min	-10.3045	-413.9257	328-1	0.
328	0.5	SLU_ENV	Min	-10.8302	-451.8342	328-1	0.5
328	1.	SLU_ENV	Min	-11.356	-489.7427	328-1	1.
328	0.	SLV_Ex		68.1348	-534.681	328-1	0.
328	0.5	SLV_Ex		76.1519	-648.0707	328-1	0.5
328	1.	SLV_Ex		84.169	-758.6722	328-1	1.
329	0.	SLU_ENV	Max	28.5019	-189.067	329-1	0.
329	0.5	SLU_ENV	Max	29.41	-203.7112	329-1	0.5
329	1.	SLU_ENV	Max	30.3181	-218.3557	329-1	1.
329	0.	SLU_ENV	Min	-11.356	-489.7427	329-1	0.
329	0.5	SLU_ENV	Min	-11.8817	-527.643	329-1	0.5
329	1.	SLU_ENV	Min	-12.4074	-565.5437	329-1	1.
329	0.	SLV_Ex		84.169	-758.6722	329-1	0.
329	0.5	SLV_Ex		92.1861	-866.4802	329-1	0.5
329	1.	SLV_Ex		100.2032	-971.5002	329-1	1.
330	0.	SLU_ENV	Max	0.	1.990E-14	330-1	0.
330	0.5	SLU_ENV	Max	0.0899	2.5143	330-1	0.5
330	1.	SLU_ENV	Max	0.1798	5.0285	330-1	1.
330	0.	SLU_ENV	Min	0.	-7.674E-14	330-1	0.
330	0.5	SLU_ENV	Min	-0.0865	1.0006	330-1	0.5
330	1.	SLU_ENV	Min	-0.1729	2.0012	330-1	1.
330	0.	SLV_Ex		5.684E-14	1.762E-12	330-1	0.
330	0.5	SLV_Ex		-0.8222	17.0065	330-1	0.5
330	1.	SLV_Ex		-1.6445	34.013	330-1	1.
331	0.	SLU_ENV	Max	0.1798	5.0285	331-1	0.
331	0.5	SLU_ENV	Max	0.3915	9.1341	331-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
331	1.	SLU_ENV	Max	0.6032	13.2397	331-1	1.
331	0.	SLU_ENV	Min	-0.1729	2.0012	331-1	0.
331	0.5	SLU_ENV	Min	-0.3313	3.6357	331-1	0.5
331	1.	SLU_ENV	Min	-0.4897	5.2702	331-1	1.
331	0.	SLV_Ex		-1.6445	34.013	331-1	0.
331	0.5	SLV_Ex		-3.0611	65.0803	331-1	0.5
331	1.	SLV_Ex		-4.4776	96.1475	331-1	1.
332	0.	SLU_ENV	Max	0.6032	13.2397	332-1	0.
332	0.5	SLU_ENV	Max	0.9681	17.9974	332-1	0.5
332	1.	SLU_ENV	Max	1.3329	22.755	332-1	1.
332	0.	SLU_ENV	Min	-0.4897	5.2702	332-1	0.
332	0.5	SLU_ENV	Min	-0.705	7.1655	332-1	0.5
332	1.	SLU_ENV	Min	-0.9204	9.0607	332-1	1.
332	0.	SLV_Ex		-4.4776	96.1475	332-1	0.
332	0.5	SLV_Ex		-6.2553	138.2196	332-1	0.5
332	1.	SLV_Ex		-8.033	180.2917	332-1	1.
333	0.	SLU_ENV	Max	1.3329	22.755	333-1	0.
333	0.5	SLU_ENV	Max	1.8802	27.1826	333-1	0.5
333	1.	SLU_ENV	Max	2.4275	31.6102	333-1	1.
333	0.	SLU_ENV	Min	-0.9204	9.0607	333-1	0.
333	0.5	SLU_ENV	Min	-1.176	10.8264	333-1	0.5
333	1.	SLU_ENV	Min	-1.4315	12.5922	333-1	1.
333	0.	SLV_Ex		-8.033	180.2917	333-1	0.
333	0.5	SLV_Ex		-9.924	230.0012	333-1	0.5
333	1.	SLV_Ex		-11.815	279.7108	333-1	1.
334	0.	SLU_ENV	Max	2.4275	31.6102	334-1	0.
334	0.5	SLU_ENV	Max	3.1823	34.6519	334-1	0.5
334	1.	SLU_ENV	Max	3.9371	37.6936	334-1	1.
334	0.	SLU_ENV	Min	-1.4315	12.5922	334-1	0.
334	0.5	SLU_ENV	Min	-1.7078	13.8088	334-1	0.5
334	1.	SLU_ENV	Min	-1.984	15.0254	334-1	1.
334	0.	SLV_Ex		-11.815	279.7108	334-1	0.
334	0.5	SLV_Ex		-13.5457	333.1065	334-1	0.5
334	1.	SLV_Ex		-15.2763	386.5022	334-1	1.
335	0.	SLU_ENV	Max	3.9371	37.6936	335-1	0.
335	0.5	SLU_ENV	Max	4.9166	38.1912	335-1	0.5
335	1.	SLU_ENV	Max	5.8961	38.6888	335-1	1.
335	0.	SLU_ENV	Min	-1.984	15.0254	335-1	0.
335	0.5	SLU_ENV	Min	-2.2567	15.2325	335-1	0.5
335	1.	SLU_ENV	Min	-2.5293	15.4396	335-1	1.
335	0.	SLV_Ex		-15.2763	386.5022	335-1	0.
335	0.5	SLV_Ex		-16.5345	438.7267	335-1	0.5
335	1.	SLV_Ex		-17.7927	490.9512	335-1	1.
336	0.	SLU_ENV	Max	5.8961	38.6888	336-1	0.
336	0.5	SLU_ENV	Max	7.1048	35.362	336-1	0.5
336	1.	SLU_ENV	Max	8.3134	32.0352	336-1	1.
336	0.	SLU_ENV	Min	-2.5293	15.4396	336-1	0.
336	0.5	SLU_ENV	Min	-2.7677	14.1282	336-1	0.5
336	1.	SLU_ENV	Min	-3.0061	12.8167	336-1	1.
336	0.	SLV_Ex		-17.7927	490.9512	336-1	0.
336	0.5	SLV_Ex		-18.217	535.8953	336-1	0.5
336	1.	SLV_Ex		-18.6413	580.8393	336-1	1.
337	0.	SLU_ENV	Max	8.3134	32.0352	337-1	0.
337	0.5	SLU_ENV	Max	9.7365	23.4783	337-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
337	1.	SLU_ENV	Max	11.1596	14.9214	337-1	1.
337	0.	SLU_ENV	Min	-3.0061	12.8167	337-1	0.
337	0.5	SLU_ENV	Min	-3.1713	9.4277	337-1	0.5
337	1.	SLU_ENV	Min	-3.3365	6.0386	337-1	1.
337	0.	SLV_Ex		-18.6413	580.8393	337-1	0.
337	0.5	SLV_Ex		-17.8125	610.8036	337-1	0.5
337	1.	SLV_Ex		-16.9837	640.7678	337-1	1.
338	0.	SLU_ENV	Max	11.1596	14.9214	338-1	0.
338	0.5	SLU_ENV	Max	12.7555	-0.0286	338-1	0.5
338	1.	SLU_ENV	Max	14.3514	-6.0959	338-1	1.
338	0.	SLU_ENV	Min	-3.3365	6.0386	338-1	0.
338	0.5	SLU_ENV	Min	-3.38	-0.3749	338-1	0.5
338	1.	SLU_ENV	Min	-3.4234	-15.6712	338-1	1.
338	0.	SLV_Ex		-16.9837	640.7678	338-1	0.
338	0.5	SLV_Ex		-14.4223	646.1713	338-1	0.5
338	1.	SLV_Ex		-11.8609	651.5748	338-1	1.
339	0.	SLU_ENV	Max	14.3514	-6.0959	339-1	0.
339	0.5	SLU_ENV	Max	16.0425	-15.4614	339-1	0.5
339	1.	SLU_ENV	Max	17.7335	-24.827	339-1	1.
339	0.	SLU_ENV	Min	-3.4234	-15.6712	339-1	0.
339	0.5	SLU_ENV	Min	-3.2857	-39.2647	339-1	0.5
339	1.	SLU_ENV	Min	-3.148	-62.8582	339-1	1.
339	0.	SLV_Ex		-11.8609	651.5748	339-1	0.
339	0.5	SLV_Ex		-7.0323	620.7614	339-1	0.5
339	1.	SLV_Ex		-2.2038	589.9479	339-1	1.
340	0.	SLU_ENV	Max	17.7335	-24.827	340-1	0.
340	0.5	SLU_ENV	Max	19.3954	-38.0912	340-1	0.5
340	1.	SLU_ENV	Max	21.0573	-51.3555	340-1	1.
340	0.	SLU_ENV	Min	-3.148	-62.8582	340-1	0.
340	0.5	SLU_ENV	Min	-2.7586	-96.2558	340-1	0.5
340	1.	SLU_ENV	Min	-2.3691	-129.6535	340-1	1.
340	0.	SLV_Ex		-2.2038	589.9479	340-1	0.
340	0.5	SLV_Ex		5.4648	509.1507	340-1	0.5
340	1.	SLV_Ex		13.1334	428.3534	340-1	1.
341	0.	SLU_ENV	Max	21.0573	-51.3555	341-1	0.
341	0.5	SLU_ENV	Max	22.5084	-69.0385	341-1	0.5
341	1.	SLU_ENV	Max	23.9595	-86.7214	341-1	1.
341	0.	SLU_ENV	Min	-2.3691	-129.6535	341-1	0.
341	0.5	SLU_ENV	Min	-1.6473	-174.1586	341-1	0.5
341	1.	SLU_ENV	Min	-0.9255	-218.6637	341-1	1.
341	0.	SLV_Ex		13.1334	428.3534	341-1	0.
341	0.5	SLV_Ex		24.2222	281.8947	341-1	0.5
341	1.	SLV_Ex		35.3109	135.436	341-1	1.
342	0.	SLU_ENV	Max	23.9595	-86.7214	342-1	0.
342	0.5	SLU_ENV	Max	25.4106	-104.4044	342-1	0.5
342	1.	SLU_ENV	Max	26.8617	-122.0873	342-1	1.
342	0.	SLU_ENV	Min	-0.9255	-218.6637	342-1	0.
342	0.5	SLU_ENV	Min	-0.2037	-263.1688	342-1	0.5
342	1.	SLU_ENV	Min	0.5181	-307.6739	342-1	1.
342	0.	SLV_Ex		35.3109	135.436	342-1	0.
342	0.5	SLV_Ex		46.3997	-9.6287	342-1	0.5
342	1.	SLV_Ex		57.4885	-151.9051	342-1	1.
343	0.	SLU_ENV	Max	26.8617	-122.0873	343-1	0.
343	0.5	SLU_ENV	Max	28.3128	-139.7703	343-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
343	1.	SLU_ENV	Max	29.764	-157.4532	343-1	1.
343	0.	SLU_ENV	Min	0.5181	-307.6739	343-1	0.
343	0.5	SLU_ENV	Min	1.2399	-352.179	343-1	0.5
343	1.	SLU_ENV	Min	1.9617	-396.6842	343-1	1.
343	0.	SLV_Ex		57.4885	-151.9051	343-1	0.
343	0.5	SLV_Ex		68.5772	-291.3934	343-1	0.5
343	1.	SLV_Ex		79.666	-428.0936	343-1	1.
344	0.	SLU_ENV	Max	29.764	-157.4532	344-1	0.
344	0.5	SLU_ENV	Max	31.2151	-175.1362	344-1	0.5
344	1.	SLU_ENV	Max	32.6662	-192.8191	344-1	1.
344	0.	SLU_ENV	Min	1.9617	-396.6842	344-1	0.
344	0.5	SLU_ENV	Min	2.6835	-441.1893	344-1	0.5
344	1.	SLU_ENV	Min	3.4053	-485.6944	344-1	1.
344	0.	SLV_Ex		79.666	-428.0936	344-1	0.
344	0.5	SLV_Ex		90.7548	-562.0056	344-1	0.5
344	1.	SLV_Ex		101.8435	-693.1294	344-1	1.
345	0.	SLU_ENV	Max	32.6662	-192.8191	345-1	0.
345	0.5	SLU_ENV	Max	34.1173	-210.5021	345-1	0.5
345	1.	SLU_ENV	Max	35.5684	-228.185	345-1	1.
345	0.	SLU_ENV	Min	3.4053	-485.6944	345-1	0.
345	0.5	SLU_ENV	Min	4.1271	-530.1995	345-1	0.5
345	1.	SLU_ENV	Min	4.8489	-574.7046	345-1	1.
345	0.	SLV_Ex		101.8435	-693.1294	345-1	0.
345	0.5	SLV_Ex		112.9323	-821.465	345-1	0.5
345	1.	SLV_Ex		124.0211	-947.0125	345-1	1.
346	0.	SLU_ENV	Max	35.5684	-228.185	346-1	0.
346	0.5	SLU_ENV	Max	37.0195	-245.8646	346-1	0.5
346	1.	SLU_ENV	Max	38.4706	-263.5444	346-1	1.
346	0.	SLU_ENV	Min	4.8489	-574.7046	346-1	0.
346	0.5	SLU_ENV	Min	5.5707	-619.2014	346-1	0.5
346	1.	SLU_ENV	Min	6.2925	-663.6985	346-1	1.
346	0.	SLV_Ex		124.0211	-947.0125	346-1	0.
346	0.5	SLV_Ex		135.1098	-1069.7659	346-1	0.5
346	1.	SLV_Ex		146.1986	-1189.7314	346-1	1.
347	0.	SLU_ENV	Max	2.398E-15	0.	347-1	0.
347	0.5	SLU_ENV	Max	0.1389	2.5432	347-1	0.5
347	1.	SLU_ENV	Max	0.2779	5.0864	347-1	1.
347	0.	SLU_ENV	Min	0.	0.	347-1	0.
347	0.5	SLU_ENV	Min	-0.0633	1.0464	347-1	0.5
347	1.	SLU_ENV	Min	-0.1265	2.0927	347-1	1.
347	0.	SLV_Ex		1.776E-15	0.	347-1	0.
347	0.5	SLV_Ex		-0.774	17.2743	347-1	0.5
347	1.	SLV_Ex		-1.548	34.5486	347-1	1.
348	0.	SLU_ENV	Max	0.2779	5.0864	348-1	0.
348	0.5	SLU_ENV	Max	0.5698	9.2398	348-1	0.5
348	1.	SLU_ENV	Max	0.8617	13.3932	348-1	1.
348	0.	SLU_ENV	Min	-0.1265	2.0927	348-1	0.
348	0.5	SLU_ENV	Min	-0.2468	3.8022	348-1	0.5
348	1.	SLU_ENV	Min	-0.3671	5.5117	348-1	1.
348	0.	SLV_Ex		-1.548	34.5486	348-1	0.
348	0.5	SLV_Ex		-2.8852	66.0707	348-1	0.5
348	1.	SLV_Ex		-4.2224	97.5927	348-1	1.
349	0.	SLU_ENV	Max	0.8617	13.3932	349-1	0.
349	0.5	SLU_ENV	Max	1.3197	18.2074	349-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
349	1.	SLU_ENV	Max	1.7777	23.0217	349-1	1.
349	0.	SLU_ENV	Min	-0.3671	5.5117	349-1	0.
349	0.5	SLU_ENV	Min	-0.5377	7.4942	349-1	0.5
349	1.	SLU_ENV	Min	-0.7083	9.4767	349-1	1.
349	0.	SLV_Ex		-4.2224	97.5927	349-1	0.
349	0.5	SLV_Ex		-5.907	140.2241	349-1	0.5
349	1.	SLV_Ex		-7.5917	182.8554	349-1	1.
350	0.	SLU_ENV	Max	1.7777	23.0217	350-1	0.
350	0.5	SLU_ENV	Max	2.4122	27.5039	350-1	0.5
350	1.	SLU_ENV	Max	3.0467	31.9862	350-1	1.
350	0.	SLU_ENV	Min	-0.7083	9.4767	350-1	0.
350	0.5	SLU_ENV	Min	-0.9215	11.3244	350-1	0.5
350	1.	SLU_ENV	Min	-1.1347	13.1721	350-1	1.
350	0.	SLV_Ex		-7.5917	182.8554	350-1	0.
350	0.5	SLV_Ex		-9.3943	233.1415	350-1	0.5
350	1.	SLV_Ex		-11.1969	283.4276	350-1	1.
351	0.	SLU_ENV	Max	3.0467	31.9862	351-1	0.
351	0.5	SLU_ENV	Max	3.8623	35.0691	351-1	0.5
351	1.	SLU_ENV	Max	4.6779	38.152	351-1	1.
351	0.	SLU_ENV	Min	-1.1347	13.1721	351-1	0.
351	0.5	SLU_ENV	Min	-1.3802	14.4464	351-1	0.5
351	1.	SLU_ENV	Min	-1.6258	15.7207	351-1	1.
351	0.	SLV_Ex		-11.1969	283.4276	351-1	0.
351	0.5	SLV_Ex		-12.8634	337.3216	351-1	0.5
351	1.	SLV_Ex		-14.53	391.2156	351-1	1.
352	0.	SLU_ENV	Max	4.6779	38.152	352-1	0.
352	0.5	SLU_ENV	Max	5.6692	38.6645	352-1	0.5
352	1.	SLU_ENV	Max	6.6606	39.1771	352-1	1.
352	0.	SLU_ENV	Min	-1.6258	15.7207	352-1	0.
352	0.5	SLU_ENV	Min	-1.89	15.9403	352-1	0.5
352	1.	SLU_ENV	Min	-2.1541	16.1599	352-1	1.
352	0.	SLV_Ex		-14.53	391.2156	352-1	0.
352	0.5	SLV_Ex		-15.7701	443.7526	352-1	0.5
352	1.	SLV_Ex		-17.0102	496.2897	352-1	1.
353	0.	SLU_ENV	Max	6.6606	39.1771	353-1	0.
353	0.5	SLU_ENV	Max	7.8073	35.8248	353-1	0.5
353	1.	SLU_ENV	Max	8.954	32.4725	353-1	1.
353	0.	SLU_ENV	Min	-2.1541	16.1599	353-1	0.
353	0.5	SLU_ENV	Min	-2.4178	14.7927	353-1	0.5
353	1.	SLU_ENV	Min	-2.6815	13.4254	353-1	1.
353	0.	SLV_Ex		-17.0102	496.2897	353-1	0.
353	0.5	SLV_Ex		-17.4866	541.2377	353-1	0.5
353	1.	SLV_Ex		-17.9629	586.1857	353-1	1.
354	0.	SLU_ENV	Max	8.954	32.4725	354-1	0.
354	0.5	SLU_ENV	Max	10.2141	23.8339	354-1	0.5
354	1.	SLU_ENV	Max	11.4742	15.1953	354-1	1.
354	0.	SLU_ENV	Min	-2.6815	13.4254	354-1	0.
354	0.5	SLU_ENV	Min	-2.9186	9.8868	354-1	0.5
354	1.	SLU_ENV	Min	-3.1558	6.3482	354-1	1.
354	0.	SLV_Ex		-17.9629	586.1857	354-1	0.
354	0.5	SLV_Ex		-17.283	615.7051	354-1	0.5
354	1.	SLV_Ex		-16.603	645.2245	354-1	1.
355	0.	SLU_ENV	Max	11.4742	15.1953	355-1	0.
355	0.5	SLU_ENV	Max	12.7767	0.0102	355-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
355	1.	SLU_ENV	Max	14.0792	-6.3278	355-1	1.
355	0.	SLU_ENV	Min	-3.1558	6.3482	355-1	0.
355	0.5	SLU_ENV	Min	-3.3316	-0.2563	355-1	0.5
355	1.	SLU_ENV	Min	-3.5075	-15.7079	355-1	1.
355	0.	SLV_Ex		-16.603	645.2245	355-1	0.
355	0.5	SLV_Ex		-14.3162	649.5771	355-1	0.5
355	1.	SLV_Ex		-12.0293	653.9297	355-1	1.
356	0.	SLU_ENV	Max	14.0792	-6.3278	356-1	0.
356	0.5	SLU_ENV	Max	15.3158	-16.1137	356-1	0.5
356	1.	SLU_ENV	Max	16.5525	-25.8996	356-1	1.
356	0.	SLU_ENV	Min	-3.5075	-15.7079	356-1	0.
356	0.5	SLU_ENV	Min	-3.5771	-39.5482	356-1	0.5
356	1.	SLU_ENV	Min	-3.6468	-63.3886	356-1	1.
356	0.	SLV_Ex		-12.0293	653.9297	356-1	0.
356	0.5	SLV_Ex		-7.6311	621.2873	356-1	0.5
356	1.	SLV_Ex		-3.2328	588.6448	356-1	1.
357	0.	SLU_ENV	Max	16.5525	-25.8996	357-1	0.
357	0.5	SLU_ENV	Max	17.5695	-39.7616	357-1	0.5
357	1.	SLU_ENV	Max	18.5866	-53.6235	357-1	1.
357	0.	SLU_ENV	Min	-3.6468	-63.3886	357-1	0.
357	0.5	SLU_ENV	Min	-3.5538	-97.1427	357-1	0.5
357	1.	SLU_ENV	Min	-3.4609	-130.8969	357-1	1.
357	0.	SLV_Ex		-3.2328	588.6448	357-1	0.
357	0.5	SLV_Ex		3.8202	505.0611	357-1	0.5
357	1.	SLV_Ex		10.8732	421.4774	357-1	1.
358	0.	SLU_ENV	Max	18.5866	-53.6235	358-1	0.
358	0.5	SLU_ENV	Max	19.1767	-72.1056	358-1	0.5
358	1.	SLU_ENV	Max	19.7668	-90.5877	358-1	1.
358	0.	SLU_ENV	Min	-3.4609	-130.8969	358-1	0.
358	0.5	SLU_ENV	Min	-3.1373	-175.8844	358-1	0.5
358	1.	SLU_ENV	Min	-2.8138	-220.8719	358-1	1.
358	0.	SLV_Ex		10.8732	421.4774	358-1	0.
358	0.5	SLV_Ex		21.1349	271.0995	358-1	0.5
358	1.	SLV_Ex		31.3966	120.7216	358-1	1.
359	0.	SLU_ENV	Max	19.7668	-90.5877	359-1	0.
359	0.5	SLU_ENV	Max	20.3569	-109.0699	359-1	0.5
359	1.	SLU_ENV	Max	20.9471	-127.552	359-1	1.
359	0.	SLU_ENV	Min	-2.8138	-220.8719	359-1	0.
359	0.5	SLU_ENV	Min	-2.4902	-265.8595	359-1	0.5
359	1.	SLU_ENV	Min	-2.1666	-310.847	359-1	1.
359	0.	SLV_Ex		31.3966	120.7216	359-1	0.
359	0.5	SLV_Ex		41.6582	-28.2622	359-1	0.5
359	1.	SLV_Ex		51.9199	-174.4579	359-1	1.
360	0.	SLU_ENV	Max	20.9471	-127.552	360-1	0.
360	0.5	SLU_ENV	Max	21.5372	-146.0341	360-1	0.5
360	1.	SLU_ENV	Max	22.1273	-164.5162	360-1	1.
360	0.	SLU_ENV	Min	-2.1666	-310.847	360-1	0.
360	0.5	SLU_ENV	Min	-1.843	-355.8346	360-1	0.5
360	1.	SLU_ENV	Min	-1.5194	-400.8221	360-1	1.
360	0.	SLV_Ex		51.9199	-174.4579	360-1	0.
360	0.5	SLV_Ex		62.1816	-317.8654	360-1	0.5
360	1.	SLV_Ex		72.4433	-458.4848	360-1	1.
361	0.	SLU_ENV	Max	22.1273	-164.5162	361-1	0.
361	0.5	SLU_ENV	Max	22.7174	-182.9984	361-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
361	1.	SLU_ENV	Max	23.3075	-201.4805	361-1	1.
361	0.	SLU_ENV	Min	-1.5194	-400.8221	361-1	0.
361	0.5	SLU_ENV	Min	-1.1958	-445.8096	361-1	0.5
361	1.	SLU_ENV	Min	-0.8722	-490.7972	361-1	1.
361	0.	SLV_Ex		72.4433	-458.4848	361-1	0.
361	0.5	SLV_Ex		82.7049	-596.316	361-1	0.5
361	1.	SLV_Ex		92.9666	-731.359	361-1	1.
362	0.	SLU_ENV	Max	23.3075	-201.4805	362-1	0.
362	0.5	SLU_ENV	Max	23.8976	-219.9626	362-1	0.5
362	1.	SLU_ENV	Max	24.4877	-238.4447	362-1	1.
362	0.	SLU_ENV	Min	-0.8722	-490.7972	362-1	0.
362	0.5	SLU_ENV	Min	-0.5486	-535.7847	362-1	0.5
362	1.	SLU_ENV	Min	-0.225	-580.7723	362-1	1.
362	0.	SLV_Ex		92.9666	-731.359	362-1	0.
362	0.5	SLV_Ex		103.2283	-863.6138	362-1	0.5
362	1.	SLV_Ex		113.49	-993.0805	362-1	1.
363	0.	SLU_ENV	Max	24.4877	-238.4447	363-1	0.
363	0.5	SLU_ENV	Max	25.0779	-256.9231	363-1	0.5
363	1.	SLU_ENV	Max	25.668	-275.4018	363-1	1.
363	0.	SLU_ENV	Min	-0.225	-580.7723	363-1	0.
363	0.5	SLU_ENV	Min	0.0986	-625.7513	363-1	0.5
363	1.	SLU_ENV	Min	0.4222	-670.7307	363-1	1.
363	0.	SLV_Ex		113.49	-993.0805	363-1	0.
363	0.5	SLV_Ex		123.7517	-1119.7525	363-1	0.5
363	1.	SLV_Ex		134.0133	-1243.6366	363-1	1.
364	0.	SLU_ENV	Max	2.158E-14	-1.137E-13	364-1	0.
364	0.5	SLU_ENV	Max	0.1857	2.5672	364-1	0.5
364	1.	SLU_ENV	Max	0.3713	5.1343	364-1	1.
364	0.	SLU_ENV	Min	1.421E-14	-1.727E-13	364-1	0.
364	0.5	SLU_ENV	Min	-0.0397	1.0962	364-1	0.5
364	1.	SLU_ENV	Min	-0.0793	2.1925	364-1	1.
364	0.	SLV_Ex		1.599E-14	-1.279E-13	364-1	0.
364	0.5	SLV_Ex		-0.7226	17.5353	364-1	0.5
364	1.	SLV_Ex		-1.4451	35.0707	364-1	1.
365	0.	SLU_ENV	Max	0.3713	5.1343	365-1	0.
365	0.5	SLU_ENV	Max	0.7397	9.3273	365-1	0.5
365	1.	SLU_ENV	Max	1.108	13.5204	365-1	1.
365	0.	SLU_ENV	Min	-0.0793	2.1925	365-1	0.
365	0.5	SLU_ENV	Min	-0.1609	3.9835	365-1	0.5
365	1.	SLU_ENV	Min	-0.2424	5.7746	365-1	1.
365	0.	SLV_Ex		-1.4451	35.0707	365-1	0.
365	0.5	SLV_Ex		-2.6979	67.0362	365-1	0.5
365	1.	SLV_Ex		-3.9506	99.0018	365-1	1.
366	0.	SLU_ENV	Max	1.108	13.5204	366-1	0.
366	0.5	SLU_ENV	Max	1.6548	18.3814	366-1	0.5
366	1.	SLU_ENV	Max	2.2017	23.2424	366-1	1.
366	0.	SLU_ENV	Min	-0.2424	5.7746	366-1	0.
366	0.5	SLU_ENV	Min	-0.3678	7.852	366-1	0.5
366	1.	SLU_ENV	Min	-0.4932	9.9294	366-1	1.
366	0.	SLV_Ex		-3.9506	99.0018	366-1	0.
366	0.5	SLV_Ex		-5.5365	142.1788	366-1	0.5
366	1.	SLV_Ex		-7.1223	185.3558	366-1	1.
367	0.	SLU_ENV	Max	2.2017	23.2424	367-1	0.
367	0.5	SLU_ENV	Max	2.9191	27.7698	367-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
367	1.	SLU_ENV	Max	3.6366	32.2971	367-1	1.
367	0.	SLU_ENV	Min	-0.4932	9.9294	367-1	0.
367	0.5	SLU_ENV	Min	-0.6636	11.866	367-1	0.5
367	1.	SLU_ENV	Min	-0.834	13.8025	367-1	1.
367	0.	SLV_Ex		-7.1223	185.3558	367-1	0.
367	0.5	SLV_Ex		-8.8314	236.2048	367-1	0.5
367	1.	SLV_Ex		-10.5405	287.0539	367-1	1.
368	0.	SLU_ENV	Max	3.6366	32.2971	368-1	0.
368	0.5	SLU_ENV	Max	4.5098	35.4137	368-1	0.5
368	1.	SLU_ENV	Max	5.3831	38.5304	368-1	1.
368	0.	SLU_ENV	Min	-0.834	13.8025	368-1	0.
368	0.5	SLU_ENV	Min	-1.049	15.1389	368-1	0.5
368	1.	SLU_ENV	Min	-1.264	16.4753	368-1	1.
368	0.	SLV_Ex		-10.5405	287.0539	368-1	0.
368	0.5	SLV_Ex		-12.1398	341.4352	368-1	0.5
368	1.	SLV_Ex		-13.7392	395.8165	368-1	1.
369	0.	SLU_ENV	Max	5.3831	38.5304	369-1	0.
369	0.5	SLU_ENV	Max	6.3853	39.0547	369-1	0.5
369	1.	SLU_ENV	Max	7.3876	39.5791	369-1	1.
369	0.	SLU_ENV	Min	-1.264	16.4753	369-1	0.
369	0.5	SLU_ENV	Min	-1.5204	16.7073	369-1	0.5
369	1.	SLU_ENV	Min	-1.7768	16.9394	369-1	1.
369	0.	SLV_Ex		-13.7392	395.8165	369-1	0.
369	0.5	SLV_Ex		-14.9618	448.6606	369-1	0.5
369	1.	SLV_Ex		-16.1843	501.5046	369-1	1.
370	0.	SLU_ENV	Max	7.3876	39.5791	370-1	0.
370	0.5	SLU_ENV	Max	8.4747	36.2049	370-1	0.5
370	1.	SLU_ENV	Max	9.5619	32.8306	370-1	1.
370	0.	SLU_ENV	Min	-1.7768	16.9394	370-1	0.
370	0.5	SLU_ENV	Min	-2.0675	15.5098	370-1	0.5
370	1.	SLU_ENV	Min	-2.3582	14.0802	370-1	1.
370	0.	SLV_Ex		-16.1843	501.5046	370-1	0.
370	0.5	SLV_Ex		-16.7185	546.4597	370-1	0.5
370	1.	SLV_Ex		-17.2527	591.4148	370-1	1.
371	0.	SLU_ENV	Max	9.5619	32.8306	371-1	0.
371	0.5	SLU_ENV	Max	10.6659	24.1231	371-1	0.5
371	1.	SLU_ENV	Max	11.7699	15.4156	371-1	1.
371	0.	SLU_ENV	Min	-2.3582	14.0802	371-1	0.
371	0.5	SLU_ENV	Min	-2.6701	10.3766	371-1	0.5
371	1.	SLU_ENV	Min	-2.9821	6.673	371-1	1.
371	0.	SLV_Ex		-17.2527	591.4148	371-1	0.
371	0.5	SLV_Ex		-16.7345	620.5049	371-1	0.5
371	1.	SLV_Ex		-16.2163	649.595	371-1	1.
372	0.	SLU_ENV	Max	11.7699	15.4156	372-1	0.
372	0.5	SLU_ENV	Max	12.7916	0.0375	372-1	0.5
372	1.	SLU_ENV	Max	13.8134	-6.5981	372-1	1.
372	0.	SLU_ENV	Min	-2.9821	6.673	372-1	0.
372	0.5	SLU_ENV	Min	-3.2946	-0.1661	372-1	0.5
372	1.	SLU_ENV	Min	-3.6072	-15.7478	372-1	1.
372	0.	SLV_Ex		-16.2163	649.595	372-1	0.
372	0.5	SLV_Ex		-14.2259	652.9284	372-1	0.5
372	1.	SLV_Ex		-12.2354	656.2619	372-1	1.
373	0.	SLU_ENV	Max	13.8134	-6.5981	373-1	0.
373	0.5	SLU_ENV	Max	14.6158	-16.845	373-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
373	1.	SLU_ENV	Max	15.4182	-27.0919	373-1	1.
373	0.	SLU_ENV	Min	-3.6072	-15.7478	373-1	0.
373	0.5	SLU_ENV	Min	-3.8902	-39.7945	373-1	0.5
373	1.	SLU_ENV	Min	-4.1731	-63.8412	373-1	1.
373	0.	SLV_Ex		-12.2354	656.2619	373-1	0.
373	0.5	SLV_Ex		-8.3003	621.8429	373-1	0.5
373	1.	SLV_Ex		-4.3651	587.4239	373-1	1.
374	0.	SLU_ENV	Max	15.4182	-27.0919	374-1	0.
374	0.5	SLU_ENV	Max	15.8193	-41.6084	374-1	0.5
374	1.	SLU_ENV	Max	16.2203	-56.1249	374-1	1.
374	0.	SLU_ENV	Min	-4.1731	-63.8412	374-1	0.
374	0.5	SLU_ENV	Min	-4.3845	-97.8928	374-1	0.5
374	1.	SLU_ENV	Min	-4.5958	-131.9444	374-1	1.
374	0.	SLV_Ex		-4.3651	587.4239	374-1	0.
374	0.5	SLV_Ex		2.0267	501.1311	374-1	0.5
374	1.	SLV_Ex		8.4186	414.8384	374-1	1.
375	0.	SLU_ENV	Max	16.2203	-56.1249	375-1	0.
375	0.5	SLU_ENV	Max	15.9883	-75.4814	375-1	0.5
375	1.	SLU_ENV	Max	15.7563	-94.8378	375-1	1.
375	0.	SLU_ENV	Min	-4.5958	-131.9444	375-1	0.
375	0.5	SLU_ENV	Min	-4.6801	-177.3339	375-1	0.5
375	1.	SLU_ENV	Min	-4.7644	-222.7234	375-1	1.
375	0.	SLV_Ex		8.4186	414.8384	375-1	0.
375	0.5	SLV_Ex		17.7934	260.6476	375-1	0.5
375	1.	SLV_Ex		27.1681	106.4569	375-1	1.
376	0.	SLU_ENV	Max	15.7563	-94.8378	376-1	0.
376	0.5	SLU_ENV	Max	15.5242	-114.1943	376-1	0.5
376	1.	SLU_ENV	Max	15.2922	-133.5507	376-1	1.
376	0.	SLU_ENV	Min	-4.7644	-222.7234	376-1	0.
376	0.5	SLU_ENV	Min	-4.8487	-268.113	376-1	0.5
376	1.	SLU_ENV	Min	-4.933	-313.5025	376-1	1.
376	0.	SLV_Ex		27.1681	106.4569	376-1	0.
376	0.5	SLV_Ex		36.5429	-46.3398	376-1	0.5
376	1.	SLV_Ex		45.9177	-196.3482	376-1	1.
377	0.	SLU_ENV	Max	15.2922	-133.5507	377-1	0.
377	0.5	SLU_ENV	Max	15.0601	-152.9072	377-1	0.5
377	1.	SLU_ENV	Max	14.8281	-172.2637	377-1	1.
377	0.	SLU_ENV	Min	-4.933	-313.5025	377-1	0.
377	0.5	SLU_ENV	Min	-5.0173	-358.892	377-1	0.5
377	1.	SLU_ENV	Min	-5.1016	-404.2815	377-1	1.
377	0.	SLV_Ex		45.9177	-196.3482	377-1	0.
377	0.5	SLV_Ex		55.2925	-343.5686	377-1	0.5
377	1.	SLV_Ex		64.6673	-488.0007	377-1	1.
378	0.	SLU_ENV	Max	14.8281	-172.2637	378-1	0.
378	0.5	SLU_ENV	Max	14.596	-191.6201	378-1	0.5
378	1.	SLU_ENV	Max	14.364	-210.9766	378-1	1.
378	0.	SLU_ENV	Min	-5.1016	-404.2815	378-1	0.
378	0.5	SLU_ENV	Min	-5.1859	-449.6711	378-1	0.5
378	1.	SLU_ENV	Min	-5.2702	-495.0606	378-1	1.
378	0.	SLV_Ex		64.6673	-488.0007	378-1	0.
378	0.5	SLV_Ex		74.042	-629.6447	378-1	0.5
378	1.	SLV_Ex		83.4168	-768.5005	378-1	1.
379	0.	SLU_ENV	Max	14.364	-210.9766	379-1	0.
379	0.5	SLU_ENV	Max	14.132	-230.333	379-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
379	1.	SLU_ENV	Max	13.8999	-249.6895	379-1	1.
379	0.	SLU_ENV	Min	-5.2702	-495.0606	379-1	0.
379	0.5	SLU_ENV	Min	-5.3545	-540.4501	379-1	0.5
379	1.	SLU_ENV	Min	-5.4388	-585.8396	379-1	1.
379	0.	SLV_Ex		83.4168	-768.5005	379-1	0.
379	0.5	SLV_Ex		92.7916	-904.5682	379-1	0.5
379	1.	SLV_Ex		102.1664	-1037.8477	379-1	1.
380	0.	SLU_ENV	Max	13.8999	-249.6895	380-1	0.
380	0.5	SLU_ENV	Max	13.6679	-269.042	380-1	0.5
380	1.	SLU_ENV	Max	13.4358	-288.3947	380-1	1.
380	0.	SLU_ENV	Min	-5.4388	-585.8396	380-1	0.
380	0.5	SLU_ENV	Min	-5.5231	-631.2206	380-1	0.5
380	1.	SLU_ENV	Min	-5.6073	-676.6019	380-1	1.
380	0.	SLV_Ex		102.1664	-1037.8477	380-1	0.
380	0.5	SLV_Ex		111.5411	-1168.332	380-1	0.5
380	1.	SLV_Ex		120.9159	-1296.0284	380-1	1.
381	0.	SLU_ENV	Max	1.679E-14	-1.847E-14	381-1	0.
381	0.5	SLU_ENV	Max	0.2342	2.5354	381-1	0.5
381	1.	SLU_ENV	Max	0.4684	5.0708	381-1	1.
381	0.	SLU_ENV	Min	1.421E-14	-9.592E-14	381-1	0.
381	0.5	SLU_ENV	Min	-0.0079	1.1262	381-1	0.5
381	1.	SLU_ENV	Min	-0.0159	2.2523	381-1	1.
381	0.	SLV_Ex		-4.441E-14	-7.105E-14	381-1	0.
381	0.5	SLV_Ex		-0.6481	17.6931	381-1	0.5
381	1.	SLV_Ex		-1.2962	35.3862	381-1	1.
382	0.	SLU_ENV	Max	0.4684	5.0708	382-1	0.
382	0.5	SLU_ENV	Max	0.916	9.2124	382-1	0.5
382	1.	SLU_ENV	Max	1.3637	13.3541	382-1	1.
382	0.	SLU_ENV	Min	-0.0159	2.2523	382-1	0.
382	0.5	SLU_ENV	Min	-0.0455	4.0925	382-1	0.5
382	1.	SLU_ENV	Min	-0.0751	5.9326	382-1	1.
382	0.	SLV_Ex		-1.2962	35.3862	382-1	0.
382	0.5	SLV_Ex		-2.4269	67.6264	382-1	0.5
382	1.	SLV_Ex		-3.5576	99.8666	382-1	1.
383	0.	SLU_ENV	Max	1.3637	13.3541	383-1	0.
383	0.5	SLU_ENV	Max	2.0026	18.1562	383-1	0.5
383	1.	SLU_ENV	Max	2.6414	22.9584	383-1	1.
383	0.	SLU_ENV	Min	-0.0751	5.9326	383-1	0.
383	0.5	SLU_ENV	Min	-0.14	8.0671	383-1	0.5
383	1.	SLU_ENV	Min	-0.2049	10.2016	383-1	1.
383	0.	SLV_Ex		-3.5576	99.8666	383-1	0.
383	0.5	SLV_Ex		-5.0013	143.3933	383-1	0.5
383	1.	SLV_Ex		-6.4449	186.92	383-1	1.
384	0.	SLU_ENV	Max	2.6414	22.9584	384-1	0.
384	0.5	SLU_ENV	Max	3.4448	27.4323	384-1	0.5
384	1.	SLU_ENV	Max	4.2483	31.9061	384-1	1.
384	0.	SLU_ENV	Min	-0.2049	10.2016	384-1	0.
384	0.5	SLU_ENV	Min	-0.3185	12.1918	384-1	0.5
384	1.	SLU_ENV	Min	-0.4321	14.182	384-1	1.
384	0.	SLV_Ex		-6.4449	186.92	384-1	0.
384	0.5	SLV_Ex		-8.0203	238.1492	384-1	0.5
384	1.	SLV_Ex		-9.5956	289.3784	384-1	1.
385	0.	SLU_ENV	Max	4.2483	31.9061	385-1	0.
385	0.5	SLU_ENV	Max	5.181	34.9883	385-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
385	1.	SLU_ENV	Max	6.1137	38.0706	385-1	1.
385	0.	SLU_ENV	Min	-0.4321	14.182	385-1	0.
385	0.5	SLU_ENV	Min	-0.6071	15.5561	385-1	0.5
385	1.	SLU_ENV	Min	-0.7822	16.9301	385-1	1.
385	0.	SLV_Ex		-9.5956	289.3784	385-1	0.
385	0.5	SLV_Ex		-11.1006	344.1206	385-1	0.5
385	1.	SLV_Ex		-12.6056	398.8627	385-1	1.
386	0.	SLU_ENV	Max	6.1137	38.0706	386-1	0.
386	0.5	SLU_ENV	Max	7.1268	38.5947	386-1	0.5
386	1.	SLU_ENV	Max	8.1399	39.1187	386-1	1.
386	0.	SLU_ENV	Min	-0.7822	16.9301	386-1	0.
386	0.5	SLU_ENV	Min	-1.0301	17.1703	386-1	0.5
386	1.	SLU_ENV	Min	-1.2779	17.4106	386-1	1.
386	0.	SLV_Ex		-12.6056	398.8627	386-1	0.
386	0.5	SLV_Ex		-13.8071	451.9911	386-1	0.5
386	1.	SLV_Ex		-15.0086	505.1194	386-1	1.
387	0.	SLU_ENV	Max	8.1399	39.1187	387-1	0.
387	0.5	SLU_ENV	Max	9.1646	35.7947	387-1	0.5
387	1.	SLU_ENV	Max	10.1892	32.4706	387-1	1.
387	0.	SLU_ENV	Min	-1.2779	17.4106	387-1	0.
387	0.5	SLU_ENV	Min	-1.6074	15.9444	387-1	0.5
387	1.	SLU_ENV	Min	-1.9369	14.4782	387-1	1.
387	0.	SLV_Ex		-15.0086	505.1194	387-1	0.
387	0.5	SLV_Ex		-15.6325	550.2151	387-1	0.5
387	1.	SLV_Ex		-16.2565	595.3108	387-1	1.
388	0.	SLU_ENV	Max	10.1892	32.4706	388-1	0.
388	0.5	SLU_ENV	Max	11.1303	23.8818	388-1	0.5
388	1.	SLU_ENV	Max	12.0713	15.293	388-1	1.
388	0.	SLU_ENV	Min	-1.9369	14.4782	388-1	0.
388	0.5	SLU_ENV	Min	-2.3526	10.6766	388-1	0.5
388	1.	SLU_ENV	Min	-2.7684	6.8751	388-1	1.
388	0.	SLV_Ex		-16.2565	595.3108	388-1	0.
388	0.5	SLV_Ex		-15.9803	624.319	388-1	0.5
388	1.	SLV_Ex		-15.7042	653.3272	388-1	1.
389	0.	SLU_ENV	Max	12.0713	15.293	389-1	0.
389	0.5	SLU_ENV	Max	12.8007	0.0623	389-1	0.5
389	1.	SLU_ENV	Max	13.53	-6.7505	389-1	1.
389	0.	SLU_ENV	Min	-2.7684	6.8751	389-1	0.
389	0.5	SLU_ENV	Min	-3.2688	-0.0823	389-1	0.5
389	1.	SLU_ENV	Min	-3.7693	-15.4576	389-1	1.
389	0.	SLV_Ex		-15.7042	653.3272	389-1	0.
389	0.5	SLV_Ex		-14.1526	656.2649	389-1	0.5
389	1.	SLV_Ex		-12.6011	659.2025	389-1	1.
390	0.	SLU_ENV	Max	13.53	-6.7505	390-1	0.
390	0.5	SLU_ENV	Max	13.8803	-17.2726	390-1	0.5
390	1.	SLU_ENV	Max	14.2306	-27.7947	390-1	1.
390	0.	SLU_ENV	Min	-3.7693	-15.4576	390-1	0.
390	0.5	SLU_ENV	Min	-4.3438	-39.1908	390-1	0.5
390	1.	SLU_ENV	Min	-4.9184	-62.9239	390-1	1.
390	0.	SLV_Ex		-12.6011	659.2025	390-1	0.
390	0.5	SLV_Ex		-9.348	623.9703	390-1	0.5
390	1.	SLV_Ex		-6.0949	588.7381	390-1	1.
391	0.	SLU_ENV	Max	14.2306	-27.7947	391-1	0.
391	0.5	SLU_ENV	Max	13.9909	-42.7024	391-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
391	1.	SLU_ENV	Max	13.7511	-57.6101	391-1	1.
391	0.	SLU_ENV	Min	-4.9184	-62.9239	391-1	0.
391	0.5	SLU_ENV	Min	-5.5443	-96.5363	391-1	0.5
391	1.	SLU_ENV	Min	-6.1702	-130.1486	391-1	1.
391	0.	SLV_Ex		-6.0949	588.7381	391-1	0.
391	0.5	SLV_Ex		-0.6734	501.1015	391-1	0.5
391	1.	SLV_Ex		4.7481	413.465	391-1	1.
392	0.	SLU_ENV	Max	13.7511	-57.6101	392-1	0.
392	0.5	SLU_ENV	Max	12.6642	-77.4896	392-1	0.5
392	1.	SLU_ENV	Max	11.5772	-97.3692	392-1	1.
392	0.	SLU_ENV	Min	-6.1702	-130.1486	392-1	0.
392	0.5	SLU_ENV	Min	-6.8088	-174.9575	392-1	0.5
392	1.	SLU_ENV	Min	-7.4473	-219.7663	392-1	1.
392	0.	SLV_Ex		4.7481	413.465	392-1	0.
392	0.5	SLV_Ex		12.8248	257.2827	392-1	0.5
392	1.	SLV_Ex		20.9015	101.1003	392-1	1.
393	0.	SLU_ENV	Max	11.5772	-97.3692	393-1	0.
393	0.5	SLU_ENV	Max	10.4902	-117.2487	393-1	0.5
393	1.	SLU_ENV	Max	9.4032	-137.1282	393-1	1.
393	0.	SLU_ENV	Min	-7.4473	-219.7663	393-1	0.
393	0.5	SLU_ENV	Min	-8.0858	-264.5752	393-1	0.5
393	1.	SLU_ENV	Min	-8.7244	-309.3841	393-1	1.
393	0.	SLV_Ex		20.9015	101.1003	393-1	0.
393	0.5	SLV_Ex		28.9782	-53.6879	393-1	0.5
393	1.	SLV_Ex		37.0549	-205.688	393-1	1.
394	0.	SLU_ENV	Max	9.4032	-137.1282	394-1	0.
394	0.5	SLU_ENV	Max	8.3162	-157.0077	394-1	0.5
394	1.	SLU_ENV	Max	7.2292	-176.8873	394-1	1.
394	0.	SLU_ENV	Min	-8.7244	-309.3841	394-1	0.
394	0.5	SLU_ENV	Min	-9.3629	-354.193	394-1	0.5
394	1.	SLU_ENV	Min	-10.0015	-399.0019	394-1	1.
394	0.	SLV_Ex		37.0549	-205.688	394-1	0.
394	0.5	SLV_Ex		45.1316	-354.8999	394-1	0.5
394	1.	SLV_Ex		53.2083	-501.3236	394-1	1.
395	0.	SLU_ENV	Max	7.2292	-176.8873	395-1	0.
395	0.5	SLU_ENV	Max	6.1423	-196.7668	395-1	0.5
395	1.	SLU_ENV	Max	5.0553	-216.6463	395-1	1.
395	0.	SLU_ENV	Min	-10.0015	-399.0019	395-1	0.
395	0.5	SLU_ENV	Min	-10.64	-443.8108	395-1	0.5
395	1.	SLU_ENV	Min	-11.2786	-488.6197	395-1	1.
395	0.	SLV_Ex		53.2083	-501.3236	395-1	0.
395	0.5	SLV_Ex		61.285	-644.9592	395-1	0.5
395	1.	SLV_Ex		69.3617	-785.8067	395-1	1.
396	0.	SLU_ENV	Max	5.0553	-216.6463	396-1	0.
396	0.5	SLU_ENV	Max	3.9683	-236.5258	396-1	0.5
396	1.	SLU_ENV	Max	2.8813	-256.4054	396-1	1.
396	0.	SLU_ENV	Min	-11.2786	-488.6197	396-1	0.
396	0.5	SLU_ENV	Min	-11.9171	-533.4286	396-1	0.5
396	1.	SLU_ENV	Min	-12.5556	-578.2374	396-1	1.
396	0.	SLV_Ex		69.3617	-785.8067	396-1	0.
396	0.5	SLV_Ex		77.4383	-923.8659	396-1	0.5
396	1.	SLV_Ex		85.515	-1059.137	396-1	1.
397	0.	SLU_ENV	Max	2.8813	-256.4054	397-1	0.
397	0.5	SLU_ENV	Max	1.7943	-276.2807	397-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
397	1.	SLU_ENV	Max	0.7073	-296.1563	397-1	1.
397	0.	SLU_ENV	Min	-12.5556	-578.2374	397-1	0.
397	0.5	SLU_ENV	Min	-13.1942	-623.0378	397-1	0.5
397	1.	SLU_ENV	Min	-13.8327	-667.8384	397-1	1.
397	0.	SLV_Ex		85.515	-1059.137	397-1	0.
397	0.5	SLV_Ex		93.5917	-1191.6125	397-1	0.5
397	1.	SLV_Ex		101.6684	-1321.3	397-1	1.
398	0.	SLU_ENV	Max	1.918E-14	-5.684E-14	398-1	0.
398	0.5	SLU_ENV	Max	0.2728	2.5058	398-1	0.5
398	1.	SLU_ENV	Max	0.5456	5.0116	398-1	1.
398	0.	SLU_ENV	Min	1.421E-14	-7.674E-14	398-1	0.
398	0.5	SLU_ENV	Min	0.0185	1.1577	398-1	0.5
398	1.	SLU_ENV	Min	0.0371	2.3154	398-1	1.
398	0.	SLV_Ex		1.421E-14	-1.876E-12	398-1	0.
398	0.5	SLV_Ex		-0.5813	17.8485	398-1	0.5
398	1.	SLV_Ex		-1.1625	35.697	398-1	1.
399	0.	SLU_ENV	Max	0.5456	5.0116	399-1	0.
399	0.5	SLU_ENV	Max	1.0564	9.1052	399-1	0.5
399	1.	SLU_ENV	Max	1.5672	13.1987	399-1	1.
399	0.	SLU_ENV	Min	0.0371	2.3154	399-1	0.
399	0.5	SLU_ENV	Min	0.0508	4.2071	399-1	0.5
399	1.	SLU_ENV	Min	0.0646	6.0988	399-1	1.
399	0.	SLV_Ex		-1.1625	35.697	399-1	0.
399	0.5	SLV_Ex		-2.1837	68.208	399-1	0.5
399	1.	SLV_Ex		-3.2048	100.719	399-1	1.
400	0.	SLU_ENV	Max	1.5672	13.1987	400-1	0.
400	0.5	SLU_ENV	Max	2.2793	17.9459	400-1	0.5
400	1.	SLU_ENV	Max	2.9915	22.6931	400-1	1.
400	0.	SLU_ENV	Min	0.0646	6.0988	400-1	0.
400	0.5	SLU_ENV	Min	0.0502	8.2933	400-1	0.5
400	1.	SLU_ENV	Min	0.0358	10.4879	400-1	1.
400	0.	SLV_Ex		-3.2048	100.719	400-1	0.
400	0.5	SLV_Ex		-4.5208	144.5908	400-1	0.5
400	1.	SLV_Ex		-5.8368	188.4625	400-1	1.
401	0.	SLU_ENV	Max	2.9915	22.6931	401-1	0.
401	0.5	SLU_ENV	Max	3.8633	27.1169	401-1	0.5
401	1.	SLU_ENV	Max	4.7352	31.5406	401-1	1.
401	0.	SLU_ENV	Min	0.0358	10.4879	401-1	0.
401	0.5	SLU_ENV	Min	-0.0305	12.5343	401-1	0.5
401	1.	SLU_ENV	Min	-0.0967	14.5808	401-1	1.
401	0.	SLV_Ex		-5.8368	188.4625	401-1	0.
401	0.5	SLV_Ex		-7.292	240.0671	401-1	0.5
401	1.	SLV_Ex		-8.7473	291.6717	401-1	1.
402	0.	SLU_ENV	Max	4.7352	31.5406	402-1	0.
402	0.5	SLU_ENV	Max	5.7153	34.5905	402-1	0.5
402	1.	SLU_ENV	Max	6.6954	37.6405	402-1	1.
402	0.	SLU_ENV	Min	-0.0967	14.5808	402-1	0.
402	0.5	SLU_ENV	Min	-0.2385	15.9943	402-1	0.5
402	1.	SLU_ENV	Min	-0.3803	17.4078	402-1	1.
402	0.	SLV_Ex		-8.7473	291.6717	402-1	0.
402	0.5	SLV_Ex		-10.1675	346.7708	402-1	0.5
402	1.	SLV_Ex		-11.5877	401.8699	402-1	1.
403	0.	SLU_ENV	Max	6.6954	37.6405	403-1	0.
403	0.5	SLU_ENV	Max	7.7172	38.1639	403-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
403	1.	SLU_ENV	Max	8.7389	38.6873	403-1	1.
403	0.	SLU_ENV	Min	-0.3803	17.4078	403-1	0.
403	0.5	SLU_ENV	Min	-0.6212	17.6562	403-1	0.5
403	1.	SLU_ENV	Min	-0.862	17.9046	403-1	1.
403	0.	SLV_Ex		-11.5877	401.8699	403-1	0.
403	0.5	SLV_Ex		-12.77	455.2803	403-1	0.5
403	1.	SLV_Ex		-13.9524	508.6907	403-1	1.
404	0.	SLU_ENV	Max	8.7389	38.6873	404-1	0.
404	0.5	SLU_ENV	Max	9.7138	35.4096	404-1	0.5
404	1.	SLU_ENV	Max	10.6888	32.132	404-1	1.
404	0.	SLU_ENV	Min	-0.862	17.9046	404-1	0.
404	0.5	SLU_ENV	Min	-1.224	16.3994	404-1	0.5
404	1.	SLU_ENV	Min	-1.586	14.8942	404-1	1.
404	0.	SLV_Ex		-13.9524	508.6907	404-1	0.
404	0.5	SLV_Ex		-14.6567	553.9277	404-1	0.5
404	1.	SLV_Ex		-15.361	599.1648	404-1	1.
405	0.	SLU_ENV	Max	10.6888	32.132	405-1	0.
405	0.5	SLU_ENV	Max	11.5002	23.6534	405-1	0.5
405	1.	SLU_ENV	Max	12.3116	15.1748	405-1	1.
405	0.	SLU_ENV	Min	-1.586	14.8942	405-1	0.
405	0.5	SLU_ENV	Min	-2.0887	10.9889	405-1	0.5
405	1.	SLU_ENV	Min	-2.5913	7.0835	405-1	1.
405	0.	SLV_Ex		-15.361	599.1648	405-1	0.
405	0.5	SLV_Ex		-15.3018	628.0959	405-1	0.5
405	1.	SLV_Ex		-15.2426	657.027	405-1	1.
406	0.	SLU_ENV	Max	12.3116	15.1748	406-1	0.
406	0.5	SLU_ENV	Max	12.8082	0.0834	406-1	0.5
406	1.	SLU_ENV	Max	13.3048	-6.9168	406-1	1.
406	0.	SLU_ENV	Min	-2.5913	7.0835	406-1	0.
406	0.5	SLU_ENV	Min	-3.2489	-0.0086	406-1	0.5
406	1.	SLU_ENV	Min	-3.9064	-15.1921	406-1	1.
406	0.	SLV_Ex		-15.2426	657.027	406-1	0.
406	0.5	SLV_Ex		-14.0846	659.5791	406-1	0.5
406	1.	SLV_Ex		-12.9266	662.1311	406-1	1.
407	0.	SLU_ENV	Max	13.3048	-6.9168	407-1	0.
407	0.5	SLU_ENV	Max	13.2954	-17.7295	407-1	0.5
407	1.	SLU_ENV	Max	13.2859	-28.5422	407-1	1.
407	0.	SLU_ENV	Min	-3.9064	-15.1921	407-1	0.
407	0.5	SLU_ENV	Min	-4.7247	-38.6335	407-1	0.5
407	1.	SLU_ENV	Min	-5.543	-62.0749	407-1	1.
407	0.	SLV_Ex		-12.9266	662.1311	407-1	0.
407	0.5	SLV_Ex		-10.2853	626.1028	407-1	0.5
407	1.	SLV_Ex		-7.644	590.0744	407-1	1.
408	0.	SLU_ENV	Max	13.2859	-28.5422	408-1	0.
408	0.5	SLU_ENV	Max	12.5361	-43.8628	408-1	0.5
408	1.	SLU_ENV	Max	11.7864	-59.1833	408-1	1.
408	0.	SLU_ENV	Min	-5.543	-62.0749	408-1	0.
408	0.5	SLU_ENV	Min	-6.5153	-95.2781	408-1	0.5
408	1.	SLU_ENV	Min	-7.4877	-128.4814	408-1	1.
408	0.	SLV_Ex		-7.644	590.0744	408-1	0.
408	0.5	SLV_Ex		-3.093	501.1196	408-1	0.5
408	1.	SLV_Ex		1.4581	412.1647	408-1	1.
409	0.	SLU_ENV	Max	11.7864	-59.1833	409-1	0.
409	0.5	SLU_ENV	Max	10.0189	-79.6146	409-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
409	1.	SLU_ENV	Max	8.2515	-100.0458	409-1	1.
409	0.	SLU_ENV	Min	-7.4877	-128.4814	409-1	0.
409	0.5	SLU_ENV	Min	-8.5892	-172.7493	409-1	0.5
409	1.	SLU_ENV	Min	-9.6908	-217.0173	409-1	1.
409	0.	SLV_Ex		1.4581	412.1647	409-1	0.
409	0.5	SLV_Ex		8.3701	254.0262	409-1	0.5
409	1.	SLV_Ex		15.2821	95.8876	409-1	1.
410	0.	SLU_ENV	Max	8.2515	-100.0458	410-1	0.
410	0.5	SLU_ENV	Max	6.484	-120.477	410-1	0.5
410	1.	SLU_ENV	Max	4.7166	-140.9082	410-1	1.
410	0.	SLU_ENV	Min	-9.6908	-217.0173	410-1	0.
410	0.5	SLU_ENV	Min	-10.7924	-261.2852	410-1	0.5
410	1.	SLU_ENV	Min	-11.894	-305.5531	410-1	1.
410	0.	SLV_Ex		15.2821	95.8876	410-1	0.
410	0.5	SLV_Ex		22.1942	-60.8569	410-1	0.5
410	1.	SLV_Ex		29.1062	-214.8132	410-1	1.
411	0.	SLU_ENV	Max	4.7166	-140.9082	411-1	0.
411	0.5	SLU_ENV	Max	2.9492	-161.3394	411-1	0.5
411	1.	SLU_ENV	Max	1.1817	-181.7706	411-1	1.
411	0.	SLU_ENV	Min	-11.894	-305.5531	411-1	0.
411	0.5	SLU_ENV	Min	-12.9956	-349.8211	411-1	0.5
411	1.	SLU_ENV	Min	-14.0972	-394.089	411-1	1.
411	0.	SLV_Ex		29.1062	-214.8132	411-1	0.
411	0.5	SLV_Ex		36.0183	-365.9814	411-1	0.5
411	1.	SLV_Ex		42.9303	-514.3614	411-1	1.
412	0.	SLU_ENV	Max	1.1817	-181.7706	412-1	0.
412	0.5	SLU_ENV	Max	-0.4598	-202.2018	412-1	0.5
412	1.	SLU_ENV	Max	-1.6326	-222.6331	412-1	1.
412	0.	SLU_ENV	Min	-14.0972	-394.089	412-1	0.
412	0.5	SLU_ENV	Min	-15.3247	-438.3569	412-1	0.5
412	1.	SLU_ENV	Min	-17.0209	-482.6249	412-1	1.
412	0.	SLV_Ex		42.9303	-514.3614	412-1	0.
412	0.5	SLV_Ex		49.8423	-659.9533	412-1	0.5
412	1.	SLV_Ex		56.7544	-802.757	412-1	1.
413	0.	SLU_ENV	Max	-1.6326	-222.6331	413-1	0.
413	0.5	SLU_ENV	Max	-2.8054	-243.0643	413-1	0.5
413	1.	SLU_ENV	Max	-3.9782	-263.4955	413-1	1.
413	0.	SLU_ENV	Min	-17.0209	-482.6249	413-1	0.
413	0.5	SLU_ENV	Min	-18.7171	-526.8928	413-1	0.5
413	1.	SLU_ENV	Min	-20.4134	-571.1607	413-1	1.
413	0.	SLV_Ex		56.7544	-802.757	413-1	0.
413	0.5	SLV_Ex		63.6664	-942.7725	413-1	0.5
413	1.	SLV_Ex		70.5785	-1079.9998	413-1	1.
414	0.	SLU_ENV	Max	-3.9782	-263.4955	414-1	0.
414	0.5	SLU_ENV	Max	-5.151	-283.9224	414-1	0.5
414	1.	SLU_ENV	Max	-6.3238	-304.3495	414-1	1.
414	0.	SLU_ENV	Min	-20.4134	-571.1607	414-1	0.
414	0.5	SLU_ENV	Min	-22.1096	-615.4202	414-1	0.5
414	1.	SLU_ENV	Min	-23.8058	-659.68	414-1	1.
414	0.	SLV_Ex		70.5785	-1079.9998	414-1	0.
414	0.5	SLV_Ex		77.4905	-1214.4312	414-1	0.5
414	1.	SLV_Ex		84.4025	-1346.0748	414-1	1.
415	0.	SLU_ENV	Max	-1.421E-14	0.	415-1	0.
415	0.5	SLU_ENV	Max	0.3035	2.4587	415-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
415	1.	SLU_ENV	Max	0.607	4.9174	415-1	1.
415	0.	SLU_ENV	Min	-4.077E-14	0.	415-1	0.
415	0.5	SLU_ENV	Min	0.0426	1.181	415-1	0.5
415	1.	SLU_ENV	Min	0.0851	2.362	415-1	1.
415	0.	SLV_Ex		-1.599E-14	0.	415-1	0.
415	0.5	SLV_Ex		-0.5132	17.9633	415-1	0.5
415	1.	SLV_Ex		-1.0264	35.9266	415-1	1.
416	0.	SLU_ENV	Max	0.607	4.9174	416-1	0.
416	0.5	SLU_ENV	Max	1.168	8.9344	416-1	0.5
416	1.	SLU_ENV	Max	1.7289	12.9514	416-1	1.
416	0.	SLU_ENV	Min	0.0851	2.362	416-1	0.
416	0.5	SLU_ENV	Min	0.1383	4.2919	416-1	0.5
416	1.	SLU_ENV	Min	0.1914	6.2218	416-1	1.
416	0.	SLV_Ex		-1.0264	35.9266	416-1	0.
416	0.5	SLV_Ex		-1.936	68.6418	416-1	0.5
416	1.	SLV_Ex		-2.8457	101.3571	416-1	1.
417	0.	SLU_ENV	Max	1.7289	12.9514	417-1	0.
417	0.5	SLU_ENV	Max	2.4994	17.6104	417-1	0.5
417	1.	SLU_ENV	Max	3.2698	22.2694	417-1	1.
417	0.	SLU_ENV	Min	0.1914	6.2218	417-1	0.
417	0.5	SLU_ENV	Min	0.2227	8.4608	417-1	0.5
417	1.	SLU_ENV	Min	0.2541	10.6998	417-1	1.
417	0.	SLV_Ex		-2.8457	101.3571	417-1	0.
417	0.5	SLV_Ex		-4.0317	145.4966	417-1	0.5
417	1.	SLV_Ex		-5.2178	189.6361	417-1	1.
418	0.	SLU_ENV	Max	3.2698	22.2694	418-1	0.
418	0.5	SLU_ENV	Max	4.196	26.6122	418-1	0.5
418	1.	SLU_ENV	Max	5.1222	30.9549	418-1	1.
418	0.	SLU_ENV	Min	0.2541	10.6998	418-1	0.
418	0.5	SLU_ENV	Min	0.2307	12.7881	418-1	0.5
418	1.	SLU_ENV	Min	0.2074	14.8763	418-1	1.
418	0.	SLV_Ex		-5.2178	189.6361	418-1	0.
418	0.5	SLV_Ex		-6.551	241.544	418-1	0.5
418	1.	SLV_Ex		-7.8842	293.4518	418-1	1.
419	0.	SLU_ENV	Max	5.1222	30.9549	419-1	0.
419	0.5	SLU_ENV	Max	6.1401	33.9511	419-1	0.5
419	1.	SLU_ENV	Max	7.1579	36.9472	419-1	1.
419	0.	SLU_ENV	Min	0.2074	14.8763	419-1	0.
419	0.5	SLU_ENV	Min	0.0956	16.3192	419-1	0.5
419	1.	SLU_ENV	Min	-0.0163	17.7621	419-1	1.
419	0.	SLV_Ex		-7.8842	293.4518	419-1	0.
419	0.5	SLV_Ex		-9.2183	348.8576	419-1	0.5
419	1.	SLV_Ex		-10.5524	404.2634	419-1	1.
420	0.	SLU_ENV	Max	7.1579	36.9472	420-1	0.
420	0.5	SLU_ENV	Max	8.1865	37.4661	420-1	0.5
420	1.	SLU_ENV	Max	9.2152	37.9849	420-1	1.
420	0.	SLU_ENV	Min	-0.0163	17.7621	420-1	0.
420	0.5	SLU_ENV	Min	-0.2509	18.0169	420-1	0.5
420	1.	SLU_ENV	Min	-0.4856	18.2717	420-1	1.
420	0.	SLV_Ex		-10.5524	404.2634	420-1	0.
420	0.5	SLV_Ex		-11.7158	457.9466	420-1	0.5
420	1.	SLV_Ex		-12.8792	511.6297	420-1	1.
421	0.	SLU_ENV	Max	9.2152	37.9849	421-1	0.
421	0.5	SLU_ENV	Max	10.1507	34.7762	421-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
421	1.	SLU_ENV	Max	11.0862	31.5675	421-1	1.
421	0.	SLU_ENV	Min	-0.4856	18.2717	421-1	0.
421	0.5	SLU_ENV	Min	-0.8776	16.7381	421-1	0.5
421	1.	SLU_ENV	Min	-1.2695	15.2046	421-1	1.
421	0.	SLV_Ex		-12.8792	511.6297	421-1	0.
421	0.5	SLV_Ex		-13.6659	557.06	421-1	0.5
421	1.	SLV_Ex		-14.4526	602.4902	421-1	1.
422	0.	SLU_ENV	Max	11.0862	31.5675	422-1	0.
422	0.5	SLU_ENV	Max	11.7946	23.2578	422-1	0.5
422	1.	SLU_ENV	Max	12.5031	14.9481	422-1	1.
422	0.	SLU_ENV	Min	-1.2695	15.2046	422-1	0.
422	0.5	SLU_ENV	Min	-1.8515	11.2231	422-1	0.5
422	1.	SLU_ENV	Min	-2.4334	7.2417	422-1	1.
422	0.	SLV_Ex		-14.4526	602.4902	422-1	0.
422	0.5	SLV_Ex		-14.615	631.4802	422-1	0.5
422	1.	SLV_Ex		-14.7775	660.4703	422-1	1.
423	0.	SLU_ENV	Max	12.5031	14.9481	423-1	0.
423	0.5	SLU_ENV	Max	12.8149	0.1037	423-1	0.5
423	1.	SLU_ENV	Max	13.1266	-7.0343	423-1	1.
423	0.	SLU_ENV	Min	-2.4334	7.2417	423-1	0.
423	0.5	SLU_ENV	Min	-3.2342	0.0619	423-1	0.5
423	1.	SLU_ENV	Min	-4.0349	-14.8244	423-1	1.
423	0.	SLV_Ex		-14.7775	660.4703	423-1	0.
423	0.5	SLV_Ex		-14.0212	662.8811	423-1	0.5
423	1.	SLV_Ex		-13.265	665.292	423-1	1.
424	0.	SLU_ENV	Max	13.1266	-7.0343	424-1	0.
424	0.5	SLU_ENV	Max	12.8313	-18.061	424-1	0.5
424	1.	SLU_ENV	Max	12.5361	-29.0877	424-1	1.
424	0.	SLU_ENV	Min	-4.0349	-14.8244	424-1	0.
424	0.5	SLU_ENV	Min	-5.0751	-37.8112	424-1	0.5
424	1.	SLU_ENV	Min	-6.1154	-60.7981	424-1	1.
424	0.	SLV_Ex		-13.265	665.292	424-1	0.
424	0.5	SLV_Ex		-11.2478	628.8456	424-1	0.5
424	1.	SLV_Ex		-9.2306	592.3991	424-1	1.
425	0.	SLU_ENV	Max	12.5361	-29.0877	425-1	0.
425	0.5	SLU_ENV	Max	11.3811	-44.7126	425-1	0.5
425	1.	SLU_ENV	Max	10.2261	-60.3374	425-1	1.
425	0.	SLU_ENV	Min	-6.1154	-60.7981	425-1	0.
425	0.5	SLU_ENV	Min	-7.4029	-93.3615	425-1	0.5
425	1.	SLU_ENV	Min	-8.6904	-125.9249	425-1	1.
425	0.	SLV_Ex		-9.2306	592.3991	425-1	0.
425	0.5	SLV_Ex		-5.5671	502.6623	425-1	0.5
425	1.	SLV_Ex		-1.9037	412.9254	425-1	1.
426	0.	SLU_ENV	Max	10.2261	-60.3374	426-1	0.
426	0.5	SLU_ENV	Max	7.918	-81.1755	426-1	0.5
426	1.	SLU_ENV	Max	5.6099	-102.0137	426-1	1.
426	0.	SLU_ENV	Min	-8.6904	-125.9249	426-1	0.
426	0.5	SLU_ENV	Min	-10.2132	-169.344	426-1	0.5
426	1.	SLU_ENV	Min	-11.7359	-212.7631	426-1	1.
426	0.	SLV_Ex		-1.9037	412.9254	426-1	0.
426	0.5	SLV_Ex		3.8211	253.5463	426-1	0.5
426	1.	SLV_Ex		9.5459	94.1671	426-1	1.
427	0.	SLU_ENV	Max	5.6099	-102.0137	427-1	0.
427	0.5	SLU_ENV	Max	3.3018	-122.8518	427-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
427	1.	SLU_ENV	Max	0.9937	-143.69	427-1	1.
427	0.	SLU_ENV	Min	-11.7359	-212.7631	427-1	0.
427	0.5	SLU_ENV	Min	-13.2586	-256.1822	427-1	0.5
427	1.	SLU_ENV	Min	-14.7813	-299.6014	427-1	1.
427	0.	SLV_Ex		9.5459	94.1671	427-1	0.
427	0.5	SLV_Ex		15.2707	-63.818	427-1	0.5
427	1.	SLV_Ex		20.9956	-219.0149	427-1	1.
428	0.	SLU_ENV	Max	0.9937	-143.69	428-1	0.
428	0.5	SLU_ENV	Max	-0.9342	-164.5281	428-1	0.5
428	1.	SLU_ENV	Max	-2.4646	-185.3663	428-1	1.
428	0.	SLU_ENV	Min	-14.7813	-299.6014	428-1	0.
428	0.5	SLU_ENV	Min	-16.6842	-343.0205	428-1	0.5
428	1.	SLU_ENV	Min	-18.9847	-386.4396	428-1	1.
428	0.	SLV_Ex		20.9956	-219.0149	428-1	0.
428	0.5	SLV_Ex		26.7204	-371.4236	428-1	0.5
428	1.	SLV_Ex		32.4452	-521.0442	428-1	1.
429	0.	SLU_ENV	Max	-2.4646	-185.3663	429-1	0.
429	0.5	SLU_ENV	Max	-3.995	-206.2044	429-1	0.5
429	1.	SLU_ENV	Max	-5.5253	-227.0426	429-1	1.
429	0.	SLU_ENV	Min	-18.9847	-386.4396	429-1	0.
429	0.5	SLU_ENV	Min	-21.2852	-429.8587	429-1	0.5
429	1.	SLU_ENV	Min	-23.5856	-473.2778	429-1	1.
429	0.	SLV_Ex		32.4452	-521.0442	429-1	0.
429	0.5	SLV_Ex		38.17	-667.8766	429-1	0.5
429	1.	SLV_Ex		43.8948	-811.9209	429-1	1.
430	0.	SLU_ENV	Max	-5.5253	-227.0426	430-1	0.
430	0.5	SLU_ENV	Max	-7.0557	-247.8807	430-1	0.5
430	1.	SLU_ENV	Max	-8.5861	-268.7188	430-1	1.
430	0.	SLU_ENV	Min	-23.5856	-473.2778	430-1	0.
430	0.5	SLU_ENV	Min	-25.8861	-516.6969	430-1	0.5
430	1.	SLU_ENV	Min	-28.1866	-560.116	430-1	1.
430	0.	SLV_Ex		43.8948	-811.9209	430-1	0.
430	0.5	SLV_Ex		49.6197	-953.177	430-1	0.5
430	1.	SLV_Ex		55.3445	-1091.6449	430-1	1.
431	0.	SLU_ENV	Max	-8.5861	-268.7188	431-1	0.
431	0.5	SLU_ENV	Max	-10.1164	-289.5526	431-1	0.5
431	1.	SLU_ENV	Max	-11.6468	-310.3865	431-1	1.
431	0.	SLU_ENV	Min	-28.1866	-560.116	431-1	0.
431	0.5	SLU_ENV	Min	-30.487	-603.5268	431-1	0.5
431	1.	SLU_ENV	Min	-32.7875	-646.9379	431-1	1.
431	0.	SLV_Ex		55.3445	-1091.6449	431-1	0.
431	0.5	SLV_Ex		61.0693	-1227.3167	431-1	0.5
431	1.	SLV_Ex		66.7941	-1360.2006	431-1	1.
432	0.	SLU_ENV	Max	-1.421E-14	0.	432-1	0.
432	0.5	SLU_ENV	Max	0.3252	2.4171	432-1	0.5
432	1.	SLU_ENV	Max	0.6505	4.8343	432-1	1.
432	0.	SLU_ENV	Min	-2.158E-14	0.	432-1	0.
432	0.5	SLU_ENV	Min	0.0624	1.2049	432-1	0.5
432	1.	SLU_ENV	Min	0.1248	2.4098	432-1	1.
432	0.	SLV_Ex		-1.599E-14	0.	432-1	0.
432	0.5	SLV_Ex		-0.444	18.073	432-1	0.5
432	1.	SLV_Ex		-0.8879	36.1461	432-1	1.
433	0.	SLU_ENV	Max	0.6505	4.8343	433-1	0.
433	0.5	SLU_ENV	Max	1.247	8.7838	433-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
433	1.	SLU_ENV	Max	1.8435	12.7332	433-1	1.
433	0.	SLU_ENV	Min	0.1248	2.4098	433-1	0.
433	0.5	SLU_ENV	Min	0.2104	4.3788	433-1	0.5
433	1.	SLU_ENV	Min	0.296	6.3479	433-1	1.
433	0.	SLV_Ex		-0.8879	36.1461	433-1	0.
433	0.5	SLV_Ex		-1.6842	69.0573	433-1	0.5
433	1.	SLV_Ex		-2.4805	101.9686	433-1	1.
434	0.	SLU_ENV	Max	1.8435	12.7332	434-1	0.
434	0.5	SLU_ENV	Max	2.6552	17.3145	434-1	0.5
434	1.	SLU_ENV	Max	3.4669	21.8959	434-1	1.
434	0.	SLU_ENV	Min	0.296	6.3479	434-1	0.
434	0.5	SLU_ENV	Min	0.3651	8.6325	434-1	0.5
434	1.	SLU_ENV	Min	0.4342	10.917	434-1	1.
434	0.	SLV_Ex		-2.4805	101.9686	434-1	0.
434	0.5	SLV_Ex		-3.5344	146.3661	434-1	0.5
434	1.	SLV_Ex		-4.5884	190.7637	434-1	1.
435	0.	SLU_ENV	Max	3.4669	21.8959	435-1	0.
435	0.5	SLU_ENV	Max	4.4317	26.1673	435-1	0.5
435	1.	SLU_ENV	Max	5.3965	30.4387	435-1	1.
435	0.	SLU_ENV	Min	0.4342	10.917	435-1	0.
435	0.5	SLU_ENV	Min	0.4462	13.0481	435-1	0.5
435	1.	SLU_ENV	Min	0.4582	15.1791	435-1	1.
435	0.	SLV_Ex		-4.5884	190.7637	435-1	0.
435	0.5	SLV_Ex		-5.7975	242.9654	435-1	0.5
435	1.	SLV_Ex		-7.0066	295.167	435-1	1.
436	0.	SLU_ENV	Max	5.3965	30.4387	436-1	0.
436	0.5	SLU_ENV	Max	6.4412	33.3877	436-1	0.5
436	1.	SLU_ENV	Max	7.4858	36.3366	436-1	1.
436	0.	SLU_ENV	Min	0.4582	15.1791	436-1	0.
436	0.5	SLU_ENV	Min	0.3711	16.6521	436-1	0.5
436	1.	SLU_ENV	Min	0.2841	18.125	436-1	1.
436	0.	SLV_Ex		-7.0066	295.167	436-1	0.
436	0.5	SLV_Ex		-8.2533	350.8728	436-1	0.5
436	1.	SLV_Ex		-9.5001	406.5785	436-1	1.
437	0.	SLU_ENV	Max	7.4858	36.3366	437-1	0.
437	0.5	SLU_ENV	Max	8.5196	36.8517	437-1	0.5
437	1.	SLU_ENV	Max	9.5533	37.3669	437-1	1.
437	0.	SLU_ENV	Min	0.2841	18.125	437-1	0.
437	0.5	SLU_ENV	Min	0.0544	18.3863	437-1	0.5
437	1.	SLU_ENV	Min	-0.1753	18.6475	437-1	1.
437	0.	SLV_Ex		-9.5001	406.5785	437-1	0.
437	0.5	SLV_Ex		-10.6444	460.5321	437-1	0.5
437	1.	SLV_Ex		-11.7886	514.4857	437-1	1.
438	0.	SLU_ENV	Max	9.5533	37.3669	438-1	0.
438	0.5	SLU_ENV	Max	10.4611	34.2193	438-1	0.5
438	1.	SLU_ENV	Max	11.3689	31.0718	438-1	1.
438	0.	SLU_ENV	Min	-0.1753	18.6475	438-1	0.
438	0.5	SLU_ENV	Min	-0.592	17.0847	438-1	0.5
438	1.	SLU_ENV	Min	-1.0087	15.5218	438-1	1.
438	0.	SLV_Ex		-11.7886	514.4857	438-1	0.
438	0.5	SLV_Ex		-12.6594	560.1142	438-1	0.5
438	1.	SLV_Ex		-13.5303	605.7426	438-1	1.
439	0.	SLU_ENV	Max	11.3689	31.0718	439-1	0.
439	0.5	SLU_ENV	Max	12.0048	22.9116	439-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
439	1.	SLU_ENV	Max	12.6407	14.7514	439-1	1.
439	0.	SLU_ENV	Min	-1.0087	15.5218	439-1	0.
439	0.5	SLU_ENV	Min	-1.6563	11.4622	439-1	0.5
439	1.	SLU_ENV	Min	-2.3039	7.4025	439-1	1.
439	0.	SLV_Ex		-13.5303	605.7426	439-1	0.
439	0.5	SLV_Ex		-13.9185	634.8064	439-1	0.5
439	1.	SLV_Ex		-14.3068	663.8701	439-1	1.
440	0.	SLU_ENV	Max	12.6407	14.7514	440-1	0.
440	0.5	SLU_ENV	Max	12.822	0.1567	440-1	0.5
440	1.	SLU_ENV	Max	13.0032	-7.1567	440-1	1.
440	0.	SLU_ENV	Min	-2.3039	7.4025	440-1	0.
440	0.5	SLU_ENV	Min	-3.2229	0.0941	440-1	0.5
440	1.	SLU_ENV	Min	-4.1419	-14.4955	440-1	1.
440	0.	SLV_Ex		-14.3068	663.8701	440-1	0.
440	0.5	SLV_Ex		-13.9596	666.1676	440-1	0.5
440	1.	SLV_Ex		-13.6124	668.4651	440-1	1.
441	0.	SLU_ENV	Max	13.0032	-7.1567	441-1	0.
441	0.5	SLU_ENV	Max	12.506	-18.4032	441-1	0.5
441	1.	SLU_ENV	Max	12.0089	-29.6497	441-1	1.
441	0.	SLU_ENV	Min	-4.1419	-14.4955	441-1	0.
441	0.5	SLU_ENV	Min	-5.3655	-37.0806	441-1	0.5
441	1.	SLU_ENV	Min	-6.5891	-59.6658	441-1	1.
441	0.	SLV_Ex		-13.6124	668.4651	441-1	0.
441	0.5	SLV_Ex		-12.2305	631.6444	441-1	0.5
441	1.	SLV_Ex		-10.8485	594.8238	441-1	1.
442	0.	SLU_ENV	Max	12.0089	-29.6497	442-1	0.
442	0.5	SLU_ENV	Max	10.5675	-45.587	442-1	0.5
442	1.	SLU_ENV	Max	9.1261	-61.5242	442-1	1.
442	0.	SLU_ENV	Min	-6.5891	-59.6658	442-1	0.
442	0.5	SLU_ENV	Min	-8.137	-91.664	442-1	0.5
442	1.	SLU_ENV	Min	-9.6849	-123.6622	442-1	1.
442	0.	SLV_Ex		-10.8485	594.8238	442-1	0.
442	0.5	SLV_Ex		-8.0885	504.3679	442-1	0.5
442	1.	SLV_Ex		-5.3284	413.9121	442-1	1.
443	0.	SLU_ENV	Max	9.1261	-61.5242	443-1	0.
443	0.5	SLU_ENV	Max	6.4357	-82.78	443-1	0.5
443	1.	SLU_ENV	Max	3.7453	-104.0358	443-1	1.
443	0.	SLU_ENV	Min	-9.6849	-123.6622	443-1	0.
443	0.5	SLU_ENV	Min	-11.5554	-166.3317	443-1	0.5
443	1.	SLU_ENV	Min	-13.4259	-209.0013	443-1	1.
443	0.	SLV_Ex		-5.3284	413.9121	443-1	0.
443	0.5	SLV_Ex		-0.8117	253.3773	443-1	0.5
443	1.	SLV_Ex		3.705	92.8425	443-1	1.
444	0.	SLU_ENV	Max	3.7453	-104.0358	444-1	0.
444	0.5	SLU_ENV	Max	1.0549	-125.2916	444-1	0.5
444	1.	SLU_ENV	Max	-1.135	-146.5474	444-1	1.
444	0.	SLU_ENV	Min	-13.4259	-209.0013	444-1	0.
444	0.5	SLU_ENV	Min	-15.2965	-251.6708	444-1	0.5
444	1.	SLU_ENV	Min	-17.6675	-294.3403	444-1	1.
444	0.	SLV_Ex		3.705	92.8425	444-1	0.
444	0.5	SLV_Ex		8.2217	-66.2982	444-1	0.5
444	1.	SLV_Ex		12.7384	-222.6508	444-1	1.
445	0.	SLU_ENV	Max	-1.135	-146.5474	445-1	0.
445	0.5	SLU_ENV	Max	-2.917	-167.8032	445-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
445	1.	SLU_ENV	Max	-4.699	-189.059	445-1	1.
445	0.	SLU_ENV	Min	-17.6675	-294.3403	445-1	0.
445	0.5	SLU_ENV	Min	-20.4464	-337.0098	445-1	0.5
445	1.	SLU_ENV	Min	-23.2253	-379.6793	445-1	1.
445	0.	SLV_Ex		12.7384	-222.6508	445-1	0.
445	0.5	SLV_Ex		17.2551	-376.2152	445-1	0.5
445	1.	SLV_Ex		21.7718	-526.9914	445-1	1.
446	0.	SLU_ENV	Max	-4.699	-189.059	446-1	0.
446	0.5	SLU_ENV	Max	-6.481	-210.3148	446-1	0.5
446	1.	SLU_ENV	Max	-8.263	-231.5706	446-1	1.
446	0.	SLU_ENV	Min	-23.2253	-379.6793	446-1	0.
446	0.5	SLU_ENV	Min	-26.0042	-422.3488	446-1	0.5
446	1.	SLU_ENV	Min	-28.7831	-465.0183	446-1	1.
446	0.	SLV_Ex		21.7718	-526.9914	446-1	0.
446	0.5	SLV_Ex		26.2885	-674.9794	446-1	0.5
446	1.	SLV_Ex		30.8052	-820.1793	446-1	1.
447	0.	SLU_ENV	Max	-8.263	-231.5706	447-1	0.
447	0.5	SLU_ENV	Max	-10.045	-252.8265	447-1	0.5
447	1.	SLU_ENV	Max	-11.8271	-274.0823	447-1	1.
447	0.	SLU_ENV	Min	-28.7831	-465.0183	447-1	0.
447	0.5	SLU_ENV	Min	-31.562	-507.6878	447-1	0.5
447	1.	SLU_ENV	Min	-34.3408	-550.3573	447-1	1.
447	0.	SLV_Ex		30.8052	-820.1793	447-1	0.
447	0.5	SLV_Ex		35.3219	-962.5911	447-1	0.5
447	1.	SLV_Ex		39.8386	-1102.2146	447-1	1.
448	0.	SLU_ENV	Max	-11.8271	-274.0823	448-1	0.
448	0.5	SLU_ENV	Max	-13.6091	-295.3336	448-1	0.5
448	1.	SLU_ENV	Max	-15.3911	-316.5851	448-1	1.
448	0.	SLU_ENV	Min	-34.3408	-550.3573	448-1	0.
448	0.5	SLU_ENV	Min	-37.1197	-593.0187	448-1	0.5
448	1.	SLU_ENV	Min	-39.8986	-635.6805	448-1	1.
448	0.	SLV_Ex		39.8386	-1102.2146	448-1	0.
448	0.5	SLV_Ex		44.3553	-1239.042	448-1	0.5
448	1.	SLV_Ex		48.8721	-1373.0814	448-1	1.
449	0.	SLU_ENV	Max	2.158E-14	1.535E-13	449-1	0.
449	0.5	SLU_ENV	Max	0.3393	2.3686	449-1	0.5
449	1.	SLU_ENV	Max	0.6786	4.7372	449-1	1.
449	0.	SLU_ENV	Min	0.	1.137E-13	449-1	0.
449	0.5	SLU_ENV	Min	0.0805	1.2224	449-1	0.5
449	1.	SLU_ENV	Min	0.161	2.4447	449-1	1.
449	0.	SLV_Ex		5.862E-14	1.137E-13	449-1	0.
449	0.5	SLV_Ex		-0.367	18.1476	449-1	0.5
449	1.	SLV_Ex		-0.7341	36.2952	449-1	1.
450	0.	SLU_ENV	Max	0.6786	4.7372	450-1	0.
450	0.5	SLU_ENV	Max	1.2981	8.6077	450-1	0.5
450	1.	SLU_ENV	Max	1.9176	12.4782	450-1	1.
450	0.	SLU_ENV	Min	0.161	2.4447	450-1	0.
450	0.5	SLU_ENV	Min	0.2761	4.4424	450-1	0.5
450	1.	SLU_ENV	Min	0.3913	6.4401	450-1	1.
450	0.	SLV_Ex		-0.7341	36.2952	450-1	0.
450	0.5	SLV_Ex		-1.4043	69.3449	450-1	0.5
450	1.	SLV_Ex		-2.0745	102.3946	450-1	1.
451	0.	SLU_ENV	Max	1.9176	12.4782	451-1	0.
451	0.5	SLU_ENV	Max	2.7561	16.9685	451-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
451	1.	SLU_ENV	Max	3.5946	21.4589	451-1	1.
451	0.	SLU_ENV	Min	0.3913	6.4401	451-1	0.
451	0.5	SLU_ENV	Min	0.4948	8.7581	451-1	0.5
451	1.	SLU_ENV	Min	0.5982	11.0761	451-1	1.
451	0.	SLV_Ex		-2.0745	102.3946	451-1	0.
451	0.5	SLV_Ex		-2.9818	146.9834	451-1	0.5
451	1.	SLV_Ex		-3.8891	191.5721	451-1	1.
452	0.	SLU_ENV	Max	3.5946	21.4589	452-1	0.
452	0.5	SLU_ENV	Max	4.5844	25.6466	452-1	0.5
452	1.	SLU_ENV	Max	5.5743	29.8343	452-1	1.
452	0.	SLU_ENV	Min	0.5982	11.0761	452-1	0.
452	0.5	SLU_ENV	Min	0.6424	13.2386	452-1	0.5
452	1.	SLU_ENV	Min	0.6866	15.4011	452-1	1.
452	0.	SLV_Ex		-3.8891	191.5721	452-1	0.
452	0.5	SLV_Ex		-4.9604	244.0052	452-1	0.5
452	1.	SLV_Ex		-6.0318	296.4383	452-1	1.
453	0.	SLU_ENV	Max	5.5743	29.8343	453-1	0.
453	0.5	SLU_ENV	Max	6.6365	32.7274	453-1	0.5
453	1.	SLU_ENV	Max	7.6987	35.6206	453-1	1.
453	0.	SLU_ENV	Min	0.6866	15.4011	453-1	0.
453	0.5	SLU_ENV	Min	0.6219	16.8963	453-1	0.5
453	1.	SLU_ENV	Min	0.5573	18.3916	453-1	1.
453	0.	SLV_Ex		-6.0318	296.4383	453-1	0.
453	0.5	SLV_Ex		-7.1817	352.4004	453-1	0.5
453	1.	SLV_Ex		-8.3317	408.3626	453-1	1.
454	0.	SLU_ENV	Max	7.6987	35.6206	454-1	0.
454	0.5	SLU_ENV	Max	8.736	36.1305	454-1	0.5
454	1.	SLU_ENV	Max	9.7733	36.6404	454-1	1.
454	0.	SLU_ENV	Min	0.5573	18.3916	454-1	0.
454	0.5	SLU_ENV	Min	0.332	18.6579	454-1	0.5
454	1.	SLU_ENV	Min	0.1067	18.9243	454-1	1.
454	0.	SLV_Ex		-8.3317	408.3626	454-1	0.
454	0.5	SLV_Ex		-9.4551	462.5784	454-1	0.5
454	1.	SLV_Ex		-10.5786	516.7943	454-1	1.
455	0.	SLU_ENV	Max	9.7733	36.6404	455-1	0.
455	0.5	SLU_ENV	Max	10.6636	33.5632	455-1	0.5
455	1.	SLU_ENV	Max	11.5539	30.4859	455-1	1.
455	0.	SLU_ENV	Min	0.1067	18.9243	455-1	0.
455	0.5	SLU_ENV	Min	-0.3327	17.3407	455-1	0.5
455	1.	SLU_ENV	Min	-0.7722	15.757	455-1	1.
455	0.	SLV_Ex		-10.5786	516.7943	455-1	0.
455	0.5	SLV_Ex		-11.5436	562.6656	455-1	0.5
455	1.	SLV_Ex		-12.5085	608.537	455-1	1.
456	0.	SLU_ENV	Max	11.5539	30.4859	456-1	0.
456	0.5	SLU_ENV	Max	12.1434	22.4988	456-1	0.5
456	1.	SLU_ENV	Max	12.7329	14.5117	456-1	1.
456	0.	SLU_ENV	Min	-0.7722	15.757	456-1	0.
456	0.5	SLU_ENV	Min	-1.4798	11.6409	456-1	0.5
456	1.	SLU_ENV	Min	-2.1874	7.5247	456-1	1.
456	0.	SLV_Ex		-12.5085	608.537	456-1	0.
456	0.5	SLV_Ex		-13.1487	637.7919	456-1	0.5
456	1.	SLV_Ex		-13.7888	667.0468	456-1	1.
457	0.	SLU_ENV	Max	12.7329	14.5117	457-1	0.
457	0.5	SLU_ENV	Max	12.8303	0.2165	457-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
457	1.	SLU_ENV	Max	12.9278	-7.2396	457-1	1.
457	0.	SLU_ENV	Min	-2.1874	7.5247	457-1	0.
457	0.5	SLU_ENV	Min	-3.2145	0.1194	457-1	0.5
457	1.	SLU_ENV	Min	-4.2416	-14.125	457-1	1.
457	0.	SLV_Ex		-13.7888	667.0468	457-1	0.
457	0.5	SLV_Ex		-13.8974	669.4421	457-1	0.5
457	1.	SLV_Ex		-14.0059	671.8373	457-1	1.
458	0.	SLU_ENV	Max	12.9278	-7.2396	458-1	0.
458	0.5	SLU_ENV	Max	12.3008	-18.6457	458-1	0.5
458	1.	SLU_ENV	Max	11.6738	-30.0518	458-1	1.
458	0.	SLU_ENV	Min	-4.2416	-14.125	458-1	0.
458	0.5	SLU_ENV	Min	-5.6326	-36.243	458-1	0.5
458	1.	SLU_ENV	Min	-7.0236	-58.361	458-1	1.
458	0.	SLV_Ex		-14.0059	671.8373	458-1	0.
458	0.5	SLV_Ex		-13.3313	634.9692	458-1	0.5
458	1.	SLV_Ex		-12.6568	598.1011	458-1	1.
459	0.	SLU_ENV	Max	11.6738	-30.0518	459-1	0.
459	0.5	SLU_ENV	Max	10.048	-46.2162	459-1	0.5
459	1.	SLU_ENV	Max	8.4222	-62.3806	459-1	1.
459	0.	SLU_ENV	Min	-7.0236	-58.361	459-1	0.
459	0.5	SLU_ENV	Min	-8.8091	-89.7014	459-1	0.5
459	1.	SLU_ENV	Min	-10.5946	-121.0417	459-1	1.
459	0.	SLV_Ex		-12.6568	598.1011	459-1	0.
459	0.5	SLV_Ex		-10.9022	507.3897	459-1	0.5
459	1.	SLV_Ex		-9.1477	416.6783	459-1	1.
460	0.	SLU_ENV	Max	8.4222	-62.3806	460-1	0.
460	0.5	SLU_ENV	Max	5.4854	-83.9405	460-1	0.5
460	1.	SLU_ENV	Max	2.5487	-105.5003	460-1	1.
460	0.	SLU_ENV	Min	-10.5946	-121.0417	460-1	0.
460	0.5	SLU_ENV	Min	-12.7824	-162.838	460-1	0.5
460	1.	SLU_ENV	Min	-14.9702	-204.6343	460-1	1.
460	0.	SLV_Ex		-9.1477	416.6783	460-1	0.
460	0.5	SLV_Ex		-5.9754	255.6066	460-1	0.5
460	1.	SLV_Ex		-2.803	94.5348	460-1	1.
461	0.	SLU_ENV	Max	2.5487	-105.5003	461-1	0.
461	0.5	SLU_ENV	Max	-0.2983	-127.0602	461-1	0.5
461	1.	SLU_ENV	Max	-2.2416	-148.62	461-1	1.
461	0.	SLU_ENV	Min	-14.9702	-204.6343	461-1	0.
461	0.5	SLU_ENV	Min	-17.2478	-246.4306	461-1	0.5
461	1.	SLU_ENV	Min	-20.429	-288.227	461-1	1.
461	0.	SLV_Ex		-2.803	94.5348	461-1	0.
461	0.5	SLV_Ex		0.3693	-65.1429	461-1	0.5
461	1.	SLV_Ex		3.5416	-222.0324	461-1	1.
462	0.	SLU_ENV	Max	-2.2416	-148.62	462-1	0.
462	0.5	SLU_ENV	Max	-4.185	-170.1799	462-1	0.5
462	1.	SLU_ENV	Max	-6.1283	-191.7398	462-1	1.
462	0.	SLU_ENV	Min	-20.429	-288.227	462-1	0.
462	0.5	SLU_ENV	Min	-23.6103	-330.0233	462-1	0.5
462	1.	SLU_ENV	Min	-26.7915	-371.8196	462-1	1.
462	0.	SLV_Ex		3.5416	-222.0324	462-1	0.
462	0.5	SLV_Ex		6.7139	-376.1337	462-1	0.5
462	1.	SLV_Ex		9.8863	-527.4469	462-1	1.
463	0.	SLU_ENV	Max	-6.1283	-191.7398	463-1	0.
463	0.5	SLU_ENV	Max	-8.0716	-213.2996	463-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
463	1.	SLU_ENV	Max	-10.015	-234.8595	463-1	1.
463	0.	SLU_ENV	Min	-26.7915	-371.8196	463-1	0.
463	0.5	SLU_ENV	Min	-29.9727	-413.6159	463-1	0.5
463	1.	SLU_ENV	Min	-33.1539	-455.4122	463-1	1.
463	0.	SLV_Ex		9.8863	-527.4469	463-1	0.
463	0.5	SLV_Ex		13.0586	-675.9719	463-1	0.5
463	1.	SLV_Ex		16.2309	-821.7087	463-1	1.
464	0.	SLU_ENV	Max	-10.015	-234.8595	464-1	0.
464	0.5	SLU_ENV	Max	-11.9583	-256.4193	464-1	0.5
464	1.	SLU_ENV	Max	-13.9016	-277.9792	464-1	1.
464	0.	SLU_ENV	Min	-33.1539	-455.4122	464-1	0.
464	0.5	SLU_ENV	Min	-36.3352	-497.2085	464-1	0.5
464	1.	SLU_ENV	Min	-39.5164	-539.0048	464-1	1.
464	0.	SLV_Ex		16.2309	-821.7087	464-1	0.
464	0.5	SLV_Ex		19.4032	-964.6574	464-1	0.5
464	1.	SLV_Ex		22.5756	-1104.818	464-1	1.
465	0.	SLU_ENV	Max	-13.9016	-277.9792	465-1	0.
465	0.5	SLU_ENV	Max	-15.8449	-299.5345	465-1	0.5
465	1.	SLU_ENV	Max	-17.7883	-321.09	465-1	1.
465	0.	SLU_ENV	Min	-39.5164	-539.0048	465-1	0.
465	0.5	SLU_ENV	Min	-42.6976	-580.7933	465-1	0.5
465	1.	SLU_ENV	Min	-45.8788	-622.582	465-1	1.
465	0.	SLV_Ex		22.5756	-1104.818	465-1	0.
465	0.5	SLV_Ex		25.7479	-1242.1823	465-1	0.5
465	1.	SLV_Ex		28.9202	-1376.7588	465-1	1.
466	0.	SLU_ENV	Max	-1.421E-14	-3.766E-14	466-1	0.
466	0.5	SLU_ENV	Max	0.3517	2.3288	466-1	0.5
466	1.	SLU_ENV	Max	0.7034	4.6576	466-1	1.
466	0.	SLU_ENV	Min	-1.918E-14	-7.674E-14	466-1	0.
466	0.5	SLU_ENV	Min	0.1025	1.2407	466-1	0.5
466	1.	SLU_ENV	Min	0.2049	2.4813	466-1	1.
466	0.	SLV_Ex		-1.421E-14	-5.684E-14	466-1	0.
466	0.5	SLV_Ex		-0.2652	18.2117	466-1	0.5
466	1.	SLV_Ex		-0.5304	36.4234	466-1	1.
467	0.	SLU_ENV	Max	0.7034	4.6576	467-1	0.
467	0.5	SLU_ENV	Max	1.3432	8.4634	467-1	0.5
467	1.	SLU_ENV	Max	1.9831	12.2692	467-1	1.
467	0.	SLU_ENV	Min	0.2049	2.4813	467-1	0.
467	0.5	SLU_ENV	Min	0.356	4.509	467-1	0.5
467	1.	SLU_ENV	Min	0.507	6.5367	467-1	1.
467	0.	SLV_Ex		-0.5304	36.4234	467-1	0.
467	0.5	SLV_Ex		-1.0339	69.5944	467-1	0.5
467	1.	SLV_Ex		-1.5374	102.7654	467-1	1.
468	0.	SLU_ENV	Max	1.9831	12.2692	468-1	0.
468	0.5	SLU_ENV	Max	2.8452	16.685	468-1	0.5
468	1.	SLU_ENV	Max	3.7072	21.1009	468-1	1.
468	0.	SLU_ENV	Min	0.507	6.5367	468-1	0.
468	0.5	SLU_ENV	Min	0.6522	8.8896	468-1	0.5
468	1.	SLU_ENV	Min	0.7974	11.2426	468-1	1.
468	0.	SLV_Ex		-1.5374	102.7654	468-1	0.
468	0.5	SLV_Ex		-2.2507	147.5251	468-1	0.5
468	1.	SLV_Ex		-2.964	192.2849	468-1	1.
469	0.	SLU_ENV	Max	3.7072	21.1009	469-1	0.
469	0.5	SLU_ENV	Max	4.7193	25.2202	469-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
469	1.	SLU_ENV	Max	5.7314	29.3396	469-1	1.
469	0.	SLU_ENV	Min	0.7974	11.2426	469-1	0.
469	0.5	SLU_ENV	Min	0.8805	13.4379	469-1	0.5
469	1.	SLU_ENV	Min	0.9637	15.6333	469-1	1.
469	0.	SLV_Ex		-2.964	192.2849	469-1	0.
469	0.5	SLV_Ex		-3.8536	244.9302	469-1	0.5
469	1.	SLV_Ex		-4.7432	297.5754	469-1	1.
470	0.	SLU_ENV	Max	5.7314	29.3396	470-1	0.
470	0.5	SLU_ENV	Max	6.8092	32.1874	470-1	0.5
470	1.	SLU_ENV	Max	7.887	35.0352	470-1	1.
470	0.	SLU_ENV	Min	0.9637	15.6333	470-1	0.
470	0.5	SLU_ENV	Min	0.9261	17.1517	470-1	0.5
470	1.	SLU_ENV	Min	0.8884	18.6702	470-1	1.
470	0.	SLV_Ex		-4.7432	297.5754	470-1	0.
470	0.5	SLV_Ex		-5.7659	353.7801	470-1	0.5
470	1.	SLV_Ex		-6.7886	409.9847	470-1	1.
471	0.	SLU_ENV	Max	7.887	35.0352	471-1	0.
471	0.5	SLU_ENV	Max	8.9276	35.5415	471-1	0.5
471	1.	SLU_ENV	Max	9.9682	36.0478	471-1	1.
471	0.	SLU_ENV	Min	0.8884	18.6702	471-1	0.
471	0.5	SLU_ENV	Min	0.6682	18.9418	471-1	0.5
471	1.	SLU_ENV	Min	0.448	19.2134	471-1	1.
471	0.	SLV_Ex		-6.7886	409.9847	471-1	0.
471	0.5	SLV_Ex		-7.8859	464.4587	471-1	0.5
471	1.	SLV_Ex		-8.9833	518.9327	471-1	1.
472	0.	SLU_ENV	Max	9.9682	36.0478	472-1	0.
472	0.5	SLU_ENV	Max	10.8433	33.029	472-1	0.5
472	1.	SLU_ENV	Max	11.7184	30.0103	472-1	1.
472	0.	SLU_ENV	Min	0.448	19.2134	472-1	0.
472	0.5	SLU_ENV	Min	-0.0196	17.6077	472-1	0.5
472	1.	SLU_ENV	Min	-0.4872	16.0021	472-1	1.
472	0.	SLV_Ex		-8.9833	518.9327	472-1	0.
472	0.5	SLV_Ex		-10.0747	565.0582	472-1	0.5
472	1.	SLV_Ex		-11.1662	611.1836	472-1	1.
473	0.	SLU_ENV	Max	11.7184	30.0103	473-1	0.
473	0.5	SLU_ENV	Max	12.2672	22.1662	473-1	0.5
473	1.	SLU_ENV	Max	12.816	14.3222	473-1	1.
473	0.	SLU_ENV	Min	-0.4872	16.0021	473-1	0.
473	0.5	SLU_ENV	Min	-1.2683	11.8265	473-1	0.5
473	1.	SLU_ENV	Min	-2.0494	7.651	473-1	1.
473	0.	SLV_Ex		-11.1662	611.1836	473-1	0.
473	0.5	SLV_Ex		-12.1422	640.6617	473-1	0.5
473	1.	SLV_Ex		-13.1182	670.1397	473-1	1.
474	0.	SLU_ENV	Max	12.816	14.3222	474-1	0.
474	0.5	SLU_ENV	Max	12.84	0.2737	474-1	0.5
474	1.	SLU_ENV	Max	12.8639	-7.3289	474-1	1.
474	0.	SLU_ENV	Min	-2.0494	7.651	474-1	0.
474	0.5	SLU_ENV	Min	-3.2086	0.1428	474-1	0.5
474	1.	SLU_ENV	Min	-4.3678	-13.8114	474-1	1.
474	0.	SLV_Ex		-13.1182	670.1397	474-1	0.
474	0.5	SLV_Ex		-13.8331	672.6919	474-1	0.5
474	1.	SLV_Ex		-14.5479	675.2442	474-1	1.
475	0.	SLU_ENV	Max	12.8639	-7.3289	475-1	0.
475	0.5	SLU_ENV	Max	12.1228	-18.9024	475-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
475	1.	SLU_ENV	Max	11.3817	-30.476	475-1	1.
475	0.	SLU_ENV	Min	-4.3678	-13.8114	475-1	0.
475	0.5	SLU_ENV	Min	-5.9631	-35.5448	475-1	0.5
475	1.	SLU_ENV	Min	-7.5585	-57.2781	475-1	1.
475	0.	SLV_Ex		-14.5479	675.2442	475-1	0.
475	0.5	SLV_Ex		-14.8133	638.4214	475-1	0.5
475	1.	SLV_Ex		-15.0787	601.5987	475-1	1.
476	0.	SLU_ENV	Max	11.3817	-30.476	476-1	0.
476	0.5	SLU_ENV	Max	9.5938	-46.8787	476-1	0.5
476	1.	SLU_ENV	Max	7.8059	-63.2814	476-1	1.
476	0.	SLU_ENV	Min	-7.5585	-57.2781	476-1	0.
476	0.5	SLU_ENV	Min	-9.6337	-88.0772	476-1	0.5
476	1.	SLU_ENV	Min	-11.7089	-118.8763	476-1	1.
476	0.	SLV_Ex		-15.0787	601.5987	476-1	0.
476	0.5	SLV_Ex		-14.6593	510.7648	476-1	0.5
476	1.	SLV_Ex		-14.2399	419.9308	476-1	1.
477	0.	SLU_ENV	Max	7.8059	-63.2814	477-1	0.
477	0.5	SLU_ENV	Max	4.6524	-85.1601	477-1	0.5
477	1.	SLU_ENV	Max	1.4989	-107.0388	477-1	1.
477	0.	SLU_ENV	Min	-11.7089	-118.8763	477-1	0.
477	0.5	SLU_ENV	Min	-14.2833	-159.9547	477-1	0.5
477	1.	SLU_ENV	Min	-16.8578	-201.0331	477-1	1.
477	0.	SLV_Ex		-14.2399	419.9308	477-1	0.
477	0.5	SLV_Ex		-12.8514	258.5009	477-1	0.5
477	1.	SLV_Ex		-11.463	97.0709	477-1	1.
478	0.	SLU_ENV	Max	1.4989	-107.0388	478-1	0.
478	0.5	SLU_ENV	Max	-1.1134	-128.9175	478-1	0.5
478	1.	SLU_ENV	Max	-3.1962	-150.7961	478-1	1.
478	0.	SLU_ENV	Min	-16.8578	-201.0331	478-1	0.
478	0.5	SLU_ENV	Min	-19.9734	-242.1115	478-1	0.5
478	1.	SLU_ENV	Min	-23.6186	-283.1899	478-1	1.
478	0.	SLV_Ex		-11.463	97.0709	478-1	0.
478	0.5	SLV_Ex		-10.0746	-62.9649	478-1	0.5
478	1.	SLV_Ex		-8.6862	-220.2127	478-1	1.
479	0.	SLU_ENV	Max	-3.1962	-150.7961	479-1	0.
479	0.5	SLU_ENV	Max	-5.279	-172.6748	479-1	0.5
479	1.	SLU_ENV	Max	-7.3617	-194.5535	479-1	1.
479	0.	SLU_ENV	Min	-23.6186	-283.1899	479-1	0.
479	0.5	SLU_ENV	Min	-27.2637	-324.2683	479-1	0.5
479	1.	SLU_ENV	Min	-30.9089	-365.3467	479-1	1.
479	0.	SLV_Ex		-8.6862	-220.2127	479-1	0.
479	0.5	SLV_Ex		-7.2978	-374.6722	479-1	0.5
479	1.	SLV_Ex		-5.9094	-526.3436	479-1	1.
480	0.	SLU_ENV	Max	-7.3617	-194.5535	480-1	0.
480	0.5	SLU_ENV	Max	-9.4445	-216.4322	480-1	0.5
480	1.	SLU_ENV	Max	-11.5273	-238.3109	480-1	1.
480	0.	SLU_ENV	Min	-30.9089	-365.3467	480-1	0.
480	0.5	SLU_ENV	Min	-34.554	-406.4251	480-1	0.5
480	1.	SLU_ENV	Min	-38.1992	-447.5035	480-1	1.
480	0.	SLV_Ex		-5.9094	-526.3436	480-1	0.
480	0.5	SLV_Ex		-4.521	-675.2268	480-1	0.5
480	1.	SLV_Ex		-3.1326	-821.3219	480-1	1.
481	0.	SLU_ENV	Max	-11.5273	-238.3109	481-1	0.
481	0.5	SLU_ENV	Max	-13.61	-260.1895	481-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
481	1.	SLU_ENV	Max	-15.6928	-282.0682	481-1	1.
481	0.	SLU_ENV	Min	-38.1992	-447.5035	481-1	0.
481	0.5	SLU_ENV	Min	-41.8444	-488.5818	481-1	0.5
481	1.	SLU_ENV	Min	-45.4895	-529.6602	481-1	1.
481	0.	SLV_Ex		-3.1326	-821.3219	481-1	0.
481	0.5	SLV_Ex		-1.7441	-964.6288	481-1	0.5
481	1.	SLV_Ex		-0.3557	-1105.1475	481-1	1.
482	0.	SLU_ENV	Max	-15.6928	-282.0682	482-1	0.
482	0.5	SLU_ENV	Max	-17.7756	-303.9423	482-1	0.5
482	1.	SLU_ENV	Max	-19.8583	-325.8166	482-1	1.
482	0.	SLU_ENV	Min	-45.4895	-529.6602	482-1	0.
482	0.5	SLU_ENV	Min	-49.1347	-570.731	482-1	0.5
482	1.	SLU_ENV	Min	-52.7798	-611.8022	482-1	1.
482	0.	SLV_Ex		-0.3557	-1105.1475	482-1	0.
482	0.5	SLV_Ex		1.0327	-1242.8703	482-1	0.5
482	1.	SLV_Ex		2.4211	-1377.8051	482-1	1.
483	0.	SLU_ENV	Max	0.	-1.847E-14	483-1	0.
483	0.5	SLU_ENV	Max	0.3524	2.2557	483-1	0.5
483	1.	SLU_ENV	Max	0.7047	4.5114	483-1	1.
483	0.	SLU_ENV	Min	-2.398E-15	-5.755E-14	483-1	0.
483	0.5	SLU_ENV	Min	0.1214	1.2343	483-1	0.5
483	1.	SLU_ENV	Min	0.2427	2.4686	483-1	1.
483	0.	SLV_Ex		-1.776E-15	-4.263E-14	483-1	0.
483	0.5	SLV_Ex		-0.1706	18.155	483-1	0.5
483	1.	SLV_Ex		-0.3412	36.3101	483-1	1.
484	0.	SLU_ENV	Max	0.7047	4.5114	484-1	0.
484	0.5	SLU_ENV	Max	1.3457	8.1981	484-1	0.5
484	1.	SLU_ENV	Max	1.9867	11.8848	484-1	1.
484	0.	SLU_ENV	Min	0.2427	2.4686	484-1	0.
484	0.5	SLU_ENV	Min	0.4248	4.4859	484-1	0.5
484	1.	SLU_ENV	Min	0.6068	6.5033	484-1	1.
484	0.	SLV_Ex		-0.3412	36.3101	484-1	0.
484	0.5	SLV_Ex		-0.6898	69.4049	484-1	0.5
484	1.	SLV_Ex		-1.0383	102.4997	484-1	1.
485	0.	SLU_ENV	Max	1.9867	11.8848	485-1	0.
485	0.5	SLU_ENV	Max	2.8504	16.1633	485-1	0.5
485	1.	SLU_ENV	Max	3.714	20.4417	485-1	1.
485	0.	SLU_ENV	Min	0.6068	6.5033	485-1	0.
485	0.5	SLU_ENV	Min	0.7879	8.8445	485-1	0.5
485	1.	SLU_ENV	Min	0.9691	11.1857	485-1	1.
485	0.	SLV_Ex		-1.0383	102.4997	485-1	0.
485	0.5	SLV_Ex		-1.5709	147.2015	485-1	0.5
485	1.	SLV_Ex		-2.1036	191.9033	485-1	1.
486	0.	SLU_ENV	Max	3.714	20.4417	486-1	0.
486	0.5	SLU_ENV	Max	4.7278	24.4341	486-1	0.5
486	1.	SLU_ENV	Max	5.7416	28.4265	486-1	1.
486	0.	SLU_ENV	Min	0.9691	11.1857	486-1	0.
486	0.5	SLU_ENV	Min	1.0859	13.3705	486-1	0.5
486	1.	SLU_ENV	Min	1.2027	15.5553	486-1	1.
486	0.	SLV_Ex		-2.1036	191.9033	486-1	0.
486	0.5	SLV_Ex		-2.8233	244.5472	486-1	0.5
486	1.	SLV_Ex		-3.5429	297.1911	486-1	1.
487	0.	SLU_ENV	Max	5.7416	28.4265	487-1	0.
487	0.5	SLU_ENV	Max	6.8211	31.1888	487-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
487	1.	SLU_ENV	Max	7.9006	33.9511	487-1	1.
487	0.	SLU_ENV	Min	1.2027	15.5553	487-1	0.
487	0.5	SLU_ENV	Min	1.1886	17.0671	487-1	0.5
487	1.	SLU_ENV	Min	1.1745	18.5789	487-1	1.
487	0.	SLV_Ex		-3.5429	297.1911	487-1	0.
487	0.5	SLV_Ex		-4.4455	353.4908	487-1	0.5
487	1.	SLV_Ex		-5.3482	409.7904	487-1	1.
488	0.	SLU_ENV	Max	7.9006	33.9511	488-1	0.
488	0.5	SLU_ENV	Max	8.9428	34.4473	488-1	0.5
488	1.	SLU_ENV	Max	9.985	34.9435	488-1	1.
488	0.	SLU_ENV	Min	1.1745	18.5789	488-1	0.
488	0.5	SLU_ENV	Min	0.9589	18.8509	488-1	0.5
488	1.	SLU_ENV	Min	0.7434	19.123	488-1	1.
488	0.	SLV_Ex		-5.3482	409.7904	488-1	0.
488	0.5	SLV_Ex		-6.4184	464.4967	488-1	0.5
488	1.	SLV_Ex		-7.4886	519.203	488-1	1.
489	0.	SLU_ENV	Max	9.985	34.9435	489-1	0.
489	0.5	SLU_ENV	Max	10.8611	32.0275	489-1	0.5
489	1.	SLU_ENV	Max	11.7372	29.1115	489-1	1.
489	0.	SLU_ENV	Min	0.7434	19.123	489-1	0.
489	0.5	SLU_ENV	Min	0.2521	17.528	489-1	0.5
489	1.	SLU_ENV	Min	-0.2393	15.9331	489-1	1.
489	0.	SLV_Ex		-7.4886	519.203	489-1	0.
489	0.5	SLV_Ex		-8.6937	565.7396	489-1	0.5
489	1.	SLV_Ex		-9.8987	612.2762	489-1	1.
490	0.	SLU_ENV	Max	11.7372	29.1115	490-1	0.
490	0.5	SLU_ENV	Max	12.2863	21.5241	490-1	0.5
490	1.	SLU_ENV	Max	12.8354	13.9366	490-1	1.
490	0.	SLU_ENV	Min	-0.2393	15.9331	490-1	0.
490	0.5	SLU_ENV	Min	-1.0831	11.7823	490-1	0.5
490	1.	SLU_ENV	Min	-1.9269	7.6315	490-1	1.
490	0.	SLV_Ex		-9.8987	612.2762	490-1	0.
490	0.5	SLV_Ex		-11.1815	642.385	490-1	0.5
490	1.	SLV_Ex		-12.4643	672.4937	490-1	1.
491	0.	SLU_ENV	Max	12.8354	13.9366	491-1	0.
491	0.5	SLU_ENV	Max	12.8584	0.3353	491-1	0.5
491	1.	SLU_ENV	Max	12.8815	-7.2632	491-1	1.
491	0.	SLU_ENV	Min	-1.9269	7.6315	491-1	0.
491	0.5	SLU_ENV	Min	-3.1991	0.1731	491-1	0.5
491	1.	SLU_ENV	Min	-4.4713	-13.288	491-1	1.
491	0.	SLV_Ex		-12.4643	672.4937	491-1	0.
491	0.5	SLV_Ex		-13.7358	675.9334	491-1	0.5
491	1.	SLV_Ex		-15.0072	679.373	491-1	1.
492	0.	SLU_ENV	Max	12.8815	-7.2632	492-1	0.
492	0.5	SLU_ENV	Max	12.1379	-18.7725	492-1	0.5
492	1.	SLU_ENV	Max	11.3943	-30.2817	492-1	1.
492	0.	SLU_ENV	Min	-4.4713	-13.288	492-1	0.
492	0.5	SLU_ENV	Min	-6.2416	-34.324	492-1	0.5
492	1.	SLU_ENV	Min	-8.012	-55.3599	492-1	1.
492	0.	SLV_Ex		-15.0072	679.373	492-1	0.
492	0.5	SLV_Ex		-16.138	643.724	492-1	0.5
492	1.	SLV_Ex		-17.2687	608.075	492-1	1.
493	0.	SLU_ENV	Max	11.3943	-30.2817	493-1	0.
493	0.5	SLU_ENV	Max	9.6017	-46.5947	493-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
493	1.	SLU_ENV	Max	7.8091	-62.9076	493-1	1.
493	0.	SLU_ENV	Min	-8.012	-55.3599	493-1	0.
493	0.5	SLU_ENV	Min	-10.3357	-85.1751	493-1	0.5
493	1.	SLU_ENV	Min	-12.6594	-114.9902	493-1	1.
493	0.	SLV_Ex		-17.2687	608.075	493-1	0.
493	0.5	SLV_Ex		-18.0806	518.7173	493-1	0.5
493	1.	SLV_Ex		-18.8925	429.3595	493-1	1.
494	0.	SLU_ENV	Max	7.8091	-62.9076	494-1	0.
494	0.5	SLU_ENV	Max	4.6483	-84.668	494-1	0.5
494	1.	SLU_ENV	Max	1.4876	-106.4284	494-1	1.
494	0.	SLU_ENV	Min	-12.6594	-114.9902	494-1	0.
494	0.5	SLU_ENV	Min	-15.5657	-154.7609	494-1	0.5
494	1.	SLU_ENV	Min	-18.472	-194.5316	494-1	1.
494	0.	SLV_Ex		-18.8925	429.3595	494-1	0.
494	0.5	SLV_Ex		-19.1515	269.7033	494-1	0.5
494	1.	SLV_Ex		-19.4106	110.0472	494-1	1.
495	0.	SLU_ENV	Max	1.4876	-106.4284	495-1	0.
495	0.5	SLU_ENV	Max	-1.1217	-128.1888	495-1	0.5
495	1.	SLU_ENV	Max	-3.2085	-149.9492	495-1	1.
495	0.	SLU_ENV	Min	-18.472	-194.5316	495-1	0.
495	0.5	SLU_ENV	Min	-21.9298	-234.3023	495-1	0.5
495	1.	SLU_ENV	Min	-25.9101	-274.073	495-1	1.
495	0.	SLV_Ex		-19.4106	110.0472	495-1	0.
495	0.5	SLV_Ex		-19.6696	-48.2149	495-1	0.5
495	1.	SLV_Ex		-19.9287	-203.6889	495-1	1.
496	0.	SLU_ENV	Max	-3.2085	-149.9492	496-1	0.
496	0.5	SLU_ENV	Max	-5.2953	-171.7096	496-1	0.5
496	1.	SLU_ENV	Max	-7.382	-193.47	496-1	1.
496	0.	SLU_ENV	Min	-25.9101	-274.073	496-1	0.
496	0.5	SLU_ENV	Min	-29.8904	-313.8436	496-1	0.5
496	1.	SLU_ENV	Min	-33.8707	-353.6143	496-1	1.
496	0.	SLV_Ex		-19.9287	-203.6889	496-1	0.
496	0.5	SLV_Ex		-20.1877	-356.3746	496-1	0.5
496	1.	SLV_Ex		-20.4468	-506.2722	496-1	1.
497	0.	SLU_ENV	Max	-7.382	-193.47	497-1	0.
497	0.5	SLU_ENV	Max	-9.4688	-215.2303	497-1	0.5
497	1.	SLU_ENV	Max	-11.5555	-236.9907	497-1	1.
497	0.	SLU_ENV	Min	-33.8707	-353.6143	497-1	0.
497	0.5	SLU_ENV	Min	-37.851	-393.385	497-1	0.5
497	1.	SLU_ENV	Min	-41.8314	-433.1557	497-1	1.
497	0.	SLV_Ex		-20.4468	-506.2722	497-1	0.
497	0.5	SLV_Ex		-20.7058	-653.3817	497-1	0.5
497	1.	SLV_Ex		-20.9649	-797.7029	497-1	1.
498	0.	SLU_ENV	Max	-11.5555	-236.9907	498-1	0.
498	0.5	SLU_ENV	Max	-13.6423	-258.7511	498-1	0.5
498	1.	SLU_ENV	Max	-15.7291	-280.5115	498-1	1.
498	0.	SLU_ENV	Min	-41.8314	-433.1557	498-1	0.
498	0.5	SLU_ENV	Min	-45.8117	-472.9264	498-1	0.5
498	1.	SLU_ENV	Min	-49.792	-512.6971	498-1	1.
498	0.	SLV_Ex		-20.9649	-797.7029	498-1	0.
498	0.5	SLV_Ex		-21.224	-939.2361	498-1	0.5
498	1.	SLV_Ex		-21.483	-1077.981	498-1	1.
499	0.	SLU_ENV	Max	-15.7291	-280.5115	499-1	0.
499	0.5	SLU_ENV	Max	-17.8158	-302.2673	499-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
499	1.	SLU_ENV	Max	-19.9026	-324.0233	499-1	1.
499	0.	SLU_ENV	Min	-49.792	-512.6971	499-1	0.
499	0.5	SLU_ENV	Min	-53.7723	-552.4605	499-1	0.5
499	1.	SLU_ENV	Min	-57.7526	-592.2243	499-1	1.
499	0.	SLV_Ex		-21.483	-1077.981	499-1	0.
499	0.5	SLV_Ex		-21.7421	-1213.9303	499-1	0.5
499	1.	SLV_Ex		-22.0011	-1347.0917	499-1	1.
500	0.	SLU_ENV	Max	0.	-5.684E-14	500-1	0.
500	0.5	SLU_ENV	Max	0.4009	1.9785	500-1	0.5
500	1.	SLU_ENV	Max	0.8018	3.957	500-1	1.
500	0.	SLU_ENV	Min	-4.796E-15	-9.592E-14	500-1	0.
500	0.5	SLU_ENV	Min	0.1544	1.113	500-1	0.5
500	1.	SLU_ENV	Min	0.3088	2.226	500-1	1.
500	0.	SLV_Ex		-3.553E-15	-1.876E-12	500-1	0.
500	0.5	SLV_Ex		0.0389	17.5976	500-1	0.5
500	1.	SLV_Ex		0.0778	35.1952	500-1	1.
501	0.	SLU_ENV	Max	0.8018	3.957	501-1	0.
501	0.5	SLU_ENV	Max	1.5221	7.191	501-1	0.5
501	1.	SLU_ENV	Max	2.2424	10.4251	501-1	1.
501	0.	SLU_ENV	Min	0.3088	2.226	501-1	0.
501	0.5	SLU_ENV	Min	0.5448	4.0453	501-1	0.5
501	1.	SLU_ENV	Min	0.7808	5.8645	501-1	1.
501	0.	SLV_Ex		0.0778	35.1952	501-1	0.
501	0.5	SLV_Ex		0.0719	67.3946	501-1	0.5
501	1.	SLV_Ex		0.066	99.5941	501-1	1.
502	0.	SLU_ENV	Max	2.2424	10.4251	502-1	0.
502	0.5	SLU_ENV	Max	3.1981	14.1789	502-1	0.5
502	1.	SLU_ENV	Max	4.1538	17.9327	502-1	1.
502	0.	SLU_ENV	Min	0.7808	5.8645	502-1	0.
502	0.5	SLU_ENV	Min	1.0246	7.976	502-1	0.5
502	1.	SLU_ENV	Min	1.2684	10.0874	502-1	1.
502	0.	SLV_Ex		0.066	99.5941	502-1	0.
502	0.5	SLV_Ex		-0.0686	143.2855	502-1	0.5
502	1.	SLV_Ex		-0.2032	186.977	502-1	1.
503	0.	SLU_ENV	Max	4.1538	17.9327	503-1	0.
503	0.5	SLU_ENV	Max	5.2535	21.4368	503-1	0.5
503	1.	SLU_ENV	Max	6.3532	24.9408	503-1	1.
503	0.	SLU_ENV	Min	1.2684	10.0874	503-1	0.
503	0.5	SLU_ENV	Min	1.4437	12.0582	503-1	0.5
503	1.	SLU_ENV	Min	1.6189	14.0289	503-1	1.
503	0.	SLV_Ex		-0.2032	186.977	503-1	0.
503	0.5	SLV_Ex		-0.5508	238.7282	503-1	0.5
503	1.	SLV_Ex		-0.8983	290.4794	503-1	1.
504	0.	SLU_ENV	Max	6.3532	24.9408	504-1	0.
504	0.5	SLU_ENV	Max	7.4922	27.3675	504-1	0.5
504	1.	SLU_ENV	Max	8.6312	29.7942	504-1	1.
504	0.	SLU_ENV	Min	1.6189	14.0289	504-1	0.
504	0.5	SLU_ENV	Min	1.6453	15.3933	504-1	0.5
504	1.	SLU_ENV	Min	1.6717	16.7576	504-1	1.
504	0.	SLV_Ex		-0.8983	290.4794	504-1	0.
504	0.5	SLV_Ex		-1.5423	346.2523	504-1	0.5
504	1.	SLV_Ex		-2.1863	402.0252	504-1	1.
505	0.	SLU_ENV	Max	8.6312	29.7942	505-1	0.
505	0.5	SLU_ENV	Max	9.6841	30.2351	505-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
505	1.	SLU_ENV	Max	10.737	30.676	505-1	1.
505	0.	SLU_ENV	Min	1.6717	16.7576	505-1	0.
505	0.5	SLU_ENV	Min	1.4634	17.0045	505-1	0.5
505	1.	SLU_ENV	Min	1.2552	17.2513	505-1	1.
505	0.	SLV_Ex		-2.1863	402.0252	505-1	0.
505	0.5	SLV_Ex		-3.2073	456.841	505-1	0.5
505	1.	SLV_Ex		-4.2283	511.6568	505-1	1.
506	0.	SLU_ENV	Max	10.737	30.676	506-1	0.
506	0.5	SLU_ENV	Max	11.5505	28.1262	506-1	0.5
506	1.	SLU_ENV	Max	12.364	25.5764	506-1	1.
506	0.	SLU_ENV	Min	1.2552	17.2513	506-1	0.
506	0.5	SLU_ENV	Min	0.7212	15.8153	506-1	0.5
506	1.	SLU_ENV	Min	0.1873	14.3793	506-1	1.
506	0.	SLV_Ex		-4.2283	511.6568	506-1	0.
506	0.5	SLV_Ex		-5.6998	559.2343	506-1	0.5
506	1.	SLV_Ex		-7.1713	606.8119	506-1	1.
507	0.	SLU_ENV	Max	12.364	25.5764	507-1	0.
507	0.5	SLU_ENV	Max	12.7501	18.9316	507-1	0.5
507	1.	SLU_ENV	Max	13.1361	12.2868	507-1	1.
507	0.	SLU_ENV	Min	0.1873	14.3793	507-1	0.
507	0.5	SLU_ENV	Min	-0.7675	10.6392	507-1	0.5
507	1.	SLU_ENV	Min	-1.7222	6.899	507-1	1.
507	0.	SLV_Ex		-7.1713	606.8119	507-1	0.
507	0.5	SLV_Ex		-9.1532	639.2129	507-1	0.5
507	1.	SLV_Ex		-11.1351	671.6139	507-1	1.
508	0.	SLU_ENV	Max	13.1361	12.2868	508-1	0.
508	0.5	SLU_ENV	Max	12.8665	0.376	508-1	0.5
508	1.	SLU_ENV	Max	12.5969	-6.5251	508-1	1.
508	0.	SLU_ENV	Min	-1.7222	6.899	508-1	0.
508	0.5	SLU_ENV	Min	-3.1936	0.171	508-1	0.5
508	1.	SLU_ENV	Min	-4.665	-11.5669	508-1	1.
508	0.	SLV_Ex		-11.1351	671.6139	508-1	0.
508	0.5	SLV_Ex		-13.6639	678.9345	508-1	0.5
508	1.	SLV_Ex		-16.1928	686.2552	508-1	1.
509	0.	SLU_ENV	Max	12.5969	-6.5251	509-1	0.
509	0.5	SLU_ENV	Max	11.401	-16.8993	509-1	0.5
509	1.	SLU_ENV	Max	10.2051	-27.2735	509-1	1.
509	0.	SLU_ENV	Min	-4.665	-11.5669	509-1	0.
509	0.5	SLU_ENV	Min	-6.7431	-30.0027	509-1	0.5
509	1.	SLU_ENV	Min	-8.8213	-48.4386	509-1	1.
509	0.	SLV_Ex		-16.1928	686.2552	509-1	0.
509	0.5	SLV_Ex		-19.2691	656.4162	509-1	0.5
509	1.	SLV_Ex		-22.3454	626.5772	509-1	1.
510	0.	SLU_ENV	Max	10.2051	-27.2735	510-1	0.
510	0.5	SLU_ENV	Max	7.7714	-41.9789	510-1	0.5
510	1.	SLU_ENV	Max	5.3377	-56.6843	510-1	1.
510	0.	SLU_ENV	Min	-8.8213	-48.4386	510-1	0.
510	0.5	SLU_ENV	Min	-11.5813	-74.5729	510-1	0.5
510	1.	SLU_ENV	Min	-14.3413	-100.7072	510-1	1.
510	0.	SLV_Ex		-22.3454	626.5772	510-1	0.
510	0.5	SLV_Ex		-25.9173	545.2766	510-1	0.5
510	1.	SLV_Ex		-29.4891	463.976	510-1	1.
511	0.	SLU_ENV	Max	5.3377	-56.6843	511-1	0.
511	0.5	SLU_ENV	Max	1.3216	-76.3015	511-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
511	1.	SLU_ENV	Max	-1.6608	-95.9188	511-1	1.
511	0.	SLU_ENV	Min	-14.3413	-100.7072	511-1	0.
511	0.5	SLU_ENV	Min	-17.8296	-135.5725	511-1	0.5
511	1.	SLU_ENV	Min	-22.3516	-170.4378	511-1	1.
511	0.	SLV_Ex		-29.4891	463.976	511-1	0.
511	0.5	SLV_Ex		-33.4323	314.8821	511-1	0.5
511	1.	SLV_Ex		-37.3754	165.7883	511-1	1.
512	0.	SLU_ENV	Max	-1.6608	-95.9188	512-1	0.
512	0.5	SLU_ENV	Max	-4.2845	-115.536	512-1	0.5
512	1.	SLU_ENV	Max	-6.9083	-135.1532	512-1	1.
512	0.	SLU_ENV	Min	-22.3516	-170.4378	512-1	0.
512	0.5	SLU_ENV	Min	-27.2322	-205.3031	512-1	0.5
512	1.	SLU_ENV	Min	-32.1128	-240.1684	512-1	1.
512	0.	SLV_Ex		-37.3754	165.7883	512-1	0.
512	0.5	SLV_Ex		-41.3185	18.0885	512-1	0.5
512	1.	SLV_Ex		-45.2616	-126.8231	512-1	1.
513	0.	SLU_ENV	Max	-6.9083	-135.1532	513-1	0.
513	0.5	SLU_ENV	Max	-9.532	-154.7705	513-1	0.5
513	1.	SLU_ENV	Max	-12.1558	-174.3877	513-1	1.
513	0.	SLU_ENV	Min	-32.1128	-240.1684	513-1	0.
513	0.5	SLU_ENV	Min	-36.9934	-275.0337	513-1	0.5
513	1.	SLU_ENV	Min	-41.8741	-309.899	513-1	1.
513	0.	SLV_Ex		-45.2616	-126.8231	513-1	0.
513	0.5	SLV_Ex		-49.2048	-268.9466	513-1	0.5
513	1.	SLV_Ex		-53.1479	-408.2818	513-1	1.
514	0.	SLU_ENV	Max	-12.1558	-174.3877	514-1	0.
514	0.5	SLU_ENV	Max	-14.7796	-194.005	514-1	0.5
514	1.	SLU_ENV	Max	-17.4033	-213.6222	514-1	1.
514	0.	SLU_ENV	Min	-41.8741	-309.899	514-1	0.
514	0.5	SLU_ENV	Min	-46.7547	-344.7643	514-1	0.5
514	1.	SLU_ENV	Min	-51.6353	-379.6296	514-1	1.
514	0.	SLV_Ex		-53.1479	-408.2818	514-1	0.
514	0.5	SLV_Ex		-57.091	-544.829	514-1	0.5
514	1.	SLV_Ex		-61.0341	-678.5879	514-1	1.
515	0.	SLU_ENV	Max	-17.4033	-213.6222	515-1	0.
515	0.5	SLU_ENV	Max	-20.0271	-233.2394	515-1	0.5
515	1.	SLU_ENV	Max	-22.6508	-252.8567	515-1	1.
515	0.	SLU_ENV	Min	-51.6353	-379.6296	515-1	0.
515	0.5	SLU_ENV	Min	-56.5159	-414.4949	515-1	0.5
515	1.	SLU_ENV	Min	-61.3966	-449.3602	515-1	1.
515	0.	SLV_Ex		-61.0341	-678.5879	515-1	0.
515	0.5	SLV_Ex		-64.9772	-809.5587	515-1	0.5
515	1.	SLV_Ex		-68.9204	-937.7413	515-1	1.
516	0.	SLU_ENV	Max	-22.6508	-252.8567	516-1	0.
516	0.5	SLU_ENV	Max	-25.2746	-272.4693	516-1	0.5
516	1.	SLU_ENV	Max	-27.8983	-292.0822	516-1	1.
516	0.	SLU_ENV	Min	-61.3966	-449.3602	516-1	0.
516	0.5	SLU_ENV	Min	-66.2772	-484.2187	516-1	0.5
516	1.	SLU_ENV	Min	-71.1578	-519.0775	516-1	1.
516	0.	SLV_Ex		-68.9204	-937.7413	516-1	0.
516	0.5	SLV_Ex		-72.8635	-1063.129	516-1	0.5
516	1.	SLV_Ex		-76.8066	-1185.7287	516-1	1.
517	0.	SLU_ENV	Max	6.040E-15	-1.421E-14	517-1	0.
517	0.5	SLU_ENV	Max	0.007	-0.5246	517-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
517	1.	SLU_ENV	Max	0.0139	-1.0493	517-1	1.
517	0.	SLU_ENV	Min	-4.197E-15	-1.918E-14	517-1	0.
517	0.5	SLU_ENV	Min	-0.2804	-1.3998	517-1	0.5
517	1.	SLU_ENV	Min	-0.5609	-2.7996	517-1	1.
517	0.	SLV_Ex		-3.109E-15	8.953E-13	517-1	0.
517	0.5	SLV_Ex		1.2749	19.7833	517-1	0.5
517	1.	SLV_Ex		2.5498	39.5665	517-1	1.
522	0.	SLU_ENV	Max	0.0139	-1.0493	522-1	0.
522	0.5	SLU_ENV	Max	0.1195	-1.3315	522-1	0.5
522	1.	SLU_ENV	Max	0.2251	-1.6137	522-1	1.
522	0.	SLU_ENV	Min	-0.5609	-2.7996	522-1	0.
522	0.5	SLU_ENV	Min	-0.9949	-3.5616	522-1	0.5
522	1.	SLU_ENV	Min	-1.429	-4.3236	522-1	1.
522	0.	SLV_Ex		2.5498	39.5665	522-1	0.
522	0.5	SLV_Ex		4.6699	71.3545	522-1	0.5
522	1.	SLV_Ex		6.79	103.1424	522-1	1.
523	0.	SLU_ENV	Max	0.2251	-1.6137	523-1	0.
523	0.5	SLU_ENV	Max	0.5208	-0.8784	523-1	0.5
523	1.	SLU_ENV	Max	0.8165	-0.1431	523-1	1.
523	0.	SLU_ENV	Min	-1.429	-4.3236	523-1	0.
523	0.5	SLU_ENV	Min	-1.8853	-2.3887	523-1	0.5
523	1.	SLU_ENV	Min	-2.3416	-0.4537	523-1	1.
523	0.	SLV_Ex		6.79	103.1424	523-1	0.
523	0.5	SLV_Ex		9.3046	138.832	523-1	0.5
523	1.	SLV_Ex		11.8193	174.5217	523-1	1.
524	0.	SLU_ENV	Max	0.8165	-0.1431	524-1	0.
524	0.5	SLU_ENV	Max	1.3918	6.2689	524-1	0.5
524	1.	SLU_ENV	Max	1.9671	12.9915	524-1	1.
524	0.	SLU_ENV	Min	-2.3416	-0.4537	524-1	0.
524	0.5	SLU_ENV	Min	-2.6774	2.3966	524-1	0.5
524	1.	SLU_ENV	Min	-3.0133	4.9363	524-1	1.
524	0.	SLV_Ex		11.8193	174.5217	524-1	0.
524	0.5	SLV_Ex		14.2237	205.1908	524-1	0.5
524	1.	SLV_Ex		16.6282	235.86	524-1	1.
525	0.	SLU_ENV	Max	1.9671	12.9915	525-1	0.
525	0.5	SLU_ENV	Max	2.9049	26.5917	525-1	0.5
525	1.	SLU_ENV	Max	3.8426	40.1918	525-1	1.
525	0.	SLU_ENV	Min	-3.0133	4.9363	525-1	0.
525	0.5	SLU_ENV	Min	-3.0675	10.0667	525-1	0.5
525	1.	SLU_ENV	Min	-3.1217	15.1972	525-1	1.
525	0.	SLV_Ex		16.6282	235.86	525-1	0.
525	0.5	SLV_Ex		18.3245	251.2111	525-1	0.5
525	1.	SLV_Ex		20.0207	266.5621	525-1	1.
526	0.	SLU_ENV	Max	3.8426	40.1918	526-1	0.
526	0.5	SLU_ENV	Max	5.2097	62.65	526-1	0.5
526	1.	SLU_ENV	Max	6.5768	85.1082	526-1	1.
526	0.	SLU_ENV	Min	-3.1217	15.1972	526-1	0.
526	0.5	SLU_ENV	Min	-2.7097	23.6632	526-1	0.5
526	1.	SLU_ENV	Min	-2.2976	32.1292	526-1	1.
526	0.	SLV_Ex		20.0207	266.5621	526-1	0.
526	0.5	SLV_Ex		20.2798	254.4469	526-1	0.5
526	1.	SLV_Ex		20.5388	242.3317	526-1	1.
527	0.	SLU_ENV	Max	6.5768	85.1082	527-1	0.
527	0.5	SLU_ENV	Max	8.4093	118.0787	527-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2		M3	FrameElem	ElemStation
				KN-m		KN-m		m
527	1.	SLU_ENV	Max	10.2418	151.0492		527-1	1.
527	0.	SLU_ENV	Min	-2.2976	32.1292		527-1	0.
527	0.5	SLU_ENV	Min	-1.2103	44.5522		527-1	0.5
527	1.	SLU_ENV	Min	-0.1231	56.9753		527-1	1.
527	0.	SLV_Ex		20.5388	242.3317		527-1	0.
527	0.5	SLV_Ex		18.4749	188.5202		527-1	0.5
527	1.	SLV_Ex		16.411	134.7087		527-1	1.
528	0.	SLU_ENV	Max	10.2418	151.0492		528-1	0.
528	0.5	SLU_ENV	Max	12.5234	195.5034		528-1	0.5
528	1.	SLU_ENV	Max	14.805	239.9577		528-1	1.
528	0.	SLU_ENV	Min	-0.1231	56.9753		528-1	0.
528	0.5	SLU_ENV	Min	1.8658	73.719		528-1	0.5
528	1.	SLU_ENV	Min	3.8547	90.4628		528-1	1.
528	0.	SLV_Ex		16.411	134.7087		528-1	0.
528	0.5	SLV_Ex		10.978	23.0941		528-1	0.5
528	1.	SLV_Ex		5.545	-88.5206		528-1	1.
529	0.	SLU_ENV	Max	15.1901	3.059		529-1	0.
529	0.11716	SLU_ENV	Max	15.7322	13.4752		529-1	0.11716
529	0.11716	SLU_ENV	Max	15.7322	13.4752		529-2	0.
529	0.5	SLU_ENV	Max	17.5037	47.5132		529-2	0.38284
529	1.	SLU_ENV	Max	19.8172	91.9675		529-2	0.88284
529	0.	SLU_ENV	Min	4.5075	1.1674		529-1	0.
529	0.11716	SLU_ENV	Min	4.9862	5.0907		529-1	0.11716
529	0.11716	SLU_ENV	Min	4.9862	5.0907		529-2	0.
529	0.5	SLU_ENV	Min	6.5505	17.9112		529-2	0.38284
529	1.	SLU_ENV	Min	8.5936	34.6549		529-2	0.88284
529	0.	SLV_Ex		-0.381	64.6675		529-1	0.
529	0.11716	SLV_Ex		-1.7692	38.8764		529-1	0.11716
529	0.11716	SLV_Ex		-1.7692	38.8764		529-2	0.
529	0.5	SLV_Ex		-6.3055	-19.9316		529-2	0.38284
529	1.	SLV_Ex		-12.23	-95.1604		529-2	0.88284
530	0.	SLU_ENV	Max	19.8989	17.7243		530-1	0.
530	0.5	SLU_ENV	Max	22.2124	62.1785		530-1	0.5
530	1.	SLU_ENV	Max	24.526	106.6328		530-1	1.
530	0.	SLU_ENV	Min	8.732	6.6911		530-1	0.
530	0.5	SLU_ENV	Min	10.7751	23.4349		530-1	0.5
530	1.	SLU_ENV	Min	12.8181	40.1787		530-1	1.
530	0.	SLV_Ex		-13.4871	16.7737		530-1	0.
530	0.5	SLV_Ex		-19.4116	-41.8174		530-1	0.5
530	1.	SLV_Ex		-25.336	-98.624		530-1	1.
531	0.	SLU_ENV	Max	24.6077	32.3896		531-1	0.
531	0.5	SLU_ENV	Max	26.9212	76.8439		531-1	0.5
531	1.	SLU_ENV	Max	29.2347	121.2981		531-1	1.
531	0.	SLU_ENV	Min	12.9566	12.2149		531-1	0.
531	0.5	SLU_ENV	Min	14.9996	28.9586		531-1	0.5
531	1.	SLU_ENV	Min	17.0427	45.7024		531-1	1.
531	0.	SLV_Ex		-26.5932	-18.7585		531-1	0.
531	0.5	SLV_Ex		-32.5176	-57.5933		531-1	0.5
531	1.	SLV_Ex		-38.4421	-94.6436		531-1	1.
534	0.	SLU_ENV	Max	-3.553E-15	-1.421E-14		534-1	0.
534	0.5	SLU_ENV	Max	-0.0452	-0.5338		534-1	0.5
534	1.	SLU_ENV	Max	-0.0905	-1.0677		534-1	1.
534	0.	SLU_ENV	Min	-4.796E-15	-5.995E-14		534-1	0.
534	0.5	SLU_ENV	Min	-0.3634	-1.4208		534-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
534	1.	SLU_ENV	Min	-0.7268	-2.8416	534-1	1.
534	0.	SLV_Ex		-3.553E-15	-9.255E-13	534-1	0.
534	0.5	SLV_Ex		1.3527	19.6667	534-1	0.5
534	1.	SLV_Ex		2.7054	39.3335	534-1	1.
539	0.	SLU_ENV	Max	-0.0905	-1.0677	539-1	0.
539	0.5	SLU_ENV	Max	-0.0659	-1.3281	539-1	0.5
539	1.	SLU_ENV	Max	-0.0413	-1.5886	539-1	1.
539	0.	SLU_ENV	Min	-0.7268	-2.8416	539-1	0.
539	0.5	SLU_ENV	Min	-1.2066	-3.5444	539-1	0.5
539	1.	SLU_ENV	Min	-1.6865	-4.2472	539-1	1.
539	0.	SLV_Ex		2.7054	39.3335	539-1	0.
539	0.5	SLV_Ex		4.8953	70.9842	539-1	0.5
539	1.	SLV_Ex		7.0852	102.6349	539-1	1.
540	0.	SLU_ENV	Max	-0.0413	-1.5886	540-1	0.
540	0.5	SLU_ENV	Max	0.2371	-0.7604	540-1	0.5
540	1.	SLU_ENV	Max	0.5511	0.1046	540-1	1.
540	0.	SLU_ENV	Min	-1.6865	-4.2472	540-1	0.
540	0.5	SLU_ENV	Min	-2.0982	-2.0713	540-1	0.5
540	1.	SLU_ENV	Min	-2.5456	0.0679	540-1	1.
540	0.	SLV_Ex		7.0852	102.6349	540-1	0.
540	0.5	SLV_Ex		9.5745	138.2644	540-1	0.5
540	1.	SLV_Ex		12.0639	173.894	540-1	1.
541	0.	SLU_ENV	Max	0.5511	0.1046	541-1	0.
541	0.5	SLU_ENV	Max	1.3233	7.3507	541-1	0.5
541	1.	SLU_ENV	Max	2.0955	14.5967	541-1	1.
541	0.	SLU_ENV	Min	-2.5456	0.0679	541-1	0.
541	0.5	SLU_ENV	Min	-2.7474	2.8117	541-1	0.5
541	1.	SLU_ENV	Min	-2.9493	5.5556	541-1	1.
541	0.	SLV_Ex		12.0639	173.894	541-1	0.
541	0.5	SLV_Ex		14.2587	204.6817	541-1	0.5
541	1.	SLV_Ex		16.4535	235.4694	541-1	1.
542	0.	SLU_ENV	Max	2.0955	14.5967	542-1	0.
542	0.5	SLU_ENV	Max	3.4983	29.0988	542-1	0.5
542	1.	SLU_ENV	Max	4.901	43.6008	542-1	1.
542	0.	SLU_ENV	Min	-2.9493	5.5556	542-1	0.
542	0.5	SLU_ENV	Min	-2.6809	11.0395	542-1	0.5
542	1.	SLU_ENV	Min	-2.4125	16.5235	542-1	1.
542	0.	SLV_Ex		16.4535	235.4694	542-1	0.
542	0.5	SLV_Ex		17.6646	251.2243	542-1	0.5
542	1.	SLV_Ex		18.8757	266.9792	542-1	1.
543	0.	SLU_ENV	Max	4.901	43.6008	543-1	0.
543	0.5	SLU_ENV	Max	7.0894	67.4224	543-1	0.5
543	1.	SLU_ENV	Max	9.2777	91.244	543-1	1.
543	0.	SLU_ENV	Min	-2.4125	16.5235	543-1	0.
543	0.5	SLU_ENV	Min	-1.4264	25.5257	543-1	0.5
543	1.	SLU_ENV	Min	-0.4403	34.5278	543-1	1.
543	0.	SLV_Ex		18.8757	266.9792	543-1	0.
543	0.5	SLV_Ex		18.2848	255.6623	543-1	0.5
543	1.	SLV_Ex		17.6939	244.3454	543-1	1.
544	0.	SLU_ENV	Max	9.2777	91.244	544-1	0.
544	0.5	SLU_ENV	Max	12.3674	126.095	544-1	0.5
544	1.	SLU_ENV	Max	15.4571	160.946	544-1	1.
544	0.	SLU_ENV	Min	-0.4403	34.5278	544-1	0.
544	0.5	SLU_ENV	Min	1.5296	47.6921	544-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
544	1.	SLU_ENV	Min	3.4994	60.8563	544-1	1.
544	0.	SLV_Ex		17.6939	244.3454	544-1	0.
544	0.5	SLV_Ex		14.3351	191.8322	544-1	0.5
544	1.	SLV_Ex		10.9764	139.3191	544-1	1.
545	0.	SLU_ENV	Max	15.4571	160.946	545-1	0.
545	0.5	SLU_ENV	Max	19.4895	207.8043	545-1	0.5
545	1.	SLU_ENV	Max	23.5219	254.6627	545-1	1.
545	0.	SLU_ENV	Min	3.4994	60.8563	545-1	0.
545	0.5	SLU_ENV	Min	6.7214	78.5498	545-1	0.5
545	1.	SLU_ENV	Min	9.9434	96.2432	545-1	1.
545	0.	SLV_Ex		10.9764	139.3191	545-1	0.
545	0.5	SLV_Ex		3.7465	29.5921	545-1	0.5
545	1.	SLV_Ex		-3.4834	-80.1348	545-1	1.
546	0.	SLU_ENV	Max	23.6696	3.5444	546-1	0.
546	0.5	SLU_ENV	Max	27.7143	50.4027	546-1	0.5
546	1.	SLU_ENV	Max	31.7589	97.261	546-1	1.
546	0.	SLU_ENV	Min	10.2449	1.3539	546-1	0.
546	0.5	SLU_ENV	Min	13.4919	19.0473	546-1	0.5
546	1.	SLU_ENV	Min	16.7389	36.7408	546-1	1.
546	0.	SLV_Ex		-9.0329	72.7625	546-1	0.
546	0.5	SLV_Ex		-16.723	-19.8847	546-1	0.5
546	1.	SLV_Ex		-24.4131	-110.7476	546-1	1.
547	0.	SLU_ENV	Max	31.7903	19.0028	547-1	0.
547	0.5	SLU_ENV	Max	35.8349	65.8611	547-1	0.5
547	1.	SLU_ENV	Max	39.8795	112.7195	547-1	1.
547	0.	SLU_ENV	Min	16.8028	7.1909	547-1	0.
547	0.5	SLU_ENV	Min	20.0498	24.8843	547-1	0.5
547	1.	SLU_ENV	Min	23.2968	42.5778	547-1	1.
547	0.	SLV_Ex		-25.5903	25.9952	547-1	0.
547	0.5	SLV_Ex		-33.2804	-46.8957	547-1	0.5
547	1.	SLV_Ex		-40.9705	-118.0021	547-1	1.
548	0.	SLU_ENV	Max	39.9109	34.4612	548-1	0.
548	0.5	SLU_ENV	Max	43.9555	81.3196	548-1	0.5
548	1.	SLU_ENV	Max	48.0002	128.1779	548-1	1.
548	0.	SLU_ENV	Min	23.3608	13.0279	548-1	0.
548	0.5	SLU_ENV	Min	26.6078	30.7213	548-1	0.5
548	1.	SLU_ENV	Min	29.8548	48.4148	548-1	1.
548	0.	SLV_Ex		-42.1478	-14.2545	548-1	0.
548	0.5	SLV_Ex		-49.8379	-67.389	548-1	0.5
548	1.	SLV_Ex		-57.528	-118.7391	548-1	1.
551	0.	SLU_ENV	Max	0.	-2.132E-15	551-1	0.
551	0.5	SLU_ENV	Max	-0.0251	-0.5218	551-1	0.5
551	1.	SLU_ENV	Max	-0.0501	-1.0436	551-1	1.
551	0.	SLU_ENV	Min	-2.998E-16	-2.638E-14	551-1	0.
551	0.5	SLU_ENV	Min	-0.346	-1.3871	551-1	0.5
551	1.	SLU_ENV	Min	-0.6921	-2.7742	551-1	1.
551	0.	SLV_Ex		-2.220E-16	8.900E-13	551-1	0.
551	0.5	SLV_Ex		1.3038	19.5301	551-1	0.5
551	1.	SLV_Ex		2.6076	39.0601	551-1	1.
556	0.	SLU_ENV	Max	-0.0501	-1.0436	556-1	0.
556	0.5	SLU_ENV	Max	-0.0091	-1.3197	556-1	0.5
556	1.	SLU_ENV	Max	0.0361	-1.5958	556-1	1.
556	0.	SLU_ENV	Min	-0.6921	-2.7742	556-1	0.
556	0.5	SLU_ENV	Min	-1.1603	-3.5144	556-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
556	1.	SLU_ENV	Min	-1.6327	-4.2545	556-1	1.
556	0.	SLV_Ex		2.6076	39.0601	556-1	0.
556	0.5	SLV_Ex		4.7538	70.6012	556-1	0.5
556	1.	SLV_Ex		6.8999	102.1424	556-1	1.
557	0.	SLU_ENV	Max	0.0361	-1.5958	557-1	0.
557	0.5	SLU_ENV	Max	0.3326	-0.8506	557-1	0.5
557	1.	SLU_ENV	Max	0.6291	-0.1055	557-1	1.
557	0.	SLU_ENV	Min	-1.6327	-4.2545	557-1	0.
557	0.5	SLU_ENV	Min	-2.0918	-2.2923	557-1	0.5
557	1.	SLU_ENV	Min	-2.5508	-0.3301	557-1	1.
557	0.	SLV_Ex		6.8999	102.1424	557-1	0.
557	0.5	SLV_Ex		9.4054	137.8553	557-1	0.5
557	1.	SLV_Ex		11.9108	173.5683	557-1	1.
558	0.	SLU_ENV	Max	0.6291	-0.1055	558-1	0.
558	0.5	SLU_ENV	Max	1.3027	6.4209	558-1	0.5
558	1.	SLU_ENV	Max	1.9764	13.172	558-1	1.
558	0.	SLU_ENV	Min	-2.5508	-0.3301	558-1	0.
558	0.5	SLU_ENV	Min	-2.7892	2.4481	558-1	0.5
558	1.	SLU_ENV	Min	-3.0275	5.0017	558-1	1.
558	0.	SLV_Ex		11.9108	173.5683	558-1	0.
558	0.5	SLV_Ex		14.2378	204.8022	558-1	0.5
558	1.	SLV_Ex		16.5648	236.0361	558-1	1.
559	0.	SLU_ENV	Max	1.9764	13.172	559-1	0.
559	0.5	SLU_ENV	Max	3.1609	26.7964	559-1	0.5
559	1.	SLU_ENV	Max	4.3454	40.4209	559-1	1.
559	0.	SLU_ENV	Min	-3.0275	5.0017	559-1	0.
559	0.5	SLU_ENV	Min	-2.8309	10.15	559-1	0.5
559	1.	SLU_ENV	Min	-2.6344	15.2983	559-1	1.
559	0.	SLV_Ex		16.5648	236.0361	559-1	0.
559	0.5	SLV_Ex		18.0815	252.7716	559-1	0.5
559	1.	SLV_Ex		19.5982	269.5071	559-1	1.
560	0.	SLU_ENV	Max	4.3454	40.4209	560-1	0.
560	0.5	SLU_ENV	Max	6.1583	62.8926	560-1	0.5
560	1.	SLU_ENV	Max	7.9711	85.3643	560-1	1.
560	0.	SLU_ENV	Min	-2.6344	15.2983	560-1	0.
560	0.5	SLU_ENV	Min	-1.7652	23.7855	560-1	0.5
560	1.	SLU_ENV	Min	-0.896	32.2728	560-1	1.
560	0.	SLV_Ex		19.5982	269.5071	560-1	0.
560	0.5	SLV_Ex		19.5424	259.8723	560-1	0.5
560	1.	SLV_Ex		19.4866	250.2375	560-1	1.
561	0.	SLU_ENV	Max	7.9711	85.3643	561-1	0.
561	0.5	SLU_ENV	Max	10.495	118.3291	561-1	0.5
561	1.	SLU_ENV	Max	13.0188	151.2938	561-1	1.
561	0.	SLU_ENV	Min	-0.896	32.2728	561-1	0.
561	0.5	SLU_ENV	Min	0.9037	44.7192	561-1	0.5
561	1.	SLU_ENV	Min	2.7033	57.1657	561-1	1.
561	0.	SLV_Ex		19.4866	250.2375	561-1	0.
561	0.5	SLV_Ex		16.9428	200.2541	561-1	0.5
561	1.	SLV_Ex		14.399	150.2707	561-1	1.
562	0.	SLU_ENV	Max	13.0188	151.2938	562-1	0.
562	0.5	SLU_ENV	Max	16.2725	195.7125	562-1	0.5
562	1.	SLU_ENV	Max	19.5262	240.1312	562-1	1.
562	0.	SLU_ENV	Min	2.7033	57.1657	562-1	0.
562	0.5	SLU_ENV	Min	5.6976	73.9324	562-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
562	1.	SLU_ENV	Min	8.6919	90.6991	562-1	1.
562	0.	SLV_Ex		14.399	150.2707	562-1	0.
562	0.5	SLV_Ex		8.2999	44.02	562-1	0.5
562	1.	SLV_Ex		2.2008	-62.2307	562-1	1.
563	0.	SLU_ENV	Max	19.4076	3.1242	563-1	0.
563	0.5	SLU_ENV	Max	22.6514	47.5429	563-1	0.5
563	1.	SLU_ENV	Max	25.8953	91.9616	563-1	1.
563	0.	SLU_ENV	Min	8.6288	1.1898	563-1	0.
563	0.5	SLU_ENV	Min	11.6179	17.9565	563-1	0.5
563	1.	SLU_ENV	Min	14.6069	34.7232	563-1	1.
563	0.	SLV_Ex		-2.9013	72.8425	563-1	0.
563	0.5	SLV_Ex		-9.4235	-16.3285	563-1	0.5
563	1.	SLV_Ex		-15.9458	-103.7151	563-1	1.
564	0.	SLU_ENV	Max	25.8701	17.7778	564-1	0.
564	0.5	SLU_ENV	Max	29.114	62.1965	564-1	0.5
564	1.	SLU_ENV	Max	32.3578	106.6151	564-1	1.
564	0.	SLU_ENV	Min	14.5936	6.7211	564-1	0.
564	0.5	SLU_ENV	Min	17.5826	23.4878	564-1	0.5
564	1.	SLU_ENV	Min	20.5717	40.2545	564-1	1.
564	0.	SLV_Ex		-17.0282	27.222	564-1	0.
564	0.5	SLV_Ex		-23.5504	-42.1927	564-1	0.5
564	1.	SLV_Ex		-30.0726	-109.8229	564-1	1.
565	0.	SLU_ENV	Max	32.3327	32.4314	565-1	0.
565	0.5	SLU_ENV	Max	35.6913	76.8501	565-1	0.5
565	1.	SLU_ENV	Max	39.7916	121.2687	565-1	1.
565	0.	SLU_ENV	Min	20.5583	12.2524	565-1	0.
565	0.5	SLU_ENV	Min	23.4325	29.0191	565-1	0.5
565	1.	SLU_ENV	Min	25.5651	45.7858	565-1	1.
565	0.	SLV_Ex		-31.155	-11.8809	565-1	0.
565	0.5	SLV_Ex		-37.6773	-61.5392	565-1	0.5
565	1.	SLV_Ex		-44.1995	-109.4131	565-1	1.
568	0.	SLU_ENV	Max	1.948E-14	2.158E-14	568-1	0.
568	0.5	SLU_ENV	Max	0.0017	-0.5246	568-1	0.5
568	1.	SLU_ENV	Max	0.0034	-1.0493	568-1	1.
568	0.	SLU_ENV	Min	0.	-1.457E-14	568-1	0.
568	0.5	SLU_ENV	Min	-0.2958	-1.3998	568-1	0.5
568	1.	SLU_ENV	Min	-0.5917	-2.7996	568-1	1.
568	0.	SLV_Ex		-5.662E-14	1.599E-14	568-1	0.
568	0.5	SLV_Ex		1.3928	19.7833	568-1	0.5
568	1.	SLV_Ex		2.7856	39.5665	568-1	1.
573	0.	SLU_ENV	Max	0.0034	-1.0493	573-1	0.
573	0.5	SLU_ENV	Max	0.096	-1.3315	573-1	0.5
573	1.	SLU_ENV	Max	0.1934	-1.6137	573-1	1.
573	0.	SLU_ENV	Min	-0.5917	-2.7996	573-1	0.
573	0.5	SLU_ENV	Min	-1.0347	-3.5616	573-1	0.5
573	1.	SLU_ENV	Min	-1.4826	-4.3236	573-1	1.
573	0.	SLV_Ex		2.7856	39.5665	573-1	0.
573	0.5	SLV_Ex		5.0311	71.3545	573-1	0.5
573	1.	SLV_Ex		7.2766	103.1424	573-1	1.
574	0.	SLU_ENV	Max	0.1934	-1.6137	574-1	0.
574	0.5	SLU_ENV	Max	0.4878	-0.8784	574-1	0.5
574	1.	SLU_ENV	Max	0.7822	-0.1431	574-1	1.
574	0.	SLU_ENV	Min	-1.4826	-4.3236	574-1	0.
574	0.5	SLU_ENV	Min	-1.9412	-2.3887	574-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
574	1.	SLU_ENV	Min	-2.3998	-0.4537	574-1	1.
574	0.	SLV_Ex		7.2766	103.1424	574-1	0.
574	0.5	SLV_Ex		9.8118	138.832	574-1	0.5
574	1.	SLV_Ex		12.347	174.5217	574-1	1.
575	0.	SLU_ENV	Max	0.7822	-0.1431	575-1	0.
575	0.5	SLU_ENV	Max	1.3705	6.2689	575-1	0.5
575	1.	SLU_ENV	Max	1.9589	12.9915	575-1	1.
575	0.	SLU_ENV	Min	-2.3998	-0.4537	575-1	0.
575	0.5	SLU_ENV	Min	-2.7135	2.3966	575-1	0.5
575	1.	SLU_ENV	Min	-3.0273	4.9363	575-1	1.
575	0.	SLV_Ex		12.347	174.5217	575-1	0.
575	0.5	SLV_Ex		14.5512	205.1908	575-1	0.5
575	1.	SLV_Ex		16.7554	235.86	575-1	1.
576	0.	SLU_ENV	Max	1.9589	12.9915	576-1	0.
576	0.5	SLU_ENV	Max	2.9318	26.5917	576-1	0.5
576	1.	SLU_ENV	Max	3.9047	40.1918	576-1	1.
576	0.	SLU_ENV	Min	-3.0273	4.9363	576-1	0.
576	0.5	SLU_ENV	Min	-3.0219	10.0667	576-1	0.5
576	1.	SLU_ENV	Min	-3.0165	15.1972	576-1	1.
576	0.	SLV_Ex		16.7554	235.86	576-1	0.
576	0.5	SLV_Ex		17.9105	251.2111	576-1	0.5
576	1.	SLV_Ex		19.0656	266.5621	576-1	1.
577	0.	SLU_ENV	Max	3.9047	40.1918	577-1	0.
577	0.5	SLU_ENV	Max	5.337	62.65	577-1	0.5
577	1.	SLU_ENV	Max	6.7692	85.1082	577-1	1.
577	0.	SLU_ENV	Min	-3.0165	15.1972	577-1	0.
577	0.5	SLU_ENV	Min	-2.494	23.6632	577-1	0.5
577	1.	SLU_ENV	Min	-1.9715	32.1292	577-1	1.
577	0.	SLV_Ex		19.0656	266.5621	577-1	0.
577	0.5	SLV_Ex		18.3219	254.4469	577-1	0.5
577	1.	SLV_Ex		17.5782	242.3317	577-1	1.
578	0.	SLU_ENV	Max	6.7692	85.1082	578-1	0.
578	0.5	SLU_ENV	Max	8.7042	118.0787	578-1	0.5
578	1.	SLU_ENV	Max	10.6392	151.0492	578-1	1.
578	0.	SLU_ENV	Min	-1.9715	32.1292	578-1	0.
578	0.5	SLU_ENV	Min	-0.7105	44.5522	578-1	0.5
578	1.	SLU_ENV	Min	0.5504	56.9753	578-1	1.
578	0.	SLV_Ex		17.5782	242.3317	578-1	0.
578	0.5	SLV_Ex		13.9373	188.5202	578-1	0.5
578	1.	SLV_Ex		10.2963	134.7087	578-1	1.
579	0.	SLU_ENV	Max	10.6392	151.0492	579-1	0.
579	0.5	SLU_ENV	Max	13.0664	195.5034	579-1	0.5
579	1.	SLU_ENV	Max	15.4936	239.9577	579-1	1.
579	0.	SLU_ENV	Min	0.5504	56.9753	579-1	0.
579	0.5	SLU_ENV	Min	2.7861	73.719	579-1	0.5
579	1.	SLU_ENV	Min	5.0217	90.4628	579-1	1.
579	0.	SLV_Ex		10.2963	134.7087	579-1	0.
579	0.5	SLV_Ex		2.6232	23.0941	579-1	0.5
579	1.	SLV_Ex		-5.0499	-88.5206	579-1	1.
580	0.	SLU_ENV	Max	15.1084	3.059	580-1	0.
580	0.5	SLU_ENV	Max	17.5037	47.5132	580-1	0.5
580	1.	SLU_ENV	Max	19.8989	91.9675	580-1	1.
580	0.	SLU_ENV	Min	4.369	1.1674	580-1	0.
580	0.5	SLU_ENV	Min	6.5505	17.9112	580-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
580	1.	SLU_ENV	Min	8.732	34.6549	580-1	1.
580	0.	SLV_Ex		0.8761	60.1944	580-1	0.
580	0.5	SLV_Ex		-6.3055	-19.4873	580-1	0.5
580	1.	SLV_Ex		-13.4871	-97.3845	580-1	1.
581	0.	SLU_ENV	Max	19.8172	17.7243	581-1	0.
581	0.5	SLU_ENV	Max	22.2124	62.1785	581-1	0.5
581	1.	SLU_ENV	Max	24.6077	106.6328	581-1	1.
581	0.	SLU_ENV	Min	8.5936	6.6911	581-1	0.
581	0.5	SLU_ENV	Min	10.7751	23.4349	581-1	0.5
581	1.	SLU_ENV	Min	12.9566	40.1787	581-1	1.
581	0.	SLV_Ex		-12.23	16.7737	581-1	0.
581	0.5	SLV_Ex		-19.4116	-41.8174	581-1	0.5
581	1.	SLV_Ex		-26.5932	-98.624	581-1	1.
582	0.	SLU_ENV	Max	24.526	32.3896	582-1	0.
582	0.5	SLU_ENV	Max	26.9212	76.8439	582-1	0.5
582	1.	SLU_ENV	Max	29.3164	121.2981	582-1	1.
582	0.	SLU_ENV	Min	12.8181	12.2149	582-1	0.
582	0.5	SLU_ENV	Min	14.9996	28.9586	582-1	0.5
582	1.	SLU_ENV	Min	17.1811	45.7024	582-1	1.
582	0.	SLV_Ex		-25.336	-18.7585	582-1	0.
582	0.5	SLV_Ex		-32.5176	-57.5933	582-1	0.5
582	1.	SLV_Ex		-39.6993	-94.6436	582-1	1.
583	0.	SLU_ENV	Max	6.040E-15	9.592E-15	583-1	0.
583	0.5	SLU_ENV	Max	-0.0471	-0.5338	583-1	0.5
583	1.	SLU_ENV	Max	-0.0942	-1.0677	583-1	1.
583	0.	SLU_ENV	Min	-5.096E-15	-1.208E-14	583-1	0.
583	0.5	SLU_ENV	Min	-0.3705	-1.4208	583-1	0.5
583	1.	SLU_ENV	Min	-0.7409	-2.8416	583-1	1.
583	0.	SLV_Ex		5.307E-14	7.105E-15	583-1	0.
583	0.5	SLV_Ex		1.4631	19.6667	583-1	0.5
583	1.	SLV_Ex		2.9263	39.3335	583-1	1.
588	0.	SLU_ENV	Max	-0.0942	-1.0677	588-1	0.
588	0.5	SLU_ENV	Max	-0.0716	-1.3281	588-1	0.5
588	1.	SLU_ENV	Max	-0.0489	-1.5886	588-1	1.
588	0.	SLU_ENV	Min	-0.7409	-2.8416	588-1	0.
588	0.5	SLU_ENV	Min	-1.2283	-3.5444	588-1	0.5
588	1.	SLU_ENV	Min	-1.7157	-4.2472	588-1	1.
588	0.	SLV_Ex		2.9263	39.3335	588-1	0.
588	0.5	SLV_Ex		5.2336	70.9842	588-1	0.5
588	1.	SLV_Ex		7.5409	102.6349	588-1	1.
589	0.	SLU_ENV	Max	-0.0489	-1.5886	589-1	0.
589	0.5	SLU_ENV	Max	0.2244	-0.7604	589-1	0.5
589	1.	SLU_ENV	Max	0.5379	0.1046	589-1	1.
589	0.	SLU_ENV	Min	-1.7157	-4.2472	589-1	0.
589	0.5	SLU_ENV	Min	-2.124	-2.0713	589-1	0.5
589	1.	SLU_ENV	Min	-2.5725	0.0679	589-1	1.
589	0.	SLV_Ex		7.5409	102.6349	589-1	0.
589	0.5	SLV_Ex		10.0495	138.2644	589-1	0.5
589	1.	SLV_Ex		12.5581	173.894	589-1	1.
590	0.	SLU_ENV	Max	0.5379	0.1046	590-1	0.
590	0.5	SLU_ENV	Max	1.3151	7.3507	590-1	0.5
590	1.	SLU_ENV	Max	2.0924	14.5967	590-1	1.
590	0.	SLU_ENV	Min	-2.5725	0.0679	590-1	0.
590	0.5	SLU_ENV	Min	-2.7641	2.8117	590-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
590	1.	SLU_ENV	Min	-2.9558	5.5556	590-1	1.
590	0.	SLV_Ex		12.5581	173.894	590-1	0.
590	0.5	SLV_Ex		14.5654	204.6817	590-1	0.5
590	1.	SLV_Ex		16.5726	235.4694	590-1	1.
591	0.	SLU_ENV	Max	2.0924	14.5967	591-1	0.
591	0.5	SLU_ENV	Max	3.5086	29.0988	591-1	0.5
591	1.	SLU_ENV	Max	4.9248	43.6008	591-1	1.
591	0.	SLU_ENV	Min	-2.9558	5.5556	591-1	0.
591	0.5	SLU_ENV	Min	-2.6598	11.0395	591-1	0.5
591	1.	SLU_ENV	Min	-2.3639	16.5235	591-1	1.
591	0.	SLV_Ex		16.5726	235.4694	591-1	0.
591	0.5	SLV_Ex		17.277	251.2243	591-1	0.5
591	1.	SLV_Ex		17.9813	266.9792	591-1	1.
592	0.	SLU_ENV	Max	4.9248	43.6008	592-1	0.
592	0.5	SLU_ENV	Max	7.1382	67.4224	592-1	0.5
592	1.	SLU_ENV	Max	9.3516	91.244	592-1	1.
592	0.	SLU_ENV	Min	-2.3639	16.5235	592-1	0.
592	0.5	SLU_ENV	Min	-1.3268	25.5257	592-1	0.5
592	1.	SLU_ENV	Min	-0.2896	34.5278	592-1	1.
592	0.	SLV_Ex		17.9813	266.9792	592-1	0.
592	0.5	SLV_Ex		16.4513	255.6623	592-1	0.5
592	1.	SLV_Ex		14.9214	244.3454	592-1	1.
593	0.	SLU_ENV	Max	9.3516	91.244	593-1	0.
593	0.5	SLU_ENV	Max	12.4806	126.095	593-1	0.5
593	1.	SLU_ENV	Max	15.6096	160.946	593-1	1.
593	0.	SLU_ENV	Min	-0.2896	34.5278	593-1	0.
593	0.5	SLU_ENV	Min	1.7604	47.6921	593-1	0.5
593	1.	SLU_ENV	Min	3.8105	60.8563	593-1	1.
593	0.	SLV_Ex		14.9214	244.3454	593-1	0.
593	0.5	SLV_Ex		10.0858	191.8322	593-1	0.5
593	1.	SLV_Ex		5.2501	139.3191	593-1	1.
594	0.	SLU_ENV	Max	15.6096	160.946	594-1	0.
594	0.5	SLU_ENV	Max	19.6978	207.8043	594-1	0.5
594	1.	SLU_ENV	Max	23.7861	254.6627	594-1	1.
594	0.	SLU_ENV	Min	3.8105	60.8563	594-1	0.
594	0.5	SLU_ENV	Min	7.1464	78.5498	594-1	0.5
594	1.	SLU_ENV	Min	10.4824	96.2432	594-1	1.
594	0.	SLV_Ex		5.2501	139.3191	594-1	0.
594	0.5	SLV_Ex		-4.0775	29.5921	594-1	0.5
594	1.	SLV_Ex		-13.4051	-80.1348	594-1	1.
595	0.	SLU_ENV	Max	23.6383	3.5444	595-1	0.
595	0.5	SLU_ENV	Max	27.7143	50.4027	595-1	0.5
595	1.	SLU_ENV	Max	31.7903	97.261	595-1	1.
595	0.	SLU_ENV	Min	10.1809	1.3539	595-1	0.
595	0.5	SLU_ENV	Min	13.4919	19.0473	595-1	0.5
595	1.	SLU_ENV	Min	16.8028	36.7408	595-1	1.
595	0.	SLV_Ex		-7.8556	72.7625	595-1	0.
595	0.5	SLV_Ex		-16.723	-19.8847	595-1	0.5
595	1.	SLV_Ex		-25.5903	-110.7476	595-1	1.
596	0.	SLU_ENV	Max	31.7589	19.0028	596-1	0.
596	0.5	SLU_ENV	Max	35.8349	65.8611	596-1	0.5
596	1.	SLU_ENV	Max	39.9109	112.7195	596-1	1.
596	0.	SLU_ENV	Min	16.7389	7.1909	596-1	0.
596	0.5	SLU_ENV	Min	20.0498	24.8843	596-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2		M3		FrameElem	ElemStation
				KN-m	KN-m	KN-m	KN-m		
596	1.	SLU_ENV	Min	23.3608	42.5778	596-1	1.		
596	0.	SLV_Ex		-24.4131	25.9952	596-1	0.		
596	0.5	SLV_Ex		-33.2804	-46.8957	596-1	0.5		
596	1.	SLV_Ex		-42.1478	-118.0021	596-1	1.		
597	0.	SLU_ENV	Max	39.8795	34.4612	597-1	0.		
597	0.5	SLU_ENV	Max	43.9555	81.3196	597-1	0.5		
597	1.	SLU_ENV	Max	48.0315	128.1779	597-1	1.		
597	0.	SLU_ENV	Min	23.2968	13.0279	597-1	0.		
597	0.5	SLU_ENV	Min	26.6078	30.7213	597-1	0.5		
597	1.	SLU_ENV	Min	29.9187	48.4148	597-1	1.		
597	0.	SLV_Ex		-40.9705	-14.2545	597-1	0.		
597	0.5	SLV_Ex		-49.8379	-67.389	597-1	0.5		
597	1.	SLV_Ex		-58.7052	-118.7391	597-1	1.		
598	0.	SLU_ENV	Max	0.	1.319E-14	598-1	0.		
598	0.5	SLU_ENV	Max	-0.0234	-0.5218	598-1	0.5		
598	1.	SLU_ENV	Max	-0.0469	-1.0436	598-1	1.		
598	0.	SLU_ENV	Min	-9.592E-15	7.105E-15	598-1	0.		
598	0.5	SLU_ENV	Min	-0.344	-1.3871	598-1	0.5		
598	1.	SLU_ENV	Min	-0.688	-2.7742	598-1	1.		
598	0.	SLV_Ex		5.684E-14	9.770E-15	598-1	0.		
598	0.5	SLV_Ex		1.4053	19.5301	598-1	0.5		
598	1.	SLV_Ex		2.8107	39.0601	598-1	1.		
603	0.	SLU_ENV	Max	-0.0469	-1.0436	603-1	0.		
603	0.5	SLU_ENV	Max	-0.0041	-1.3197	603-1	0.5		
603	1.	SLU_ENV	Max	0.0458	-1.5958	603-1	1.		
603	0.	SLU_ENV	Min	-0.688	-2.7742	603-1	0.		
603	0.5	SLU_ENV	Min	-1.1542	-3.5144	603-1	0.5		
603	1.	SLU_ENV	Min	-1.6275	-4.2545	603-1	1.		
603	0.	SLV_Ex		2.8107	39.0601	603-1	0.		
603	0.5	SLV_Ex		5.0648	70.6012	603-1	0.5		
603	1.	SLV_Ex		7.3189	102.1424	603-1	1.		
604	0.	SLU_ENV	Max	0.0458	-1.5958	604-1	0.		
604	0.5	SLU_ENV	Max	0.3427	-0.8506	604-1	0.5		
604	1.	SLU_ENV	Max	0.6396	-0.1055	604-1	1.		
604	0.	SLU_ENV	Min	-1.6275	-4.2545	604-1	0.		
604	0.5	SLU_ENV	Min	-2.0864	-2.2923	604-1	0.5		
604	1.	SLU_ENV	Min	-2.5452	-0.3301	604-1	1.		
604	0.	SLV_Ex		7.3189	102.1424	604-1	0.		
604	0.5	SLV_Ex		9.8421	137.8553	604-1	0.5		
604	1.	SLV_Ex		12.3653	173.5683	604-1	1.		
605	0.	SLU_ENV	Max	0.6396	-0.1055	605-1	0.		
605	0.5	SLU_ENV	Max	1.3093	6.4209	605-1	0.5		
605	1.	SLU_ENV	Max	1.979	13.172	605-1	1.		
605	0.	SLU_ENV	Min	-2.5452	-0.3301	605-1	0.		
605	0.5	SLU_ENV	Min	-2.7857	2.4481	605-1	0.5		
605	1.	SLU_ENV	Min	-3.0262	5.0017	605-1	1.		
605	0.	SLV_Ex		12.3653	173.5683	605-1	0.		
605	0.5	SLV_Ex		14.5198	204.8022	605-1	0.5		
605	1.	SLV_Ex		16.6744	236.0361	605-1	1.		
606	0.	SLU_ENV	Max	1.979	13.172	606-1	0.		
606	0.5	SLU_ENV	Max	3.1526	26.7964	606-1	0.5		
606	1.	SLU_ENV	Max	4.3263	40.4209	606-1	1.		
606	0.	SLU_ENV	Min	-3.0262	5.0017	606-1	0.		
606	0.5	SLU_ENV	Min	-2.8354	10.15	606-1	0.5		

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
606	1.	SLU_ENV	Min	-2.6446	15.2983	606-1	1.
606	0.	SLV_Ex		16.6744	236.0361	606-1	0.
606	0.5	SLV_Ex		17.7251	252.7716	606-1	0.5
606	1.	SLV_Ex		18.7758	269.5071	606-1	1.
607	0.	SLU_ENV	Max	4.3263	40.4209	607-1	0.
607	0.5	SLU_ENV	Max	6.1191	62.8926	607-1	0.5
607	1.	SLU_ENV	Max	7.9119	85.3643	607-1	1.
607	0.	SLU_ENV	Min	-2.6446	15.2983	607-1	0.
607	0.5	SLU_ENV	Min	-1.7861	23.7855	607-1	0.5
607	1.	SLU_ENV	Min	-0.9276	32.2728	607-1	1.
607	0.	SLV_Ex		18.7758	269.5071	607-1	0.
607	0.5	SLV_Ex		17.8567	259.8723	607-1	0.5
607	1.	SLV_Ex		16.9376	250.2375	607-1	1.
608	0.	SLU_ENV	Max	7.9119	85.3643	608-1	0.
608	0.5	SLU_ENV	Max	10.4041	118.3291	608-1	0.5
608	1.	SLU_ENV	Max	12.8964	151.2938	608-1	1.
608	0.	SLU_ENV	Min	-0.9276	32.2728	608-1	0.
608	0.5	SLU_ENV	Min	0.8553	44.7192	608-1	0.5
608	1.	SLU_ENV	Min	2.6382	57.1657	608-1	1.
608	0.	SLV_Ex		16.9376	250.2375	608-1	0.
608	0.5	SLV_Ex		13.036	200.2541	608-1	0.5
608	1.	SLV_Ex		9.1344	150.2707	608-1	1.
609	0.	SLU_ENV	Max	12.8964	151.2938	609-1	0.
609	0.5	SLU_ENV	Max	16.1053	195.7125	609-1	0.5
609	1.	SLU_ENV	Max	19.3141	240.1312	609-1	1.
609	0.	SLU_ENV	Min	2.6382	57.1657	609-1	0.
609	0.5	SLU_ENV	Min	5.6087	73.9324	609-1	0.5
609	1.	SLU_ENV	Min	8.5791	90.6991	609-1	1.
609	0.	SLV_Ex		9.1344	150.2707	609-1	0.
609	0.5	SLV_Ex		1.1067	44.02	609-1	0.5
609	1.	SLV_Ex		-6.9211	-62.2307	609-1	1.
610	0.	SLU_ENV	Max	19.4327	3.1242	610-1	0.
610	0.5	SLU_ENV	Max	22.6514	47.5429	610-1	0.5
610	1.	SLU_ENV	Max	25.8701	91.9616	610-1	1.
610	0.	SLU_ENV	Min	8.6422	1.1898	610-1	0.
610	0.5	SLU_ENV	Min	11.6179	17.9565	610-1	0.5
610	1.	SLU_ENV	Min	14.5936	34.7232	610-1	1.
610	0.	SLV_Ex		-1.8189	72.8425	610-1	0.
610	0.5	SLV_Ex		-9.4235	-16.3285	610-1	0.5
610	1.	SLV_Ex		-17.0282	-103.7151	610-1	1.
611	0.	SLU_ENV	Max	25.8953	17.7778	611-1	0.
611	0.5	SLU_ENV	Max	29.114	62.1965	611-1	0.5
611	1.	SLU_ENV	Max	32.3327	106.6151	611-1	1.
611	0.	SLU_ENV	Min	14.6069	6.7211	611-1	0.
611	0.5	SLU_ENV	Min	17.5826	23.4878	611-1	0.5
611	1.	SLU_ENV	Min	20.5583	40.2545	611-1	1.
611	0.	SLV_Ex		-15.9458	27.222	611-1	0.
611	0.5	SLV_Ex		-23.5504	-42.1927	611-1	0.5
611	1.	SLV_Ex		-31.155	-109.8229	611-1	1.
612	0.	SLU_ENV	Max	32.3578	32.4314	612-1	0.
612	0.5	SLU_ENV	Max	35.6913	76.8501	612-1	0.5
612	1.	SLU_ENV	Max	39.7702	121.2687	612-1	1.
612	0.	SLU_ENV	Min	20.5717	12.2524	612-1	0.
612	0.5	SLU_ENV	Min	23.4325	29.0191	612-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
612	1.	SLU_ENV	Min	25.548	45.7858	612-1	1.
612	0.	SLV_Ex		-30.0726	-11.8809	612-1	0.
612	0.5	SLV_Ex		-37.6773	-61.5392	612-1	0.5
612	1.	SLV_Ex		-45.2819	-109.4131	612-1	1.
613	0.	SLU_ENV	Max	5.995E-16	3.237E-14	613-1	0.
613	0.5	SLU_ENV	Max	0.0288	1.4291	613-1	0.5
613	1.	SLU_ENV	Max	0.0576	2.8581	613-1	1.
613	0.	SLU_ENV	Min	-9.592E-15	1.421E-14	613-1	0.
613	0.5	SLU_ENV	Min	-0.2646	0.54	613-1	0.5
613	1.	SLU_ENV	Min	-0.5292	1.08	613-1	1.
613	0.	SLV_Ex		5.729E-14	1.688E-14	613-1	0.
613	0.5	SLV_Ex		-1.4179	19.8729	613-1	0.5
613	1.	SLV_Ex		-2.8358	39.7459	613-1	1.
618	0.	SLU_ENV	Max	0.0576	2.8581	618-1	0.
618	0.5	SLU_ENV	Max	0.1943	3.6826	618-1	0.5
618	1.	SLU_ENV	Max	0.331	4.507	618-1	1.
618	0.	SLU_ENV	Min	-0.5292	1.08	618-1	0.
618	0.5	SLU_ENV	Min	-0.938	1.3952	618-1	0.5
618	1.	SLU_ENV	Min	-1.3469	1.7104	618-1	1.
618	0.	SLV_Ex		-2.8358	39.7459	618-1	0.
618	0.5	SLV_Ex		-4.9747	71.6919	618-1	0.5
618	1.	SLV_Ex		-7.1136	103.638	618-1	1.
619	0.	SLU_ENV	Max	0.331	4.507	619-1	0.
619	0.5	SLU_ENV	Max	0.6542	2.671	619-1	0.5
619	1.	SLU_ENV	Max	0.9774	0.835	619-1	1.
619	0.	SLU_ENV	Min	-1.3469	1.7104	619-1	0.
619	0.5	SLU_ENV	Min	-1.7754	1.0277	619-1	0.5
619	1.	SLU_ENV	Min	-2.2039	0.345	619-1	1.
619	0.	SLV_Ex		-7.1136	103.638	619-1	0.
619	0.5	SLV_Ex		-9.2534	139.5315	619-1	0.5
619	1.	SLV_Ex		-11.3933	175.4251	619-1	1.
620	0.	SLU_ENV	Max	0.9774	0.835	620-1	0.
620	0.5	SLU_ENV	Max	1.5629	-2.1214	620-1	0.5
620	1.	SLU_ENV	Max	2.1484	-4.5878	620-1	1.
620	0.	SLU_ENV	Min	-2.2039	0.345	620-1	0.
620	0.5	SLU_ENV	Min	-2.5167	-5.7503	620-1	0.5
620	1.	SLU_ENV	Min	-2.8295	-12.3357	620-1	1.
620	0.	SLV_Ex		-11.3933	175.4251	620-1	0.
620	0.5	SLV_Ex		-12.7578	206.3172	620-1	0.5
620	1.	SLV_Ex		-14.1223	237.2093	620-1	1.
621	0.	SLU_ENV	Max	2.1484	-4.5878	621-1	0.
621	0.5	SLU_ENV	Max	3.064	-9.6246	621-1	0.5
621	1.	SLU_ENV	Max	3.9796	-14.6614	621-1	1.
621	0.	SLU_ENV	Min	-2.8295	-12.3357	621-1	0.
621	0.5	SLU_ENV	Min	-2.8741	-25.7612	621-1	0.5
621	1.	SLU_ENV	Min	-2.9187	-39.1868	621-1	1.
621	0.	SLV_Ex		-14.1223	237.2093	621-1	0.
621	0.5	SLV_Ex		-13.8458	252.7687	621-1	0.5
621	1.	SLV_Ex		-13.5693	268.328	621-1	1.
622	0.	SLU_ENV	Max	3.9796	-14.6614	622-1	0.
622	0.5	SLU_ENV	Max	5.2758	-23.0166	622-1	0.5
622	1.	SLU_ENV	Max	6.572	-31.3717	622-1	1.
622	0.	SLU_ENV	Min	-2.9187	-39.1868	622-1	0.
622	0.5	SLU_ENV	Min	-2.5202	-61.4396	622-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M2		M3		FrameElem	ElemStation
					KN-m		KN-m		
	m								m
622	1.	SLU_ENV	Min		-2.1218		-83.6924	622-1	1.
622	0.	SLV_Ex			-13.5693		268.328	622-1	0.
622	0.5	SLV_Ex			-10.676		256.3618	622-1	0.5
622	1.	SLV_Ex			-7.7828		244.3957	622-1	1.
623	0.	SLU_ENV	Max		6.572		-31.3717	623-1	0.
623	0.5	SLU_ENV	Max		8.2675		-43.6743	623-1	0.5
623	1.	SLU_ENV	Max		9.9629		-55.9769	623-1	1.
623	0.	SLU_ENV	Min		-2.1218		-83.6924	623-1	0.
623	0.5	SLU_ENV	Min		-1.0829		-116.4411	623-1	0.5
623	1.	SLU_ENV	Min		-0.0441		-149.1898	623-1	1.
623	0.	SLV_Ex			-7.7828		244.3957	623-1	0.
623	0.5	SLV_Ex			-1.1922		190.6156	623-1	0.5
623	1.	SLV_Ex			5.3983		136.8355	623-1	1.
624	0.	SLU_ENV	Max		9.9629		-55.9769	624-1	0.
624	0.5	SLU_ENV	Max		12.024		-72.6039	624-1	0.5
624	1.	SLU_ENV	Max		14.085		-89.2309	624-1	1.
624	0.	SLU_ENV	Min		-0.0441		-149.1898	624-1	0.
624	0.5	SLU_ENV	Min		1.8488		-193.4312	624-1	0.5
624	1.	SLU_ENV	Min		3.7416		-237.6727	624-1	1.
624	0.	SLV_Ex			5.3983		136.8355	624-1	0.
624	0.5	SLV_Ex			16.8249		25.0601	624-1	0.5
624	1.	SLV_Ex			28.2514		-86.7153	624-1	1.
625	0.	SLU_ENV	Max		13.5488		-1.048	625-1	0.
625	0.11716	SLU_ENV	Max		14.0213		-4.9439	625-1	0.11716
625	0.11716	SLU_ENV	Max		14.0213		-4.9439	625-2	0.
625	0.5	SLU_ENV	Max		15.5654		-17.675	625-2	0.38284
625	1.	SLU_ENV	Max		17.5819		-34.3021	625-2	0.88284
625	0.	SLU_ENV	Min		2.9565		-2.834	625-1	0.
625	0.11716	SLU_ENV	Min		3.3847		-13.2003	625-1	0.11716
625	0.11716	SLU_ENV	Min		3.3847		-13.2003	625-2	0.
625	0.5	SLU_ENV	Min		4.7842		-47.0754	625-2	0.38284
625	1.	SLU_ENV	Min		6.6119		-91.3169	625-2	0.88284
625	0.	SLV_Ex			21.6741		86.9678	625-1	0.
625	0.11716	SLV_Ex			24.2237		60.8264	625-1	0.11716
625	0.11716	SLV_Ex			24.2237		60.8264	625-2	0.
625	0.5	SLV_Ex			32.5552		-23.9154	625-2	0.38284
625	1.	SLV_Ex			43.4362		-133.0141	625-2	0.88284
626	0.	SLU_ENV	Max		17.4682		-6.5332	626-1	0.
626	0.5	SLU_ENV	Max		19.4848		-23.1602	626-1	0.5
626	1.	SLU_ENV	Max		21.5013		-39.7873	626-1	1.
626	0.	SLU_ENV	Min		6.4453		-17.4291	626-1	0.
626	0.5	SLU_ENV	Min		8.2731		-61.6705	626-1	0.5
626	1.	SLU_ENV	Min		10.1008		-105.912	626-1	1.
626	0.	SLV_Ex			42.0409		47.7019	626-1	0.
626	0.5	SLV_Ex			52.922		-59.6124	626-1	0.5
626	1.	SLV_Ex			63.803		-165.1423	626-1	1.
627	0.	SLU_ENV	Max		21.3876		-12.0184	627-1	0.
627	0.5	SLU_ENV	Max		23.4042		-28.6454	627-1	0.5
627	1.	SLU_ENV	Max		25.4208		-45.2725	627-1	1.
627	0.	SLU_ENV	Min		9.9342		-32.0242	627-1	0.
627	0.5	SLU_ENV	Min		11.7619		-76.2657	627-1	0.5
627	1.	SLU_ENV	Min		13.5896		-120.5071	627-1	1.
627	0.	SLV_Ex			62.4077		9.6134	627-1	0.
627	0.5	SLV_Ex			73.2888		-94.132	627-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
627	1.	SLV_Ex		84.1698	-196.0931	627-1	1.
628	0.	SLU_ENV	Max	0.	1.208E-14	628-1	0.
628	0.5	SLU_ENV	Max	1.499E-16	-7.105E-15	628-1	0.5
628	1.	SLU_ENV	Max	7.494E-16	-7.105E-15	628-1	1.
628	0.	SLU_ENV	Min	-4.496E-16	-1.679E-14	628-1	0.
628	0.5	SLU_ENV	Min	0.	-1.199E-14	628-1	0.5
628	1.	SLU_ENV	Min	0.	-2.638E-14	628-1	1.
628	0.	SLV_Ex		-3.331E-16	8.971E-13	628-1	0.
628	0.5	SLV_Ex		-1.136E-13	-9.184E-13	628-1	0.5
628	1.	SLV_Ex		-2.268E-13	-2.734E-12	628-1	1.
633	0.	SLU_ENV	Max	1.079E-14	7.674E-14	633-1	0.
633	0.5	SLU_ENV	Max	0.0922	0.0403	633-1	0.5
633	1.	SLU_ENV	Max	0.1843	0.0805	633-1	1.
633	0.	SLU_ENV	Min	0.	2.842E-14	633-1	0.
633	0.5	SLU_ENV	Min	-0.2945	0.0251	633-1	0.5
633	1.	SLU_ENV	Min	-0.5891	0.0501	633-1	1.
633	0.	SLV_Ex		8.882E-16	2.842E-14	633-1	0.
633	0.5	SLV_Ex		-1.4843	21.488	633-1	0.5
633	1.	SLV_Ex		-2.9685	42.9761	633-1	1.
634	0.	SLU_ENV	Max	0.1843	0.0805	634-1	0.
634	0.5	SLU_ENV	Max	0.5337	-0.7745	634-1	0.5
634	1.	SLU_ENV	Max	0.8832	-1.5992	634-1	1.
634	0.	SLU_ENV	Min	-0.5891	0.0501	634-1	0.
634	0.5	SLU_ENV	Min	-0.9515	-2.1749	634-1	0.5
634	1.	SLU_ENV	Min	-1.314	-4.4303	634-1	1.
634	0.	SLV_Ex		-2.9685	42.9761	634-1	0.
634	0.5	SLV_Ex		-4.7635	75.0078	634-1	0.5
634	1.	SLV_Ex		-6.5585	107.0396	634-1	1.
635	0.	SLU_ENV	Max	0.8832	-1.5992	635-1	0.
635	0.5	SLU_ENV	Max	1.6533	-4.1478	635-1	0.5
635	1.	SLU_ENV	Max	2.4234	-6.6965	635-1	1.
635	0.	SLU_ENV	Min	-1.314	-4.4303	635-1	0.
635	0.5	SLU_ENV	Min	-1.513	-11.3157	635-1	0.5
635	1.	SLU_ENV	Min	-1.7121	-18.2011	635-1	1.
635	0.	SLV_Ex		-6.5585	107.0396	635-1	0.
635	0.5	SLV_Ex		-7.4669	138.321	635-1	0.5
635	1.	SLV_Ex		-8.3753	169.6024	635-1	1.
636	0.	SLU_ENV	Max	2.4234	-6.6965	636-1	0.
636	0.5	SLU_ENV	Max	3.7702	-11.8293	636-1	0.5
636	1.	SLU_ENV	Max	5.117	-16.9621	636-1	1.
636	0.	SLU_ENV	Min	-1.7121	-18.2011	636-1	0.
636	0.5	SLU_ENV	Min	-1.5061	-32.0114	636-1	0.5
636	1.	SLU_ENV	Min	-1.3002	-45.8217	636-1	1.
636	0.	SLV_Ex		-8.3753	169.6024	636-1	0.
636	0.5	SLV_Ex		-7.1488	187.9935	636-1	0.5
636	1.	SLV_Ex		-5.9223	206.3847	636-1	1.
637	0.	SLU_ENV	Max	5.117	-16.9621	637-1	0.
637	0.5	SLU_ENV	Max	7.1768	-25.4836	637-1	0.5
637	1.	SLU_ENV	Max	9.2367	-34.0051	637-1	1.
637	0.	SLU_ENV	Min	-1.3002	-45.8217	637-1	0.
637	0.5	SLU_ENV	Min	-0.4346	-68.7014	637-1	0.5
637	1.	SLU_ENV	Min	0.431	-91.5811	637-1	1.
637	0.	SLV_Ex		-5.9223	206.3847	637-1	0.
637	0.5	SLV_Ex		-1.2483	198.4168	637-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
637	1.	SLV_Ex		3.4257	190.4488	637-1	1.
638	0.	SLU_ENV	Max	9.2367	-34.0051	638-1	0.
638	0.5	SLU_ENV	Max	12.1047	-46.5827	638-1	0.5
638	1.	SLU_ENV	Max	14.9728	-59.1603	638-1	1.
638	0.	SLU_ENV	Min	0.431	-91.5811	638-1	0.
638	0.5	SLU_ENV	Min	2.2206	-125.3037	638-1	0.5
638	1.	SLU_ENV	Min	4.0103	-159.0263	638-1	1.
638	0.	SLV_Ex		3.4257	190.4488	638-1	0.
638	0.5	SLV_Ex		12.9033	141.0459	638-1	0.5
638	1.	SLV_Ex		22.3808	91.6431	638-1	1.
639	0.	SLU_ENV	Max	14.9728	-59.1603	639-1	0.
639	0.5	SLU_ENV	Max	18.6704	-76.1884	639-1	0.5
639	1.	SLU_ENV	Max	22.368	-93.2166	639-1	1.
639	0.	SLU_ENV	Min	4.0103	-159.0263	639-1	0.
639	0.5	SLU_ENV	Min	6.9841	-204.6306	639-1	0.5
639	1.	SLU_ENV	Min	9.9579	-250.235	639-1	1.
639	0.	SLV_Ex		22.3808	91.6431	639-1	0.
639	0.5	SLV_Ex		37.9864	-15.7374	639-1	0.5
639	1.	SLV_Ex		53.5919	-123.1178	639-1	1.
640	0.	SLU_ENV	Max	22.0932	-2.4327	640-1	0.
640	0.5	SLU_ENV	Max	25.773	-19.5363	640-1	0.5
640	1.	SLU_ENV	Max	29.4528	-36.64	640-1	1.
640	0.	SLU_ENV	Min	9.3506	-5.5199	640-1	0.
640	0.5	SLU_ENV	Min	12.3097	-51.3236	640-1	0.5
640	1.	SLU_ENV	Min	15.2687	-97.1273	640-1	1.
640	0.	SLV_Ex		46.6756	79.4179	640-1	0.
640	0.5	SLV_Ex		61.8891	-29.7893	640-1	0.5
640	1.	SLV_Ex		77.1027	-137.2121	640-1	1.
641	0.	SLU_ENV	Max	29.4073	-8.0751	641-1	0.
641	0.5	SLU_ENV	Max	33.0871	-25.1788	641-1	0.5
641	1.	SLU_ENV	Max	36.7669	-42.2824	641-1	1.
641	0.	SLU_ENV	Min	15.231	-20.6304	641-1	0.
641	0.5	SLU_ENV	Min	18.19	-66.4341	641-1	0.5
641	1.	SLU_ENV	Min	21.1491	-112.2378	641-1	1.
641	0.	SLV_Ex		76.0999	40.705	641-1	0.
641	0.5	SLV_Ex		91.3135	-64.9334	641-1	0.5
641	1.	SLV_Ex		106.527	-168.7874	641-1	1.
642	0.	SLU_ENV	Max	36.7214	-13.7175	642-1	0.
642	0.5	SLU_ENV	Max	40.4012	-30.8212	642-1	0.5
642	1.	SLU_ENV	Max	44.081	-47.9249	642-1	1.
642	0.	SLU_ENV	Min	21.1113	-35.7409	642-1	0.
642	0.5	SLU_ENV	Min	24.0704	-81.5446	642-1	0.5
642	1.	SLU_ENV	Min	27.0294	-127.3483	642-1	1.
642	0.	SLV_Ex		105.5243	3.1694	642-1	0.
642	0.5	SLV_Ex		120.7378	-98.9002	642-1	0.5
642	1.	SLV_Ex		135.9514	-199.1853	642-1	1.
643	0.	SLU_ENV	Max	0.	3.837E-14	643-1	0.
643	0.5	SLU_ENV	Max	-1.776E-15	3.597E-15	643-1	0.5
643	1.	SLU_ENV	Max	1.563E-14	8.393E-15	643-1	1.
643	0.	SLU_ENV	Min	-1.918E-14	-1.199E-15	643-1	0.
643	0.5	SLU_ENV	Min	-2.248E-15	0.	643-1	0.5
643	1.	SLU_ENV	Min	-4.496E-15	-3.837E-14	643-1	1.
643	0.	SLV_Ex		1.137E-13	-8.882E-16	643-1	0.
643	0.5	SLV_Ex		-1.154E-13	2.665E-15	643-1	0.5



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
643	1.	SLV_Ex		-3.444E-13	6.217E-15	643-1	1.
648	0.	SLU_ENV	Max	9.592E-15	0.	648-1	0.
648	0.5	SLU_ENV	Max	0.1071	0.0898	648-1	0.5
648	1.	SLU_ENV	Max	0.2142	0.1797	648-1	1.
648	0.	SLU_ENV	Min	0.	0.	648-1	0.
648	0.5	SLU_ENV	Min	-0.2864	0.0434	648-1	0.5
648	1.	SLU_ENV	Min	-0.5727	0.0867	648-1	1.
648	0.	SLV_Ex		-5.684E-14	-9.095E-13	648-1	0.
648	0.5	SLV_Ex		-1.4304	21.46	648-1	0.5
648	1.	SLV_Ex		-2.8609	42.9199	648-1	1.
649	0.	SLU_ENV	Max	0.2142	0.1797	649-1	0.
649	0.5	SLU_ENV	Max	0.5353	-0.6619	649-1	0.5
649	1.	SLU_ENV	Max	0.8564	-1.4105	649-1	1.
649	0.	SLU_ENV	Min	-0.5727	0.0867	649-1	0.
649	0.5	SLU_ENV	Min	-0.9569	-1.8693	649-1	0.5
649	1.	SLU_ENV	Min	-1.341	-3.9182	649-1	1.
649	0.	SLV_Ex		-2.8609	42.9199	649-1	0.
649	0.5	SLV_Ex		-4.7371	75.1285	649-1	0.5
649	1.	SLV_Ex		-6.6133	107.3371	649-1	1.
650	0.	SLU_ENV	Max	0.8564	-1.4105	650-1	0.
650	0.5	SLU_ENV	Max	1.4967	-3.7863	650-1	0.5
650	1.	SLU_ENV	Max	2.137	-6.1622	650-1	1.
650	0.	SLU_ENV	Min	-1.341	-3.9182	650-1	0.
650	0.5	SLU_ENV	Min	-1.6298	-10.334	650-1	0.5
650	1.	SLU_ENV	Min	-1.9186	-16.7498	650-1	1.
650	0.	SLV_Ex		-6.6133	107.3371	650-1	0.
650	0.5	SLV_Ex		-7.9275	139.2334	650-1	0.5
650	1.	SLV_Ex		-9.2417	171.1297	650-1	1.
651	0.	SLU_ENV	Max	2.137	-6.1622	651-1	0.
651	0.5	SLU_ENV	Max	3.1944	-10.9879	651-1	0.5
651	1.	SLU_ENV	Max	4.2517	-15.8135	651-1	1.
651	0.	SLU_ENV	Min	-1.9186	-16.7498	651-1	0.
651	0.5	SLU_ENV	Min	-1.9083	-29.7252	651-1	0.5
651	1.	SLU_ENV	Min	-1.898	-42.7007	651-1	1.
651	0.	SLV_Ex		-9.2417	171.1297	651-1	0.
651	0.5	SLV_Ex		-8.9345	190.8042	651-1	0.5
651	1.	SLV_Ex		-8.6272	210.4787	651-1	1.
652	0.	SLU_ENV	Max	4.2517	-15.8135	652-1	0.
652	0.5	SLU_ENV	Max	5.807	-23.8606	652-1	0.5
652	1.	SLU_ENV	Max	7.3622	-31.9076	652-1	1.
652	0.	SLU_ENV	Min	-1.898	-42.7007	652-1	0.
652	0.5	SLU_ENV	Min	-1.37	-64.2901	652-1	0.5
652	1.	SLU_ENV	Min	-0.8421	-85.8794	652-1	1.
652	0.	SLV_Ex		-8.6272	210.4787	652-1	0.
652	0.5	SLV_Ex		-5.5675	204.6804	652-1	0.5
652	1.	SLV_Ex		-2.5077	198.882	652-1	1.
653	0.	SLU_ENV	Max	7.3622	-31.9076	653-1	0.
653	0.5	SLU_ENV	Max	9.4619	-43.8194	653-1	0.5
653	1.	SLU_ENV	Max	11.5615	-55.7312	653-1	1.
653	0.	SLU_ENV	Min	-0.8421	-85.8794	653-1	0.
653	0.5	SLU_ENV	Min	0.4366	-117.7911	653-1	0.5
653	1.	SLU_ENV	Min	1.7154	-149.7027	653-1	1.
653	0.	SLV_Ex		-2.5077	198.882	653-1	0.
653	0.5	SLV_Ex		4.5011	152.7193	653-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
653	1.	SLV_Ex		11.51	106.5567	653-1	1.
654	0.	SLU_ENV	Max	11.5615	-55.7312	654-1	0.
654	0.5	SLU_ENV	Max	14.1935	-71.8952	654-1	0.5
654	1.	SLU_ENV	Max	16.8255	-88.0592	654-1	1.
654	0.	SLU_ENV	Min	1.7154	-149.7027	654-1	0.
654	0.5	SLU_ENV	Min	3.9839	-192.9561	654-1	0.5
654	1.	SLU_ENV	Min	6.2524	-236.2094	654-1	1.
654	0.	SLV_Ex		11.51	106.5567	654-1	0.
654	0.5	SLV_Ex		23.6807	3.6039	654-1	0.5
654	1.	SLV_Ex		35.8515	-99.3488	654-1	1.
655	0.	SLU_ENV	Max	16.8398	-2.2421	655-1	0.
655	0.5	SLU_ENV	Max	19.473	-18.4798	655-1	0.5
655	1.	SLU_ENV	Max	22.1061	-34.7175	655-1	1.
655	0.	SLU_ENV	Min	6.0252	-5.0807	655-1	0.
655	0.5	SLU_ENV	Min	8.3074	-48.5285	655-1	0.5
655	1.	SLU_ENV	Min	10.5895	-91.9764	655-1	1.
655	0.	SLV_Ex		29.5991	79.7466	655-1	0.
655	0.5	SLV_Ex		41.4163	-25.011	655-1	0.5
655	1.	SLV_Ex		53.2335	-127.9843	655-1	1.
656	0.	SLU_ENV	Max	22.1092	-7.5988	656-1	0.
656	0.5	SLU_ENV	Max	24.7423	-23.8365	656-1	0.5
656	1.	SLU_ENV	Max	27.3755	-40.0743	656-1	1.
656	0.	SLU_ENV	Min	10.6243	-19.414	656-1	0.
656	0.5	SLU_ENV	Min	12.9064	-62.8618	656-1	0.5
656	1.	SLU_ENV	Min	15.1886	-106.3097	656-1	1.
656	0.	SLV_Ex		52.3292	42.5015	656-1	0.
656	0.5	SLV_Ex		64.1464	-58.6872	656-1	0.5
656	1.	SLV_Ex		75.9636	-158.0916	656-1	1.
657	0.	SLU_ENV	Max	27.3785	-12.9556	657-1	0.
657	0.5	SLU_ENV	Max	30.0117	-29.1933	657-1	0.5
657	1.	SLU_ENV	Max	32.6449	-45.431	657-1	1.
657	0.	SLU_ENV	Min	15.2234	-33.7473	657-1	0.
657	0.5	SLU_ENV	Min	17.5055	-77.1951	657-1	0.5
657	1.	SLU_ENV	Min	19.7877	-120.643	657-1	1.
657	0.	SLV_Ex		75.0593	6.4338	657-1	0.
657	0.5	SLV_Ex		86.8765	-91.1861	657-1	0.5
657	1.	SLV_Ex		98.6937	-187.0216	657-1	1.
658	0.	SLU_ENV	Max	-3.553E-15	0.	658-1	0.
658	0.5	SLU_ENV	Max	0.0395	1.4291	658-1	0.5
658	1.	SLU_ENV	Max	0.0789	2.8581	658-1	1.
658	0.	SLU_ENV	Min	-4.796E-15	-2.278E-14	658-1	0.
658	0.5	SLU_ENV	Min	-0.249	0.54	658-1	0.5
658	1.	SLU_ENV	Min	-0.4979	1.08	658-1	1.
658	0.	SLV_Ex		-3.553E-15	-2.665E-15	658-1	0.
658	0.5	SLV_Ex		-1.287	19.8729	658-1	0.5
658	1.	SLV_Ex		-2.5741	39.7459	658-1	1.
663	0.	SLU_ENV	Max	0.0789	2.8581	663-1	0.
663	0.5	SLU_ENV	Max	0.227	3.6826	663-1	0.5
663	1.	SLU_ENV	Max	0.375	4.507	663-1	1.
663	0.	SLU_ENV	Min	-0.4979	1.08	663-1	0.
663	0.5	SLU_ENV	Min	-0.8902	1.3952	663-1	0.5
663	1.	SLU_ENV	Min	-1.2824	1.7104	663-1	1.
663	0.	SLV_Ex		-2.5741	39.7459	663-1	0.
663	0.5	SLV_Ex		-4.5738	71.6919	663-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
663	1.	SLV_Ex		-6.5735	103.638	663-1	1.
664	0.	SLU_ENV	Max	0.375	4.507	664-1	0.
664	0.5	SLU_ENV	Max	0.7001	2.671	664-1	0.5
664	1.	SLU_ENV	Max	1.0252	0.835	664-1	1.
664	0.	SLU_ENV	Min	-1.2824	1.7104	664-1	0.
664	0.5	SLU_ENV	Min	-1.7082	1.0277	664-1	0.5
664	1.	SLU_ENV	Min	-2.1339	0.345	664-1	1.
664	0.	SLV_Ex		-6.5735	103.638	664-1	0.
664	0.5	SLV_Ex		-8.6905	139.5315	664-1	0.5
664	1.	SLV_Ex		-10.8075	175.4251	664-1	1.
665	0.	SLU_ENV	Max	1.0252	0.835	665-1	0.
665	0.5	SLU_ENV	Max	1.5926	-2.1214	665-1	0.5
665	1.	SLU_ENV	Max	2.1599	-4.5878	665-1	1.
665	0.	SLU_ENV	Min	-2.1339	0.345	665-1	0.
665	0.5	SLU_ENV	Min	-2.4733	-5.7503	665-1	0.5
665	1.	SLU_ENV	Min	-2.8127	-12.3357	665-1	1.
665	0.	SLV_Ex		-10.8075	175.4251	665-1	0.
665	0.5	SLV_Ex		-12.3943	206.3172	665-1	0.5
665	1.	SLV_Ex		-13.9811	237.2093	665-1	1.
666	0.	SLU_ENV	Max	2.1599	-4.5878	666-1	0.
666	0.5	SLU_ENV	Max	3.0266	-9.6246	666-1	0.5
666	1.	SLU_ENV	Max	3.8932	-14.6614	666-1	1.
666	0.	SLU_ENV	Min	-2.8127	-12.3357	666-1	0.
666	0.5	SLU_ENV	Min	-2.9289	-25.7612	666-1	0.5
666	1.	SLU_ENV	Min	-3.0452	-39.1868	666-1	1.
666	0.	SLV_Ex		-13.9811	237.2093	666-1	0.
666	0.5	SLV_Ex		-14.3052	252.7687	666-1	0.5
666	1.	SLV_Ex		-14.6294	268.328	666-1	1.
667	0.	SLU_ENV	Max	3.8932	-14.6614	667-1	0.
667	0.5	SLU_ENV	Max	5.0986	-23.0166	667-1	0.5
667	1.	SLU_ENV	Max	6.3041	-31.3717	667-1	1.
667	0.	SLU_ENV	Min	-3.0452	-39.1868	667-1	0.
667	0.5	SLU_ENV	Min	-2.7796	-61.4396	667-1	0.5
667	1.	SLU_ENV	Min	-2.514	-83.6924	667-1	1.
667	0.	SLV_Ex		-14.6294	268.328	667-1	0.
667	0.5	SLV_Ex		-12.8491	256.3618	667-1	0.5
667	1.	SLV_Ex		-11.0688	244.3957	667-1	1.
668	0.	SLU_ENV	Max	6.3041	-31.3717	668-1	0.
668	0.5	SLU_ENV	Max	7.8568	-43.6743	668-1	0.5
668	1.	SLU_ENV	Max	9.4096	-55.9769	668-1	1.
668	0.	SLU_ENV	Min	-2.514	-83.6924	668-1	0.
668	0.5	SLU_ENV	Min	-1.6841	-116.4411	668-1	0.5
668	1.	SLU_ENV	Min	-0.8542	-149.1898	668-1	1.
668	0.	SLV_Ex		-11.0688	244.3957	668-1	0.
668	0.5	SLV_Ex		-6.2286	190.6156	668-1	0.5
668	1.	SLV_Ex		-1.3884	136.8355	668-1	1.
669	0.	SLU_ENV	Max	9.4096	-55.9769	669-1	0.
669	0.5	SLU_ENV	Max	11.268	-72.6039	669-1	0.5
669	1.	SLU_ENV	Max	13.1263	-89.2309	669-1	1.
669	0.	SLU_ENV	Min	-0.8542	-149.1898	669-1	0.
669	0.5	SLU_ENV	Min	0.7419	-193.4312	669-1	0.5
669	1.	SLU_ENV	Min	2.3379	-237.6727	669-1	1.
669	0.	SLV_Ex		-1.3884	136.8355	669-1	0.
669	0.5	SLV_Ex		7.5518	25.0601	669-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
669	1.	SLV_Ex		16.4921	-86.7153	669-1	1.
670	0.	SLU_ENV	Max	13.6625	-1.048	670-1	0.
670	0.5	SLU_ENV	Max	15.5654	-17.675	670-1	0.5
670	1.	SLU_ENV	Max	17.4682	-34.3021	670-1	1.
670	0.	SLU_ENV	Min	3.123	-2.834	670-1	0.
670	0.5	SLU_ENV	Min	4.7842	-47.0754	670-1	0.5
670	1.	SLU_ENV	Min	6.4453	-91.3169	670-1	1.
670	0.	SLV_Ex		23.0694	86.9678	670-1	0.
670	0.5	SLV_Ex		32.5552	-23.9154	670-1	0.5
670	1.	SLV_Ex		42.0409	-133.0141	670-1	1.
671	0.	SLU_ENV	Max	17.5819	-6.5332	671-1	0.
671	0.5	SLU_ENV	Max	19.4848	-23.1602	671-1	0.5
671	1.	SLU_ENV	Max	21.3876	-39.7873	671-1	1.
671	0.	SLU_ENV	Min	6.6119	-17.4291	671-1	0.
671	0.5	SLU_ENV	Min	8.2731	-61.6705	671-1	0.5
671	1.	SLU_ENV	Min	9.9342	-105.912	671-1	1.
671	0.	SLV_Ex		43.4362	47.7019	671-1	0.
671	0.5	SLV_Ex		52.922	-59.6124	671-1	0.5
671	1.	SLV_Ex		62.4077	-165.1423	671-1	1.
672	0.	SLU_ENV	Max	21.5013	-12.0184	672-1	0.
672	0.5	SLU_ENV	Max	23.4042	-28.6454	672-1	0.5
672	1.	SLU_ENV	Max	25.307	-45.2725	672-1	1.
672	0.	SLU_ENV	Min	10.1008	-32.0242	672-1	0.
672	0.5	SLU_ENV	Min	11.7619	-76.2657	672-1	0.5
672	1.	SLU_ENV	Min	13.4231	-120.5071	672-1	1.
672	0.	SLV_Ex		63.803	9.6134	672-1	0.
672	0.5	SLV_Ex		73.2888	-94.132	672-1	0.5
672	1.	SLV_Ex		82.7745	-196.0931	672-1	1.
673	0.	SLU_ENV	Max	0.	1.679E-14	673-1	0.
673	0.5	SLU_ENV	Max	-0.0222	1.4522	673-1	0.5
673	1.	SLU_ENV	Max	-0.0444	2.9044	673-1	1.
673	0.	SLU_ENV	Min	-5.995E-16	7.105E-15	673-1	0.
673	0.5	SLU_ENV	Min	-0.3277	0.5499	673-1	0.5
673	1.	SLU_ENV	Min	-0.6554	1.0998	673-1	1.
673	0.	SLV_Ex		5.640E-14	5.329E-15	673-1	0.
673	0.5	SLV_Ex		-1.506	19.8089	673-1	0.5
673	1.	SLV_Ex		-3.012	39.6179	673-1	1.
678	0.	SLU_ENV	Max	-0.0444	2.9044	678-1	0.
678	0.5	SLU_ENV	Max	0.0098	3.6996	678-1	0.5
678	1.	SLU_ENV	Max	0.0689	4.4948	678-1	1.
678	0.	SLU_ENV	Min	-0.6554	1.0998	678-1	0.
678	0.5	SLU_ENV	Min	-1.0868	1.4108	678-1	0.5
678	1.	SLU_ENV	Min	-1.5231	1.7217	678-1	1.
678	0.	SLV_Ex		-3.012	39.6179	678-1	0.
678	0.5	SLV_Ex		-5.2152	71.4039	678-1	0.5
678	1.	SLV_Ex		-7.4185	103.19	678-1	1.
679	0.	SLU_ENV	Max	0.0689	4.4948	679-1	0.
679	0.5	SLU_ENV	Max	0.4111	2.5015	679-1	0.5
679	1.	SLU_ENV	Max	0.7534	0.5082	679-1	1.
679	0.	SLU_ENV	Min	-1.5231	1.7217	679-1	0.
679	0.5	SLU_ENV	Min	-1.9416	0.9963	679-1	0.5
679	1.	SLU_ENV	Min	-2.36	0.2709	679-1	1.
679	0.	SLV_Ex		-7.4185	103.19	679-1	0.
679	0.5	SLV_Ex		-9.486	138.7967	679-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
679	1.	SLV_Ex		-11.5535	174.4034	679-1	1.
680	0.	SLU_ENV	Max	0.7534	0.5082	680-1	0.
680	0.5	SLU_ENV	Max	1.517	-2.3008	680-1	0.5
680	1.	SLU_ENV	Max	2.2806	-4.8725	680-1	1.
680	0.	SLU_ENV	Min	-2.36	0.2709	680-1	0.
680	0.5	SLU_ENV	Min	-2.5596	-6.4381	680-1	0.5
680	1.	SLU_ENV	Min	-2.7591	-13.3843	680-1	1.
680	0.	SLV_Ex		-11.5535	174.4034	680-1	0.
680	0.5	SLV_Ex		-12.5935	204.8547	680-1	0.5
680	1.	SLV_Ex		-13.6334	235.3061	680-1	1.
681	0.	SLU_ENV	Max	2.2806	-4.8725	681-1	0.
681	0.5	SLU_ENV	Max	3.6126	-10.1009	681-1	0.5
681	1.	SLU_ENV	Max	4.9447	-15.3294	681-1	1.
681	0.	SLU_ENV	Min	-2.7591	-13.3843	681-1	0.
681	0.5	SLU_ENV	Min	-2.5352	-27.4472	681-1	0.5
681	1.	SLU_ENV	Min	-2.3113	-41.5102	681-1	1.
681	0.	SLV_Ex		-13.6334	235.3061	681-1	0.
681	0.5	SLV_Ex		-12.6638	250.2516	681-1	0.5
681	1.	SLV_Ex		-11.6942	265.1971	681-1	1.
682	0.	SLU_ENV	Max	4.9447	-15.3294	682-1	0.
682	0.5	SLU_ENV	Max	6.9735	-23.9838	682-1	0.5
682	1.	SLU_ENV	Max	9.0023	-32.6383	682-1	1.
682	0.	SLU_ENV	Min	-2.3113	-41.5102	682-1	0.
682	0.5	SLU_ENV	Min	-1.4379	-64.741	682-1	0.5
682	1.	SLU_ENV	Min	-0.5646	-87.9717	682-1	1.
682	0.	SLV_Ex		-11.6942	265.1971	682-1	0.
682	0.5	SLV_Ex		-7.6271	252.4404	682-1	0.5
682	1.	SLV_Ex		-3.56	239.6837	682-1	1.
683	0.	SLU_ENV	Max	9.0023	-32.6383	683-1	0.
683	0.5	SLU_ENV	Max	11.8166	-45.3637	683-1	0.5
683	1.	SLU_ENV	Max	14.6309	-58.089	683-1	1.
683	0.	SLU_ENV	Min	-0.5646	-87.9717	683-1	0.
683	0.5	SLU_ENV	Min	1.2017	-122.0845	683-1	0.5
683	1.	SLU_ENV	Min	2.9681	-156.1973	683-1	1.
683	0.	SLV_Ex		-3.56	239.6837	683-1	0.
683	0.5	SLV_Ex		4.7822	184.9576	683-1	0.5
683	1.	SLV_Ex		13.1243	130.2314	683-1	1.
684	0.	SLU_ENV	Max	14.6309	-58.089	684-1	0.
684	0.5	SLU_ENV	Max	18.2474	-75.2682	684-1	0.5
684	1.	SLU_ENV	Max	21.8639	-92.4473	684-1	1.
684	0.	SLU_ENV	Min	2.9681	-156.1973	684-1	0.
684	0.5	SLU_ENV	Min	5.8746	-202.2004	684-1	0.5
684	1.	SLU_ENV	Min	8.7812	-248.2034	684-1	1.
684	0.	SLV_Ex		13.1243	130.2314	684-1	0.
684	0.5	SLV_Ex		26.9431	17.413	684-1	0.5
684	1.	SLV_Ex		40.762	-95.4054	684-1	1.
685	0.	SLU_ENV	Max	22.1387	-2.4327	685-1	0.
685	0.5	SLU_ENV	Max	25.773	-19.5363	685-1	0.5
685	1.	SLU_ENV	Max	29.4073	-36.64	685-1	1.
685	0.	SLU_ENV	Min	9.3884	-5.5199	685-1	0.
685	0.5	SLU_ENV	Min	12.3097	-51.3236	685-1	0.5
685	1.	SLU_ENV	Min	15.231	-97.1273	685-1	1.
685	0.	SLV_Ex		47.6783	79.4179	685-1	0.
685	0.5	SLV_Ex		61.8891	-29.7893	685-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	StepType	M		FrameElem	ElemStation
				M2	M3		
	m			KN-m	KN-m		m
685	1.	SLV_Ex		76.0999	-137.2121	685-1	1.
686	0.	SLU_ENV	Max	29.4528	-8.0751	686-1	0.
686	0.5	SLU_ENV	Max	33.0871	-25.1788	686-1	0.5
686	1.	SLU_ENV	Max	36.7214	-42.2824	686-1	1.
686	0.	SLU_ENV	Min	15.2687	-20.6304	686-1	0.
686	0.5	SLU_ENV	Min	18.19	-66.4341	686-1	0.5
686	1.	SLU_ENV	Min	21.1113	-112.2378	686-1	1.
686	0.	SLV_Ex		77.1027	40.705	686-1	0.
686	0.5	SLV_Ex		91.3135	-64.9334	686-1	0.5
686	1.	SLV_Ex		105.5243	-168.7874	686-1	1.
687	0.	SLU_ENV	Max	36.7669	-13.7175	687-1	0.
687	0.5	SLU_ENV	Max	40.4012	-30.8212	687-1	0.5
687	1.	SLU_ENV	Max	44.0355	-47.9249	687-1	1.
687	0.	SLU_ENV	Min	21.1491	-35.7409	687-1	0.
687	0.5	SLU_ENV	Min	24.0704	-81.5446	687-1	0.5
687	1.	SLU_ENV	Min	26.9917	-127.3483	687-1	1.
687	0.	SLV_Ex		106.527	3.1694	687-1	0.
687	0.5	SLV_Ex		120.7378	-98.9002	687-1	0.5
687	1.	SLV_Ex		134.9486	-199.1853	687-1	1.
688	0.	SLU_ENV	Max	5.995E-16	-2.132E-14	688-1	0.
688	0.5	SLU_ENV	Max	0.003	1.4169	688-1	0.5
688	1.	SLU_ENV	Max	0.006	2.8338	688-1	1.
688	0.	SLU_ENV	Min	0.	-3.357E-14	688-1	0.
688	0.5	SLU_ENV	Min	-0.2924	0.537	688-1	0.5
688	1.	SLU_ENV	Min	-0.5848	1.074	688-1	1.
688	0.	SLV_Ex		5.729E-14	-2.487E-14	688-1	0.
688	0.5	SLV_Ex		-1.3691	19.6494	688-1	0.5
688	1.	SLV_Ex		-2.7381	39.2989	688-1	1.
693	0.	SLU_ENV	Max	0.006	2.8338	693-1	0.
693	0.5	SLU_ENV	Max	0.1062	3.6603	693-1	0.5
693	1.	SLU_ENV	Max	0.213	4.4867	693-1	1.
693	0.	SLU_ENV	Min	-0.5848	1.074	693-1	0.
693	0.5	SLU_ENV	Min	-1.0145	1.3966	693-1	0.5
693	1.	SLU_ENV	Min	-1.4507	1.7191	693-1	1.
693	0.	SLV_Ex		-2.7381	39.2989	693-1	0.
693	0.5	SLV_Ex		-4.8226	70.974	693-1	0.5
693	1.	SLV_Ex		-6.9071	102.649	693-1	1.
694	0.	SLU_ENV	Max	0.213	4.4867	694-1	0.
694	0.5	SLU_ENV	Max	0.5341	2.6935	694-1	0.5
694	1.	SLU_ENV	Max	0.8552	0.9002	694-1	1.
694	0.	SLU_ENV	Min	-1.4507	1.7191	694-1	0.
694	0.5	SLU_ENV	Min	-1.887	1.0674	694-1	0.5
694	1.	SLU_ENV	Min	-2.3234	0.4157	694-1	1.
694	0.	SLV_Ex		-6.9071	102.649	694-1	0.
694	0.5	SLV_Ex		-9.031	138.4038	694-1	0.5
694	1.	SLV_Ex		-11.1549	174.1586	694-1	1.
695	0.	SLU_ENV	Max	0.8552	0.9002	695-1	0.
695	0.5	SLU_ENV	Max	1.4959	-1.9826	695-1	0.5
695	1.	SLU_ENV	Max	2.1367	-4.381	695-1	1.
695	0.	SLU_ENV	Min	-2.3234	0.4157	695-1	0.
695	0.5	SLU_ENV	Min	-2.6016	-5.5749	695-1	0.5
695	1.	SLU_ENV	Min	-2.8798	-12.0501	695-1	1.
695	0.	SLV_Ex		-11.1549	174.1586	695-1	0.
695	0.5	SLV_Ex		-12.5875	205.2315	695-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M		FrameElem	ElemStation m
				M2 KN-m	M3 KN-m		
695	1.	SLV_Ex		-14.0202	236.3043	695-1	1.
696	0.	SLU_ENV	Max	2.1367	-4.381	696-1	0.
696	0.5	SLU_ENV	Max	3.1954	-9.3001	696-1	0.5
696	1.	SLU_ENV	Max	4.2541	-14.2192	696-1	1.
696	0.	SLU_ENV	Min	-2.8798	-12.0501	696-1	0.
696	0.5	SLU_ENV	Min	-2.8233	-25.272	696-1	0.5
696	1.	SLU_ENV	Min	-2.7668	-38.4939	696-1	1.
696	0.	SLV_Ex		-14.0202	236.3043	696-1	0.
696	0.5	SLV_Ex		-13.9435	252.561	696-1	0.5
696	1.	SLV_Ex		-13.8668	268.8176	696-1	1.
697	0.	SLU_ENV	Max	4.2541	-14.2192	697-1	0.
697	0.5	SLU_ENV	Max	5.8117	-22.396	697-1	0.5
697	1.	SLU_ENV	Max	7.3694	-30.5729	697-1	1.
697	0.	SLU_ENV	Min	-2.7668	-38.4939	697-1	0.
697	0.5	SLU_ENV	Min	-2.1766	-60.4258	697-1	0.5
697	1.	SLU_ENV	Min	-1.5864	-82.3577	697-1	1.
697	0.	SLV_Ex		-13.8668	268.8176	697-1	0.
697	0.5	SLV_Ex		-11.353	258.269	697-1	0.5
697	1.	SLV_Ex		-8.8393	247.7205	697-1	1.
698	0.	SLU_ENV	Max	7.3694	-30.5729	698-1	0.
698	0.5	SLU_ENV	Max	9.4728	-42.629	698-1	0.5
698	1.	SLU_ENV	Max	11.5763	-54.6851	698-1	1.
698	0.	SLU_ENV	Min	-1.5864	-82.3577	698-1	0.
698	0.5	SLU_ENV	Min	-0.2421	-114.6501	698-1	0.5
698	1.	SLU_ENV	Min	1.1021	-146.9425	698-1	1.
698	0.	SLV_Ex		-8.8393	247.7205	698-1	0.
698	0.5	SLV_Ex		-2.8535	196.2774	698-1	0.5
698	1.	SLV_Ex		3.1323	144.8344	698-1	1.
699	0.	SLU_ENV	Max	11.5763	-54.6851	699-1	0.
699	0.5	SLU_ENV	Max	14.2137	-70.9965	699-1	0.5
699	1.	SLU_ENV	Max	16.8511	-87.308	699-1	1.
699	0.	SLU_ENV	Min	1.1021	-146.9425	699-1	0.
699	0.5	SLU_ENV	Min	3.4327	-190.5849	699-1	0.5
699	1.	SLU_ENV	Min	5.7632	-234.2272	699-1	1.
699	0.	SLV_Ex		3.1323	144.8344	699-1	0.
699	0.5	SLV_Ex		13.6917	36.4874	699-1	0.5
699	1.	SLV_Ex		24.2511	-71.8595	699-1	1.
700	0.	SLU_ENV	Max	16.8368	-2.2421	700-1	0.
700	0.5	SLU_ENV	Max	19.473	-18.4798	700-1	0.5
700	1.	SLU_ENV	Max	22.1092	-34.7175	700-1	1.
700	0.	SLU_ENV	Min	5.9904	-5.0807	700-1	0.
700	0.5	SLU_ENV	Min	8.3074	-48.5285	700-1	0.5
700	1.	SLU_ENV	Min	10.6243	-91.9764	700-1	1.
700	0.	SLV_Ex		30.5034	79.7466	700-1	0.
700	0.5	SLV_Ex		41.4163	-25.011	700-1	0.5
700	1.	SLV_Ex		52.3292	-127.9843	700-1	1.
701	0.	SLU_ENV	Max	22.1061	-7.5988	701-1	0.
701	0.5	SLU_ENV	Max	24.7423	-23.8365	701-1	0.5
701	1.	SLU_ENV	Max	27.3785	-40.0743	701-1	1.
701	0.	SLU_ENV	Min	10.5895	-19.414	701-1	0.
701	0.5	SLU_ENV	Min	12.9064	-62.8618	701-1	0.5
701	1.	SLU_ENV	Min	15.2234	-106.3097	701-1	1.
701	0.	SLV_Ex		53.2335	42.5015	701-1	0.
701	0.5	SLV_Ex		64.1464	-58.6872	701-1	0.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	M2	M3	FrameElem	ElemStation
				KN-m	KN-m		m
701	1.	SLV_Ex		75.0593	-158.0916	701-1	1.
702	0.	SLU_ENV	Max	27.3755	-12.9556	702-1	0.
702	0.5	SLU_ENV	Max	30.0117	-29.1933	702-1	0.5
702	1.	SLU_ENV	Max	32.6479	-45.431	702-1	1.
702	0.	SLU_ENV	Min	15.1886	-33.7473	702-1	0.
702	0.5	SLU_ENV	Min	17.5055	-77.1951	702-1	0.5
702	1.	SLU_ENV	Min	19.8225	-120.643	702-1	1.
702	0.	SLV_Ex		75.9636	6.4338	702-1	0.
702	0.5	SLV_Ex		86.8765	-91.1861	702-1	0.5
702	1.	SLV_Ex		97.7895	-187.0216	702-1	1.